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Annual Report of the Commissioner of the General Land Office to the Secretary of the Interior for the fiscal year ended June 30, 1898.

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ANNUAL REPORT

OF THE

COMMISSIONER OF THE GENERAL LAND OFFICE

TO THE

SECRETARY OF THE INTERIOR

FOR THE

FISCAL YEAR ENDED JUNE 30, 1898.

REPORT
OF THE
COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., October 1, 1898.

SIR: I have the honor to submit the following as the annual report of this office for the fiscal year ending June 30, 1898:

This embraces tabulated statements showing the business done in the district land offices, 116 in number, with reports from the surveyors-general, numbering 17, giving particulars of operations in their respective districts during the fiscal year, which will be found attached in their proper places.

In the number of original homestead entries there is shown an increase of 11,730 over the fiscal year ending June 30, 1897, and in the area embraced in such entries an increase of 1,754,267.77 acres. In final homestead entries there was an increase in number of entries of 2,166, with an increase in area of land contained in such entries of 73,810.84 acres.

The entire disposals of public lands show an increase of 614,780.26 acres as compared with the aggregate of disposals during the fiscal year ending June 30, 1897.

The total cash receipts show an increase of \$190,063.90.

DISPOSAL OF PUBLIC LANDS.

The following is a statement of the acreage disposed of during the fiscal year ending June 30, 1898:

CASH SALES.

	Acres.
Private entries	4,715.28
Public auction	25,955.29
Preemption entries	15,399.08
Timber and stone entries	60,955.73
Mineral-land entries	47,899.06
Desert-land entries	314,916.68
Excesses on homestead and other entries	9,567.48
Coal-land entries	4,078.63
Town-site entries	480.00
Supplemental payments	25.39
Cash substitution	40.00
Act of September 30, 1890 (extending time for payment for homesteads and preemptions)	160.00
Act of March 3, 1887 (sales of public land claimed on account of railroad grants)	3,201.02
Act of February 17, 1897 (to enable certain persons to secure title to public lands)	510.59
Act of January 18, 1897 (disposal of land in Greer County, Okla.) ..	136,854.28
Act of August 15, 1894 (Yankton, Sioux, and Siletz Indian ceded lands)	36.75
Act of September 29, 1890 (forfeited by railroad company and sold to individuals)	7,940.48
Total	632,735.74

MISCELLANEOUS.

Homestead entries, original	6,206,557.61
Timber-culture entries, original	160.00
Entries with—	
Military-bounty land warrants	1,580.00
Agricultural-college scrip	160.00
Private-land scrip	680.00
Sioux half-breed scrip	3,225.05
State selections	676,467.61
Railroad selections	710,343.87
Wagon-road selections	81,452.06
Indian allotments	25,745.76
Small holdings under act March 3, 1891	1,488.07
Swamp lands and swamp-land indemnity lands	81,112.96
	<u>1,582,250.38</u>
Total area of public-land entries and selections	8,421,703.73

INDIAN LANDS.

Cherokee	309.46
Klamath Indian reserve	53.98
Ute	19,360.65
Osage trust and diminished reserve	5,686.18
Chippewa	3,937.59
Crow	480.00
Ponca	258.80
Omaha	1,030.00
Sioux	637.17
Colville Indian reserve	439.36
	32,193.19
Grand total	8,453,896.92

RECAPITULATION.

Area sold for cash	632,735.74
Miscellaneous entries	7,788,967.99
Indian lands	32,193.19
Aggregate	8,453,896.92

Showing an increase of 614,780.26 acres as compared with the aggregate of disposals for the fiscal year ending June 30, 1897.

The foregoing does not include the following entries, the areas of which have been previously reported in the original entries of the respective classes:

	Acres.
Commuted homesteads (section 2301, Revised Statutes)	154,600.07
Commuted homesteads under acts June 15, 1880, and May 2, 1890	17,600.74
Indian land commuted under special acts	41,614.57
Under act August 15, 1894	130,698.16
Commuted timber-culture entries, act March 3, 1891	7,579.74
Final desert-land entries	127,807.99
Final homestead entries	3,095,017.75
Final timber-culture entries	868,133.73
Other areas consisting of military bounty land warrants, scrip locations, etc	12,657.36
Total	4,455,710.11

The filings and fees thereon are stated in the annexed table:

Kind of filings.	Number.	Fees.
Preemption	383	\$1,088
Homestead	207	443
Coal	738	2,185
Town site	4	9
Reservoir	80	160
Mineral applications	1,421	14,210
Timber and stone applications	469	4,690
Total	3,302	22,785
Mineral adverse claims	356	3,560
Total	3,658	26,345

Miscellaneous fees as follows:

Reducing testimony to writing, cancellation fees, etc	\$67,775.42
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CASH RECEIPTS.

The following is a statement of the cash receipts of the office from various sources during the fiscal year ending June 30, 1898:

Sales of land at private entry.....	\$6,173.47
Sales of land at public auction.....	39,934.07
Sales of land by preemption entry.....	20,367.42
Sales of timber and stone land.....	152,414.99
Sales of mineral land.....	208,489.01
Sales of desert land.....	208,978.73
Commuted homesteads (sec. 2301, Rev. Stat.).....	210,535.25
Commuted homesteads under acts June 15, 1880, and May 2, 1890...	25,621.03
Excesses on homesteads and other entries.....	13,272.04
Timber-culture entries commuted under act March 3, 1891.....	9,637.53
Sales of coal land.....	74,411.60
Sales of town lots.....	10,452.50
Sales of town sites.....	700.00
Supplemental payments.....	217.49
Graduation entries.....	640.45
Abandoned military reservations.....	975.05
Excess payments on locations made with swamp-land indemnity certificates.....	30.61
Cash substitution.....	50.00
Indian land commuted under special acts.....	53,271.81
Cash on final homesteads, ceded Indian lands.....	2,999.40
Competitive bids.....	1.00
Sisseton and Wahpeton lands.....	1,400.00
Act of March 2, 1895 (restoration to public domain lands not needed for naval purposes).....	51.85
Act of September 30, 1890 (extending time for payment for homesteads and preemptions).....	200.00
Act of March 3, 1887 (sales of land claimed on account of railroad grants).....	6,217.49
Act of February 17, 1897 (to enable certain persons to procure title to public lands).....	638.23
Act of January 18, 1897 (disposal of land in Greer County, Okla.)...	29,101.65
Act of August 15, 1894 (Yankton, Sioux, and Siletz Indian ceded lands).....	204,797.75
Act of September 29, 1890 (forfeited by railroad company and sold to individuals).....	9,495.68
Total	1,291,076.10

FEES AND COMMISSIONS.

For homestead entries, original and final	\$716,518.96	
For timber-culture entries, original and final	22,770.00	
For military bounty land warrants	89.50	
For agricultural college scrip	20.00	
For State selections	9,127.00	
For railroad selections	8,974.00	
For wagon-road selections	1,022.00	
For final commissions Sac and Fox lands	580.84	
For final commissions on commuted Sioux lands	42.78	
For preemption, coal, and other filings	26,345.00	
For reducing testimony to writing, etc.	67,775.42	
		<u>\$853,265.50</u>
Total receipts from disposal of public land	2,144,341.60	
Total receipts from disposal of Indian land	100,317.49	
Total receipts from depredations on public land	15,876.60	
Total receipts from sales Government property	6,936.73	
Total receipts from furnishing transcripts of records and plats, General Land Office	10,522.76	
		<u>2,277,995.18</u>

The total cash receipts for the fiscal year ending June 30, 1897, were \$2,087,931.28, showing an increase in receipts for the year ending June 30, 1898, as compared with the preceding fiscal year, of \$190,063.90. The total expense of district land offices, for salaries and commissions of registers and receivers, incidental expenses, and expenses of depositing public moneys, during the fiscal year ending June 30, 1898, was \$617,411.77, an increase, as compared with the fiscal year ending June 30, 1897, of \$12,674.84.

8 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Number and class of final and original entries and selections made during the fiscal year as compared with the

Class of entry.	Number of entries.	Number of acres.	Cash receipts.	
			Sales.	Fees and commissions.
FINAL ENTRIES.				
Private	92	4,715.28	\$6,173.47	-----
Public auction	448	28,955.29	39,934.07	-----
Preemption	112	15,399.08	20,367.42	-----
Timber and stone	573	60,955.73	152,414.99	-----
Mineral	1,625	47,899.06	208,489.01	-----
Desert land	793	127,807.99	130,247.27	-----
Commuted homesteads (sec. 2301, Rev. Stat.)	1,247	154,600.07	210,535.25	-----
Commuted timber cultures (act March 3, 1891)	63	7,579.74	9,637.53	-----
Commuted homesteads (acts June 15, 1880, and May 2, 1890)	127	17,600.74	25,621.03	-----
Excesses on homestead and other entries	3,260	9,567.48	13,272.04	-----
Coal land	30	4,078.63	74,411.60	-----
Town lots	90	-----	10,452.50	-----
Town sites	5	480.00	700.00	-----
Supplemental payments	34	482.62	217.49	-----
Graduation entries	29	2,420.37	640.45	-----
Abandoned military reservations	5	519.34	975.05	-----
Cash substitution	1	40.00	50.00	-----
Indian land commuted under special acts	1,209	172,349.48	258,069.56	-----
Sales of land under act January 18, 1897	909	136,854.28	29,101.65	-----
Under sundry acts	98	14,611.83	21,034.26	-----
Homestead	22,281	3,095,017.75	-----	\$111,117.66
Timber culture	5,691	868,133.73	-----	22,756.00
Military bounty land warrants	25	3,580.00	-----	89.50
Scrip locations under the several acts	107	10,008.80	-----	20.00
Indian allotments	180	25,745.76	-----	-----
Swamp lands patented	-----	81,112.96	-----	-----
Final commissions on Indian lands	-----	-----	-----	623.62
Donation claims	-----	-----	-----	-----
Indian lands	39,034	4,887,516.01	1,212,344.64	134,606.78
-----	517	32,193.19	100,317.49	-----
Total	α 39,551	4,919,709.20	1,312,662.13	134,606.78
ORIGINAL ENTRIES.				
Desert land	2,001	-314,916.68	78,731.46	-----
Homestead	44,980	6,206,557.61	-----	605,401.30
Timber culture	1	160.00	-----	14.00
Total	46,982	6,521,634.29	78,731.46	605,415.30
RAILROAD, STATE, AND WAGON-ROAD SELECTIONS.				
Railroad	4,487	710,343.87	-----	8,974.00
State (under the several acts)	4,619	676,467.61	-----	9,127.00
Wagon road	509	81,452.06	-----	1,022.00
Total	9,615	1,468,263.54	-----	19,123.00
FILING AND MISCELLANEOUS FEES.				
Filing fees and mineral adverse claims	3,658	-----	-----	26,345.00
Fees for reducing testimony to writing, etc.	-----	-----	-----	67,775.42
Total	3,658	-----	-----	94,120.42
RECAPITULATION BY TOTALS.				
Final entries	39,551	4,919,709.20	1,312,662.13	134,606.78
Original entries	46,982	6,521,634.29	78,731.46	605,415.30
Railroad, State, and wagon-road selections	9,615	1,468,263.54	-----	19,123.00
Filing and miscellaneous fees	3,658	-----	-----	94,120.42
Total	99,806	12,909,607.03	1,391,393.59	853,265.50
Deduct totals of decrease	-----	-----	-----	-----
Net total of increase	-----	-----	-----	-----

α Entries originated and completed within the year embrace 463,969.09 acres; entries originating in former years and heretofore so reported, but completed during fiscal year 1898, embrace 4,455,710.11 acres; total acreage of final entries within the year, 4,919,709.20.

year ending June 30, 1898; also the amount of cash for same, and increase or decrease year ending June 30, 1897.

Increase as compared with 1897.				Decrease as compared with 1897.			
Number of entries.	Number of acres.	Cash sales.	Fees and commissions.	Number of entries.	Number of acres.	Cash sales.	Fees and commissions.
	59.23			1		\$671.22	
				54	133.96	349.18	
				26	3,148.59	4,215.26	
216	20,345.78	\$50,889.73					
389	16,705.84	74,366.51					
229	30,364.63	26,037.99					
				40	5,781.13	13,356.43	
				22	3,737.49	4,955.63	
127	17,600.74	25,621.03					
987	3,068.65	4,030.31					
	177.12	23,282.50		6			
72		8,926.50					
1		32.80			13.76		
6					1,798.19	1,065.79	
22	1,987.76	515.12					
	519.34	843.05		32			
1,209	172,349.48	253,069.56			120.00	150.00	
876	131,605.67	27,788.83					
				532	97,394.83	137,663.70	
2,166	316,613.55		\$12,560.00				
753	119,006.04		3,012.43				
			16.00	10	342.28		\$20.50
				112	3,043.77		
				83	14,556.34		
			88.56		719,500.16		
				7	1,267.50		55.00
7,053	830,403.88	500,403.93	16,676.99	975	850,898.00	162,427.31	75.50
				190	53,316.72	338,398.82	
67,053	830,403.88	500,403.93	16,676.99	1,165	904,214.72	500,826.13	75.50
798	140,715.49	35,188.29					
11,730	1,754,267.77		164,425.74				
				4	486.60		51.00
12,528	1,894,983.26	35,188.29	164,425.74	4	486.60		51.00
1,734	265,267.61		3,362.00	5,187	828,120.36		10,376.25
4	1,652.36		12.00				
1,738	266,919.97		3,362.00	5,187	828,120.36		10,376.25
				509			5,287.00
			6,120.97				
			6,120.97	509			5,287.00
7,053	830,403.88	500,403.93	16,676.99	1,165	904,214.72	500,826.13	75.50
12,528	1,894,983.26	35,188.29	164,425.74	4	486.60		51.00
1,738	266,919.97		3,362.00	5,187	828,120.36		10,376.25
			6,120.97	509			5,287.00
21,319	2,992,307.11	535,592.22	190,585.70	6,865	1,732,821.68	500,826.13	15,789.75
6,865	1,732,821.68	500,826.13	15,789.75				
14,454	1,260,485.43	34,766.09	174,795.95				

Net increase in number of final entries, 5,868; decrease of area in final entries, 73,810.84 acres; net increase of original entries, 12,524; increase of area, 1,394,496.66 acres.

ISSUE OF PATENTS FOR LANDS DISPOSED OF.

AGRICULTURAL PATENTS ISSUED.

Patents of the class denominated agricultural were issued during the fiscal year ending June 30, 1898, to the number of 30,293, containing approximately 4,846,880 acres, made up of the following, viz:

Cash patents.....	5,315
Homestead patents.....	20,390
Timber-culture patents.....	4,465
Military bounty land patents.....	56
Agricultural college scrip patents.....	7
Supreme Court scrip patents.....	4
Surveyor-general's scrip patents.....	25
Sioux half-breed scrip patents.....	28
Choctaw scrip patents.....	1
Arredondo scrip patents.....	1
Special act of Congress patents.....	1
Total.....	<u>30,293</u>

The class of patents embraced in the above includes all patents issued on final and commuted homestead entries, on desert-land, timber-culture, preemption, private cash, town-site, and other entries embracing land of an agricultural, nonmineral character.

This statement shows a decrease in the number of patents issued during the last fiscal year, as compared with the preceding year, of 1,794, and in the approximate number of acres contained therein a decrease of 287,040.

MINERAL PATENTS.

Of mineral and mill-site patents 1,259 were issued, as against 1,085 for the fiscal year ending June 30, 1897, an increase of 174. Of coal patents 43 were issued, as against 32 for the preceding year, an increase of 11, and included an area of 4,907.93 acres, as against an area of 3,606.59 acres, an increase of 1,301.34 acres.

In the following table are shown the States and Territories in which mineral and mill-site and coal-land patents were issued:

State or Territory.	Coal land.	Area in acres.	Mineral and mill site.
Alaska			1
Arizona			29
Arkansas			6
California			84
Colorado	11	840	745
Florida			1
Idaho			24
Montana	12	1,521.97	129
Nevada			29
New Mexico	11	1,229.86	11
Oregon			18
South Dakota			53
Utah	1	160	113
Washington	2	276.10	14
Wyoming	6	880	2
Total	43	4,907.93	1,259

The mineral and mill-site patents issued, 1,259 in number, as above shown, embrace 2,492 mineral and mill-site claims and an area of 31,605.411 acres.

RAILROAD LANDS PATENTED.

During the fiscal year ending June 30, 1898, lands have been certified or patented on account of railroad grants as follows, viz:

Name of railroad.	Where located.	Number of acres.
Alabama and Chattanooga	Alabama	160.44
Central Branch Union Pacific	Kansas	2,824.40
Central Pacific (proper)	California	2,440.47
Do	Nevada	9,235.04
Do	Utah	160.00
Chicago, Rock Island and Pacific	Iowa	40.00
Central Pacific (successor to California and Oregon)	California	15,040.45
Union Pacific (successor to Denver Pacific)	Colorado	49,171.74
Florida Central and Peninsular	Florida	2,958.61
Gulf and Ship Island	Mississippi	200.60
Union Pacific (successor to Kansas Pacific)	Kansas	52,166.78
Do	Colorado	4,637.20
Chicago, Milwaukee and St. Paul	Iowa	120.00
Missouri, Kansas and Texas	Kansas	1,679.17
New Orleans Pacific	Louisiana	7,786.65
Northern Pacific	Minnesota	22,460.00
Do	North Dakota	4,267.13
Do	Montana	518,404.04
Do	Idaho	34,626.46
Do	Washington	30,714.69
Oregon and California	Oregon	57,815.84
Oregon and California (successor to Oregon Central)	do	72.75
St. Paul, Minneapolis and Manitoba (act Aug. 5, 1892)	North Dakota	261.58
St. Paul and Northern Pacific	Minnesota	8,902.20
Sioux City and Pacific	Nebraska	80.00
Southern Pacific (main line)	California	9,788.85
Southern Pacific (branch line)	do	11,082.48
Union Pacific (proper)	Nebraska	1,239.92
Do	Utah	46,203.13
Do	Wyoming	102,697.45
Do	Colorado	35,175.97
Wisconsin Central	Wisconsin	120.80
Total		1,032,534.84

As against an area patented to railroads during the preceding fiscal year of 5,101,969.31 acres, showing a decrease of 4,069,434.47 acres.

SWAMP-LAND PATENTS.

The following statement shows the acreage of swamp and overflowed lands and swamp-land indemnity lands patented during the fiscal year ending June 30, 1898; also the acreage reported to this office as claimed or selected by the several States to which the swamp laws have been extended, and the acreage of selections approved by the Secretary of the Interior during the same period. There is also added the total acreage certified and patented from the date of the passage of the earliest of the swamp-land grants to June 30, 1898:

Swamp lands and swamp-land indemnity lands selected, approved, and patented during the fiscal year ending June 30, 1898; also the total number of acres patented since the dates of the grants.

State.	Swamp lands.			Swamp-land indemnity lands.			Total patented since dates of grants.
	Selected.	Approved.	Patented.	Selected.	Certified.	Patented.	
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama							433,232.52
Arkansas		228.32	240.00				7,674,405.16
California							1,745,938.80
Florida	1,915.00	12,922.44	13,646.76				17,156,970.99
Illinois		304.10	304.00				1,458,851.29
Indiana			847.88				1,258,990.93
Iowa		1,029.56	829.56				1,189,232.45
Louisiana:							
Act of 1849		7,037.11	7,037.11				8,720,026.47
Act of 1850		4,155.16	3,807.88		226.35	2,153.82	330,818.72
Michigan		127.16	127.16				5,675,671.50
Minnesota	108,070.38	47,445.04	49,737.69				3,655,227.00
Mississippi							3,320,395.29
Missouri			149.65				3,423,555.45
Ohio	1.24	1.24	1.24				25,776.95
Oregon		1,791.71	2,190.21				222,567.93
Wisconsin		200.00	40.00				3,354,934.82
Total	109,986.62	75,241.84	78,959.14		226.35	2,153.82	59,646,696.27

From the above table it will be seen that there were certified under the act of March 2, 1849, or patented under the act of September 28, 1850, as swamp land in place 78,959.14 acres, and that there were patented under the act of March 2, 1855, as swamp-land indemnity lands 2,153.82 acres, making a total of 81,112.96 acres certified or patented under the swamp-land laws during the fiscal year. The patents issued under these laws in the previous year amounted to 800,673.12 acres of swamp lands in place and 1,278.41 acres of swamp-land indemnity lands, making a total of 801,951.53 acres. Thus there were patented under the swamp-land laws during the fiscal year 720,838.57 acres less than in the previous fiscal year. This large decrease is due to the fact that all the large claims of record have generally been adjudicated, and that those remaining for adjustment (with the exception of newly surveyed lands in Minnesota, the Everglades in Florida, and the beds of lakes in California) are mere remnants of old claims which have heretofore been passed over on account of their being involved in contests or other conflicting claims, the removal of which requires, in many instances, much correspondence and its attendant delays.

INDIAN AND MISCELLANEOUS PATENTS.

The following statement shows the area of lands embraced in Indian and miscellaneous patents issued during the fiscal year ending June 30, 1898, by States and Territories, viz:

	Acres.		Acres.
Alaska	266.00	Montana	1,260.76
Arkansas	640.00	New Mexico	3,159.82
Colorado	76,427.69	North Dakota	40,815.29
Florida	11,612.97	Washington	132.63
Idaho	1,871.345	Wisconsin	4,252.67
Kansas	120.00		
Louisiana	36,013.73	Total	176,572.905

This is a decrease in area, as compared with the last previous fiscal year, of 323,731.465 acres, the area patented during the last fiscal year having been 500,304.37 acres. The decrease is chiefly in the area of Indian allotments patented.

CERTIFICATION OF LANDS GRANTED FOR EDUCATIONAL AND OTHER PURPOSES.

Lists of lands selected by the several States and Territories, and approved by the Secretary of the Interior, were duly certified during the last fiscal year to the amount of 459,122.66 acres.

The following is a table of the lists certified:

State or Territory.	Land districts.	Date of approval.	No. of list.	Grant.		Amount certified.
				Authority of law.	Purpose for which granted.	
California	Independence	June 15, 1898	7	Sec. 7, act Mar. 3, 1853.	School-land indemnity.	Acres. 9,658.53
Do	Los Angeles	July 16, 1897	22	do	do	7,178.52
Do	do	Apr. 29, 1898	23	do	do	5,794.72
Do	Marysville	Apr. 18, 1898	15	do	do	2,847.50
Do	San Francisco	Apr. 29, 1898	63	do	do	21,074.95
Do	Sacramento	Feb. 26, 1898	11	do	do	2,943.76
Do	Shasta	July 16, 1897	8	do	do	21,995.42
Do	Stockton	July 29, 1897	19	do	do	1,010.91
Do	do	May 17, 1898	20	do	do	2,240.02
Do	Shasta	June 24, 1898	9	do	do	6,052.49
Do	Susanville	Feb. 21, 1898	8	do	do	24,562.76
Do	Visalia	Feb. 19, 1898	9	do	do	5,541.96
Florida	Gainesville	Nov. 2, 1897	19	Sec. 1, act Mar. 3, 1845.	do	199.97
Idaho	Boise	Oct. 4, 1897	7	Sec. 11, act June 3, 1890.	State normal schools.	2,569.58
Do	do	do	9	do	Insane asylum.	2,961.68
Do	do	Oct. 5, 1897	7	do	Scientific schools	5,253.42
Do	do	Dec. 22, 1897	8	do	State charitable, educational, etc., institutions.	2,080.00
Do	do	do	6	Sec. 6, act June 3, 1890.	Public buildings.	3,047.00
Do	Lewiston	Feb. 21, 1898	8	Sec. 11, act June 3, 1890.	Scientific schools	960.00
Do	do	Mar. 9, 1898	8	do	State normal schools.	1,710.65
Louisiana	New Orleans	Jan. 14, 1898	24	Act May 20, 1826.	School-land indemnity.	201.17
Minnesota	Marshall	Sept. 23, 1897	3	Sec. 5, act Feb. 26, 1857.	do	40.00
Do	Crookston	do	5	do	do	80.00
Do	Duluth	Oct. 1, 1897	4	do	do	40.00
Do	St. Cloud	do	9	do	do	18.60
Mississippi	Jackson	Nov. 16, 1897	2	Act Feb. 20, 1895.	Agricultural college.	22,809.80
Montana	Helena	Oct. 2, 1897	6	Sec. 17, act Feb. 22, 1889.	Public buildings.	11,992.20
Do	Missoula	Oct. 7, 1897	5	do	Deaf and dumb asylum.	3,535.19

14 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Certification of lands granted for educational and other purposes—Continued.

State or Territory.	Land districts.	Date of approval.	No. of list.	Grant.		Amount certified.
				Authority of law.	Purpose for which granted.	
Montana	Missoula	Oct. 7, 1897	6	Sec. 17, act Feb. 22, 1888.	School of mines.	Acres. 3, 160.00
Do	do	Oct. 11, 1897	7	do	Public buildings.	9, 680.00
Nevada	Carson City	July 22, 1897	22	Sec. 1, act June 16, 1880.	Support of common schools.	4, 415.86
Do	do	Oct. 8, 1897	23	do	do	2, 119.45
Do	do	Oct. 25, 1897	24	do	do	15, 844.37
Do	do	Jan. 17, 1898	25	do	do	16, 489.86
Do	do	Mar. 11, 1898	26	do	do	2, 415.58
Oregon	Lakeview	Aug. 23, 1897	12	Sec. 4, act Feb. 14, 1859.	School-land indemnity.	4, 012.89
Do	do	Oct. 25, 1897	13	do	do	411.05
Do	do	Jan. 3, 1898	14	do	do	9, 083.39
Do	do	May 16, 1898	15	do	do	1, 177.53
Do	La Grande	Nov. 16, 1897	8	do	do	3, 868.18
Do	do	June 16, 1898	9	do	do	3, 659.29
Do	Oregon City	Nov. 19, 1897	15	do	do	6, 384.64
Do	do	May 18, 1898	16	do	do	18, 053.40
Do	Roseburg	Nov. 16, 1897	15	do	do	3, 014.67
Do	do	June 25, 1898	16	do	do	1, 627.85
Do	The Dalles	July 20, 1897	12	do	do	4, 400.38
Do	do	Feb. 7, 1898	13	do	do	7, 182.79
Do	do	June 2, 1898	14	do	do	6, 195.32
Do	do	June 15, 1898	15	do	do	4, 623.77
Utah	Salt Lake City	Apr. 11, 1898	1	Sec. 12, act July 16, 1894.	Normal schools.	1, 560.00
Do	do	do	1	do	Blind asylum	1, 240.74
Do	do	do	1	do	Reservoirs	3, 562.16
Do	do	Apr. 26, 1898	1	Sec. 8, act July 16, 1894.	Agricultural college.	2, 960.26
Do	do	May 11, 1898	1	Sec. 12, act July 16, 1894.	School of mines.	3, 471.07
Do	do	do	1	do	Insane asylum	2, 243.92
Do	do	do	1	do	Hospital for miners.	2, 119.96
Do	do	May 16, 1898	1	Sec. 8, act July 16, 1894.	State university.	7, 509.92
Washington	North Yakima	May 9, 1898	9	Sec. 16, act Feb. 22, 1889.	Agricultural college.	4, 212.22
Do	Olympia	Oct. 25, 1897	13	Sec. 17, act Feb. 22, 1889.	Public buildings.	3, 471.21
Do	Seattle	July 27, 1897	12	do	do	895.92
Do	do	Dec. 23, 1897	14	do	do	2, 199.31
Do	Vancouver	July 23, 1897	9	do	State normal school.	3, 639.31
Do	do	Oct. 25, 1897	12	do	Scientific school.	1, 585.96
Wyoming	Buffalo	Oct. 8, 1897	8	Sec. 11, act July 10, 1890.	State, charitable, educational, etc., institutions.	23, 700.08
Do	do	Feb. 17, 1898	12	do	do	18, 053.62
Do	Cheyenne	Nov. 9, 1897	10	do	do	2, 125.70
Do	Douglas	Oct. 27, 1897	9	do	do	8, 185.04
Do	Evanston	Nov. 23, 1897	11	do	do	8, 182.41
Do	Lander	June 3, 1898	14	do	do	23, 380.18
Do	Sundance	Mar. 4, 1898	13	do	do	1, 000.00
Do	Buffalo	Oct. 26, 1897	5	do	Fish hatchery	1, 118.26
Do	do	Nov. 27, 1897	6	do	do	440.15
Do	do	Dec. 10, 1897	3	do	Public buildings.	960.00
Do	do	Dec. 16, 1897	2	Sec. 6, act July 10, 1890.	do	3, 178.59
Do	do	Dec. 23, 1897	5	Sec. 11, act July 10, 1890.	Insane asylum	600.00
Do	do	Jan. 31, 1898	4	do	Deaf and dumb asylum.	5, 384.63
Do	do	Feb. 7, 1898	6	do	Penal and reformatory institutions.	4, 048.01
Do	do	Feb. 18, 1898	4	do	Poor farm	80.00
Do	Cheyenne	Jan. 24, 1898	3	Sec. 6, act July 10, 1890.	Public buildings.	1, 524.12
Do	Douglas	Nov. 3, 1897	3	Sec. 10, act July 10, 1890.	Agricultural college.	626.64
Do	do	Dec. 10, 1897	3	Sec. 11, act July 10, 1890.	Deaf and dumb asylum.	3, 617.92
Do	do	May 12, 1898	7	Sec. 10, act July 10, 1890.	Agricultural college.	5, 280.68
Do	Evanston	Nov. 16, 1897	4	do	do	4, 039.27
Do	do	Jan. 25, 1898	6	do	do	2, 224.33
Do	Sundance	Jan. 7, 1898	5	do	do	1, 920.00
Do	do	Feb. 25, 1898	4	Sec. 11, act July 10, 1890.	Public buildings.	2, 560.00
Total						459, 122.66

The foregoing statement shows that 459,122.66 acres were approved and certified during the last fiscal year. The aggregate of lands of the same class certified during the fiscal year ending June 30, 1897, was 739,417.95 acres, showing a decrease during the last fiscal year of 280,295.29 acres.

In addition to this, selections aggregating 11,848.15 acres were canceled during the year.

PRIVATE LAND CLAIMS.

Three private land claims in New Mexico, which were confirmed by the Court of Private Land Claims, have been patented during the fiscal year.

At least twenty other claims so confirmed and surveyed could be patented if the claimants would make the payments required by law. Section 10 of the act approved March 3, 1891 (26 Stat., 854), provides, among other things, that—

One-half of the necessary expenses of making the survey and plat provided for in this section, and in respect of which a patent shall be ordered to be issued, shall be paid by the claimant or patentee, and shall be a lien on said land, which may be enforced by the sale of so much thereof as may be necessary for that purpose, after a default of payment thereof for six months next after the approval of such survey and plat, and no patent shall issue until such payment.

The method of enforcing this lien is not provided for by the act, and it is presumed that it would require an action at law on behalf of the United States against the owners of any such grant to recover the sum due for surveying and platting the claim.

I therefore recommend that the Attorney-General be requested to render an opinion as to the mode of procedure to be followed in enforcing the lien provided for by the act aforesaid in order that this office may take such action in the premises as may be deemed proper.

Recapitulation of areas embraced in patents issued as stated in the foregoing.

Patents.	1897.	1898.	Increase.	Decrease.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Agricultural	5,133,920.00	4,846,880.00	-----	287,040.00
Coal	3,606.59	4,907.93	1,301.34	-----
Mineral and mill site	28,756.472	31,605.411	2,848.939	-----
Railroad	5,101,969.31	1,032,534.84	-----	4,069,434.47
Swamp	800,673.12	78,959.14	-----	721,713.98
Swamp indemnity	1,278.41	2,153.82	875.41	-----
Indian and miscellaneous	500,304.37	176,572.905	-----	323,731.465
School selections	739,417.95	459,122.66	-----	280,295.29
Total	12,309,926.222	6,632,736.706	5,025.689	5,682,215.205

Net decrease, 5,677,189.516 acres.

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BOUNTY-LAND BUSINESS.

The following is a statement of the number of acres represented by military bounty-land warrants located in the several land States and Territories for the year ending June 30, 1898, or not heretofore reported, which warrants were issued under the acts of 1847, 1850, 1852, and 1855. The aggregate number of acres is computed at the rate of \$1.25 per acre. It does not show the exact area of the lands located with the warrants:

	Acres.		Acres.
Arizona	160	Montana	160
California	160	North Dakota	120
Colorado	1,900	South Dakota	160
Idaho	320	Utah	920
Michigan	480	Washington	360
Minnesota	5,440		
Missouri	440	Total	10,620

Summary of warrants.

Denomination of warrants.	40 acres.	60 acres.	80 acres.	120 acres.	160 acres.	Total.
Act of 1847					5	800
Act of 1850	5		2			360
Act of 1852	1					40
Act of 1855		1	12	14	42	9,420
Total	6	1	14	14	47	10,620

FINAL ENTRIES PENDING.

It appears from the reports of the different divisions of this office that at the close of the fiscal year ending June 30, 1898, there were 16,430 final entries pending, an increase of 456 over the number of final entries pending in the office June 30, 1897.

VACANT PUBLIC LANDS, WITH AREA RESERVED AND APPROPRIATED.

Reports have been received from the various land offices giving an approximate estimate of the quantity of vacant public lands, together with the area reserved and appropriated, in the several land districts

at the close of the fiscal year ending June 30, 1898, of which the following is presented as a recapitulation:

State or Territory.	Area unappropriated and unre-served.			Area reserved.	Area ap-pro-priated.	Total area of land sur-face.
	Surveyed.	Unsur-veyed.	Total.			
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama	522, 373		522, 373	86, 240	32, 049, 387	32, 658, 000
Arizona	11, 930, 820	42, 438, 203	54, 369, 023	12, 738, 022	5, 685, 455	72, 792, 500
Arkansas	3, 696, 990		3, 696, 990	1, 920	29, 844, 590	33, 543, 500
California	34, 272, 434	8, 230, 589	42, 503, 023	16, 189, 170	40, 668, 890	99, 381, 083
Colorado	35, 273, 705	4, 434, 846	39, 708, 551	6, 225, 533	20, 456, 568	66, 390, 650
Florida	1, 592, 893	164, 382	1, 757, 275	19, 840	33, 487, 885	35, 264, 500
Idaho	11, 268, 786	32, 939, 163	44, 207, 949	1, 939, 869	6, 682, 382	52, 830, 200
Indian Territory				19, 575, 040		19, 575, 040
Iowa					35, 228, 800	35, 228, 800
Kansas	1, 060, 883		1, 060, 883	987, 875	50, 334, 242	52, 383, 000
Louisiana	690, 527	65, 018	755, 545	1, 474, 834	26, 632, 809	28, 863, 188
Michigan	505, 895		505, 895	87, 746	36, 225, 359	36, 819, 000
Minnesota	3, 246, 498	2, 473, 828	5, 720, 326	4, 983, 409	40, 985, 705	51, 689, 440
Mississippi	383, 950		383, 950		29, 301, 050	29, 685, 000
Missouri	445, 911		445, 911		43, 350, 089	43, 796, 000
Montana	16, 932, 837	54, 674, 779	71, 607, 616	11, 424, 213	12, 227, 891	95, 259, 720
Nebraska	10, 548, 450		10, 548, 450	70, 522	38, 518, 367	49, 137, 339
Nevada	29, 179, 480	32, 179, 129	61, 358, 609	5, 983, 409	2, 994, 482	70, 336, 500
New Mexico	42, 960, 793	13, 917, 042	56, 877, 835	6, 029, 448	15, 289, 722	78, 197, 005
North Dakota	11, 717, 278	8, 857, 335	20, 574, 613	3, 050, 610	21, 277, 764	44, 902, 987
Oklahoma	7, 004, 362	2, 860	7, 007, 222	7, 207, 160	10, 539, 281	24, 753, 663
Oregon	24, 095, 763	11, 802, 106	35, 897, 869	5, 467, 702	20, 260, 647	61, 626, 218
South Dakota	10, 890, 284	2, 092, 542	12, 982, 826	10, 922, 506	24, 253, 223	45, 158, 555
Utah	9, 816, 110	34, 121, 786	43, 937, 896	5, 383, 467	3, 258, 637	52, 580, 000
Washington	5, 319, 428	8, 123, 154	13, 442, 582	11, 131, 345	18, 110, 157	42, 684, 084
Wisconsin	413, 799		413, 799	385, 353	34, 495, 848	35, 275, 000
Wyoming	42, 946, 054	6, 135, 209	49, 081, 263	8, 171, 043	5, 180, 694	62, 433, 000
Grand total	316, 716, 303	282, 651, 971	579, 368, 274	139, 516, 276	637, 339, 422	1, 356, 223, 972

This aggregate is exclusive of Ohio, Indiana, and Illinois, in which, if any public land remains, it consists of a few small isolated tracts. Alaska, which contains about 577,390 square miles, or 369,529,600 acres of land, mostly unsurveyed and unappropriated, is also excluded.

PUBLIC SURVEYS.

The areas covered by surveys accepted by this office during the fiscal year ending June 30, 1898, are as follows:

	Acres.		Acres.
Arizona	47, 336	North Dakota	888, 451
California	188, 977	Oregon	609, 915
Colorado	123, 667	South Dakota	877, 078
Florida	199	Utah	248, 270
Idaho	1, 148, 408	Washington	413, 763
Louisiana	1, 207	Wyoming	593, 606
Minnesota	486, 653		
Montana	454, 790	Total	6, 237, 371
New Mexico	155, 051		

By the act of Congress approved June 4, 1897 (30 Stat. L., 32), making appropriations for the sundry civil expenses of the Government for the fiscal year ending June 30, 1898, and for other purposes, there was appropriated "for surveys and resurveys of public lands" the sum of \$325,000, of which amount not exceeding \$15,000 was

authorized to be expended for resurveys, and an amount not exceeding \$40,000 for the cost of examinations in the field, etc.

Deducting the sums of \$15,000 and \$40,000 authorized to be used for resurveys and examinations, respectively, and the sum of \$10,000 reserved for emergencies, there remained available for apportionment among the several surveying districts the sum of \$260,000. The apportionment made to the several districts was as follows:

Arizona.....	\$5,000	South Dakota.....	\$4,000
California.....	20,000	Utah.....	20,000
Colorado.....	10,000	Washington.....	42,000
Idaho.....	32,000	Wyoming.....	25,000
Minnesota.....	5,000	Resurveys.....	15,000
Montan.....	42,000	Examinations.....	40,000
Nevada.....	5,000	Reserve.....	10,000
New Mexico.....	10,000		
North Dakota.....	20,000	Total.....	325,000
Oregon.....	20,000		

By the urgent deficiency appropriation act approved January 28, 1898, authority was granted to use of the appropriation for the fiscal year 1898 for surveying the public lands, not exceeding \$20,000 for examinations in the field, in addition to the sum of \$40,000 authorized by said appropriation by the sundry civil act for the fiscal year 1898. The unused part of the reserve fund and the uncontracted portions of the sums assigned for surveys in several districts were sufficient to cover the additional amount allowed for examinations in the field.

The annual surveying instructions for the fiscal year ending June 30, 1898, which were issued under date of July 15, 1897, will be found in the appropriate place in this report.

TRANSACTIONS IN THE SEVERAL SURVEYING DISTRICTS.

ARIZONA.

The original apportionment made to Arizona out of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$5,000. Two contracts, involving a liability of \$2,750, were awarded and approved, as also three sets of special instructions in lieu of contracts and bonds, providing for resurveys to the amount of \$315. Two sets of supplemental special instructions, issued to deputies under previously awarded contracts, were issued and approved.

One contract, involving a liability of \$2,250, was awarded to Charles von Erxleben for the survey of designated standard and exterior lines and the exteriors and subdivisions of T. 31 N., Rs. 11 and 12 E. The surveys were based on the petitions of the inhabitants of the town of Tuba City. This office declined to approve said contract for the reason that the evidences of settlement outside of Tuba City (a mining town) were deemed insufficient to warrant the extension of 90 miles

of standard lines and the exterior lines of seven townships on the petition of the residents of said town.

In his annual report the surveyor-general states that during the fiscal year 8 townships were surveyed, involving the preparation of 58 plats and diagrams and accompanying transcripts of field notes embraced in 28 books.

The number of miles surveyed during the year aggregated 529. Acreage of public lands surveyed, 123,710.18.

The special deposits made by individuals for office work and stationery in connection with the survey of mineral claims for the year ending June 30, 1898, amounted to \$4,596. Mineral surveys ordered, 45; number of locations embraced in said orders, 143 lodes, 10 placers, and 13 mill sites. Mineral orders amended, 6; mineral surveys approved, 33; mineral surveys pending, 24; mineral plats made, 162; transcripts of mineral surveys, notes, etc., 33.

The surveyor-general estimates that the sum of \$20,000 is needed for public surveys during the fiscal year ending June 30, 1900, and \$30,000 for the survey of the public lands situate within the limits of land grants made by Congress to aid in the construction of railroads, etc.

In explanation of said estimates the surveyor-general makes the following statements, viz:

I ask for only \$20,000 for the survey of the public lands, though \$40,000 could be judiciously used.

The area of this Territory aggregates 72,906,240 acres, of which only 17,248,889 have been surveyed. Consequently there are many bona fide settlers in the Territory, remote from the lines of the public surveys, who are anxious to obtain titles to their lands. These surveys can not be made until we obtain a larger appropriation, they not being in direct line of the extension of the public surveys. To meet this difficulty it is necessary to establish standard parallels and guide meridians, from 50 to 125 miles in length, in different portions of the Territory, from which to initiate the township surveys that would embrace the lands of such settlers.

I have received applications from the settlers of Tuba City, Coconino County, for the survey of seven townships, on one of which their village is situated. The nearest public survey to this place from which the survey could be properly initiated is 65 miles distant.

This contract alone, had it been awarded, would have consumed the entire \$5,000 apportioned to Arizona for the surveys of the public lands for the present fiscal year.

It is a recognized fact that a large majority of settlers, for some reason unknown to me, do not apply for surveys. The reason assigned by some is that they or their neighbors have applied for years without success, and now deem it useless to make application. Still, I have been unable, from lack of funds, to meet the demands of those who have filed applications.

Twenty thousand dollars is as small a sum as should be apportioned to Arizona, which, with the other estimated amounts, are absolutely essential to the best interest of the service.

The sum of \$30,000 for the survey of lands situate within the limits of railroad land indemnity grants is based on the application of the Atlantic and Pacific Rail-

road (now the Santa Fe and Pacific) for the survey of 32 townships situate on these lands. This application was made in 1896, and again in 1897. In each instance the reference of the matter to the honorable Commissioner of the General Land Office elicited the response that the application could not at that time be entertained on account of the \$100,000 appropriation, per act of March 2, 1895, for that purpose having been exhausted. That being a continuous fund, reappropriated as it is returned by the respective railroads, I respectfully call your attention to the fact that the vast area covered by such grant in this Territory has not received any aid from the said appropriation, though it is very much needed.

ALASKA.

Under the provisions of the act of Congress approved July 24, 1897, the appointment of a surveyor-general for the district of Alaska was authorized, and the appointment was duly made, and the term of office commenced November 5, 1897.

As the public land system has not yet been formally extended over Alaska, and as the expense of surveying mineral claims and of lands for securing entries for town-site, trading, and manufacturing purposes is payable from special deposits made by the applicant for surveys, as authorized by the act of Congress approved March 3, 1891, and circular instructions of June 3, 1891, the annual appropriation for surveying the public lands is not applicable to Alaska.

In his annual report the surveyor-general refers to the condition of the office when he assumed charge, and states as follows:

The office work during my term of office has been very onerous. In addition to the regular routine work, there was, upon my taking charge of the office, months of work in arrears. In fact, there had been no files or proper records kept, and to perform the work properly and fulfill the urgent demands that were constantly made upon this office it required both the clerk and myself to work from early morning until late at night.

Number of applications for survey of nonmineral lands, 193; for survey of mineral claims, 3.

Referring to the work of this office, the surveyor-general summarizes the same in the following manner: Departmental letters, 155; miscellaneous letters, 499; estimates for office and field work, 15; orders for surveys, 13; special instructions, 10.

Returns of survey (field notes, etc.) awaiting action of the draftsman are as follows: Nonmineral, 68; mineral, 18; total, 86.

Sixty-nine certificates of deposit, amounting to \$2,340 for office work and \$2,250 for field work, were received to June 30, 1898.

The surveyor-general reports that he has appointed 24 United States deputy mineral surveyors and 15 United States deputy surveyors, all of whom have furnished acceptable bonds.

The surveyor-general, in his report, which will be found in full in its appropriate place, concludes as follows:

The indications are that there will be a vast amount of business brought before this office the ensuing year, and from a conservative consensus of opinion, based on reports from reliable sources, it will undoubtedly continue to increase proportionately.

On May 14, 1898, the act of Congress extending the homestead laws over the Territory of Alaska received the Executive sanction.

No provision was made in this bill for the extension of the rectangular system over the territory or the adoption of any system or method of carrying on the work of surveying the public lands.

After careful consideration of the nature of the country and the wide areas of mountainous land, the improbability of many applications for surveys of tracts agricultural in character, the probable isolation of the 80-acre lots, the maximum amount allowed to homestead settlers, and the impracticability of forming a connected system of base and standard lines which shall embrace the entire district, I have deemed it best for the present to continue the deposit system of surveys which was in existence prior to the passage of the act above cited. If it shall hereafter be developed that there are large areas of arable land, amounting to a considerable number of townships, I shall adopt the system of independent base and meridian lines, as is the practice in other districts whenever it is found impracticable to extend the exterior lines over inaccessible portions of the country.

Through the courtesy of the Superintendent of the United States Coast and Geodetic Survey, who has commissioned several parties this summer to make surveys in Alaska, auxiliary meridians have been established at points where observations have been taken and coast survey monuments established, by which means a valuable aid in the direction of accuracy is given to the deputies who shall be called upon to survey homestead or other entries in the vicinity of these observation stations.

Between one and two hundred applications for surveys under the act of March 3, 1891, permitting entries for trading and manufacturing purposes, have been made, but owing to the inherent defects in the surveys and failure to comply with the requirements of the act, very few of these Alaska entries have been perfected so as to receive patent.

CALIFORNIA.

Of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, the sum of \$20,000 was apportioned to the district of California.

Under said apportionment three contracts and four sets of special instructions were awarded, issued, and approved. Total liabilities, for public surveys, \$4,710; for resurveys, \$810.

One contract and one set of special instructions providing for surveys for allotments within the Hoopa Valley Indian Reservation, aggregate liability \$3,800, were awarded, issued, and approved.

Two sets of supplemental special instructions to deputies under previously awarded contracts were issued and approved.

For the survey of the public lands for the fiscal year ending June

30, 1900, the surveyor-general estimates the sum of \$20,000; also \$5,000 for resurveys in connection with new and original work.

COLORADO.

The sum of \$10,000, out of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was apportioned to the district of Colorado.

Under said apportionment one contract, liability \$750, was awarded and approved; also one set of special instructions providing for the survey of the town site of Amethyst, involving a liability of \$125.

One contract was awarded and approved, providing for the survey of the east boundary of the Southern Ute Indian Reservation; liability, \$488, payable from the appropriation of \$350,000, per act of June 15, 1880 (21 Stats., 199).

In his annual report the surveyor-general gives the following data relating to the work of his office during the fiscal year, viz: Acres of land surveyed and accepted, 124,975; acres of land surveyed but not yet accepted, 284,688; miles of line surveyed and accepted, 430; miles of line surveyed but not yet accepted, 981; townships subdivided and surveys accepted, 9; townships subdivided and surveys not yet accepted, 22; plats made, 102; diagrams in connection with adjustment of agricultural and placer claims, 42; town-site surveys accepted and pending, 2; orders issued for original mineral surveys aggregated 667, including 1,619 lodes, 54 placers, and 25 mill sites; orders for amended surveys aggregated 85, consisting of 185 lodes, 19 placers, and 2 mill sites; original mineral surveys approved, 664, including 1,511 lodes, 55 placers, and 32 mill sites; amended surveys approved, 219, covering 364 lodes, 7 placers, and 2 mill sites; total number of deputy mineral surveyors, 157; amount deposited for office work on survey of mineral claims, including balance in United States Treasury July 1, 1897, \$80,982.11.

The surveyor-general submits the following estimate of the cost of surveying the public lands during the fiscal year 1899-1900, viz: Extérieurs, \$3,300; subdivisions, \$14,000; extension surveys in townships partially surveyed, \$400; total, \$17,900.

The surveyor-general gives the following reasons for submitting said estimate, viz:

I base this estimate on the fact that there are 13 townships remaining unsurveyed now in the Southern Ute Indian Reservation, all agricultural land that should be surveyed soon after the reservation is opened for settlement, and about 20 townships of unsurveyed lands, which are either agricultural or coal lands, located outside of reservations, situate within the range and progress of settlement, and liable to be occupied by actual settlers in the near future, if legally subdivided, which should be surveyed, which will necessitate the running of about 300 miles of exterior and 2,000 miles of subdivision lines.

Applications for extension surveys in townships where only the principal valley portions have been surveyed will necessitate the running of at least 80 miles of lines.

FLORIDA.

No formal apportionment was made to Florida out of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, but special instructions were issued to Elisha B. Camp, deputy surveyor, providing for the resurvey of section lines in townships adjoining the Jose de la Maza Arrodondo grant; liability, \$400, payable from the apportionment of \$15,000 for resurveys, under the act of June 4, 1897, making the stated annual appropriation.

In his annual report the surveyor-general states that there has not been much field work done in his district during the past year, and that only two applications for survey have been approved by the General Land Office.

Owing to the arrears of office work the surveyor-general deems it advisable not to initiate new surveys until the returns of surveys already completed in the field shall have been examined and approved.

The surveyor-general estimates that \$3,500 will be required for surveys and resurveys during the fiscal year 1899-1900, and states his reasons therefor as follows:

In placing the estimate for surveys and resurveys at \$3,500, I feel that I have reached the minimum for this service. There are about 7,000,000 acres of unsurveyed land in the State of Florida, which will have to be surveyed sooner or later. The number of applications for original surveys is quite large, and comes principally from settlers and land owners who have entered into fruit and vegetable raising in the southern part of the State. Their lands rapidly increase in value and it becomes necessary to have them surveyed in order to obtain titles thereto. In view, also, of the war with Spain and the consequent mobilization of people in this part of the country, a greater interest is expected to be taken in those lands that are fit for the cultivation of fruits. It is reasonable to presume that many of the people brought to this State in connection with the troops and by reason of war interests will be led to remain here and to settle upon the public lands.

The importance of resurveys is coming more and more to my attention, as many surveyors and United States deputy surveyors send complaints to this office concerning the disappearance of Government corners and marks, many of which were established nearly three-quarters of a century ago. It is of primary importance that resurveys be made in such cases, both for the establishment of permanent lines and for furnishing deputy surveyors with points from which they can initiate new surveys. These surveys would also have the effect of preventing litigation concerning boundaries which are determined by the old surveys.

IDAHO.

Of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, the sum of \$32,000 was apportioned to Idaho for public surveys.

Under said apportionment eight contracts, involving a total liability of \$33,250, were awarded. Seven of said contracts were approved, with an aggregate liability of \$31,750. One contract, No. 188, dated September 14, 1897, awarded to Hezekiah H. Johnson, deputy surveyor, liability \$1,500, was disapproved, owing to insufficiency of evidences of settlement on the lands as submitted.

Four sets of special instructions, providing for resurveys in connection with original surveys under previously awarded contracts, were issued and approved. Aggregate liability, \$2,055, payable from the apportionment of \$15,000 for resurveys under the annual appropriation.

Special instructions were also issued and approved for the survey of two small islands situate in the Pend d'Oreille River, T. 56 N., R. 5 W., as applied for by the Northern Pacific Railway Company. Liability, \$15, payable from special deposits under sections 2401-2403, Revised Statutes, United States.

In his annual report the surveyor-general states that 65 full and fractional townships were surveyed and the returns thereof approved during the year, involving the preparation of 14 plats of exterior lines and 146 plats of subdivisional lines. One hundred and thirty certified transcripts of approved agricultural and mineral surveys were prepared and transmitted, together with 19 sets of special instructions in quadruplicate. Mileage of approved surveys, 2,995 miles 65 chains 12 links.

The total area of Idaho is 55,228,160 acres, of which 16,358,455 acres have been surveyed, leaving an unsurveyed area of 38,869,705 acres on June 30, 1898.

Special deposits during the year for office work in connection with the survey of mining claims and mill sites for patents amounted to \$3,740. Applications were received for the survey of 124 mining claims and mill sites, and estimates of necessary office expenses furnished and order of survey issued. One hundred and thirty-two mining claims, 11 placers, and 10 mill sites were surveyed, and plats and transcripts furnished the claimants.

With reference to increasing population and the necessity for larger apportionments for public surveys, the surveyor-general in his annual report makes the following statements, viz:

This State is steadily increasing in population, and settlements are being made to a large extent upon unsurveyed public lands, which conditions will necessitate, for a number of years to come, larger appropriations for public surveys. As soon as the Fort Hall Indian Reservation shall be opened to settlement there will be immediate demand for extensive surveys within its boundaries. Numerous irrigation enterprises in southern Idaho are either in course of construction or in contemplation, which, when completed, will render thousands of acres as fertile as the Valley of the Nile. In northern Idaho a hardy race of pioneers have settled upon heavily-timbered lands and have been hewing for themselves homes in the wilderness. A very large proportion of all the lands north of the forty-fifth degree of latitude are exceedingly fertile, having been enriched by the vegetable mold of ages, and have sufficient rainfall to produce excellent crops; while in southern Idaho there is a larger amount of flowing water that can be utilized for irrigation than in any other arid State in the Union.

Surveys should be permitted, not only upon the application of settlers, but whenever lands are within the range and progress of settlement. Many desirable immigrants refuse to settle within the borders of the State because lands which they

desire have not been surveyed, and they refuse to wait for a year or two for the execution and acceptance of surveys.

During the last quarter of the fiscal year there has been great activity in placer mining, as shown by the issue of orders for the survey of twenty-three placer claims.

The famous Boise Basin country, where in the early sixties the most marvelous discoveries of placer-gold deposits ever made on the American Continent were found, is again attracting attention, and many large enterprises are being inaugurated in that locality.

A great deal of work is also being done in the old Warrens mining district as well as in other parts of the State.

It is certain that applications for patents for placer ground will largely increase during the next year, for the world offers nowhere more golden opportunities for the intelligent prospector, as the State is rich in its field of gold now, and the chances offered for enterprise and profitable investment are rapidly becoming known.

In the interest of applicants for mineral surveys, and to the end of securing expeditious action upon all matters connected with the survey of mineral lands, the surveyor-general, in his annual report, submits the following suggestions and recommendations, viz:

The rules prevailing with reference to the employment of clerks and draftsmen in the office should be so modified that the surveyor-general may at any time increase the number of employees performing this character of work. At the present time all employees paid from the "Special deposits by individuals appropriation" are subject to the civil-service rules, and none but emergency appointments will be authorized except upon certification by the Civil Service Commission. As a consequence it is impossible to perform the most efficient service for the benefit of mineral claimants, who deposit the funds to pay for all office work and are therefore entitled to have the same performed expeditiously and accurately. A large mining corporation will apply for survey of a number of mining claims at the same time, and as soon as the returns of the deputy mineral surveyor are received it should be permissible to employ a sufficient number of draftsmen and transcribing clerks to enable the office to transmit the requisite number of plats and transcripts within three or four days after the receipt of the returns. This result could be easily accomplished if the office were permitted to exert its own judgment in employing assistants, and it is believed that mineral claimants uniformly consider that this larger discretion should be reposed in the surveyor-general. They could then hold him personally accountable for the proper performance of the work for which they have paid.

It should be constantly borne in mind that the Government is simply a trustee for the proper disposition of the "Special deposit by individuals appropriation," and therefore should consult the interests and welfare of the beneficiaries instead of looking solely to the benefits of an office-holding class.

I therefore recommend that such action be taken as will enable surveyors general to use the "Special deposits by individuals fund" in such a way as they may consider most beneficial to those who create it. It may be considered that there is proper machinery supplied for increasing the number of employees in this office, but the delays incident to the granting of a request for the appointment of additional draftsmen and transcribing clerks have been so great and are liable to continue to be of such duration that no appreciable benefit has accrued to the mineral claimants. From three weeks to three months elapse from the time that an application is made to increase the office force until appointments

are authorized, and by the time that definite action is taken the necessity for such increase has frequently passed away.

The fact that the office work upon mining surveys is fluctuating makes it imperative that the surveyor-general should be empowered to employ competent persons as the exigency therefor shall arise, without reference to lists of eligibles over 2,000 miles away. There are a number of draftsmen and skilled penmen in this city who possess satisfactory qualifications for performing work of the character mentioned.

The importance of expeditious action upon all matters connected with the survey of mineral lands is duly appreciated by all familiar with mining matters. Wise investors in mining properties usually insist upon patents being issued before they will make purchases. A few days' delay in preparation of plats and field-note transcripts for mineral claimants is liable to prevent consummation of advantageous sales.

In his estimate of expenses for the fiscal year ending June 30, 1900, the surveyor-general states that for the survey of lands applied for by the State under the acts of Congress approved July 3, 1890, and subsequent acts, and on applications by settlers, the sum of \$75,000 will be required; also, \$35,000 for surveys within the limits of the Northern Pacific Railway Company's land grant in Idaho.

In explanation of said estimate the surveyor-general submits the following remarks, viz:

Large appropriations for surveys in this State will be required for a number of years. Settlers are constantly pouring into all parts of the State. The soil and climate of North Idaho render it admirably adapted for agriculture. The timbered lands in this region have been enriched by the vegetable mold of ages, and when cleared are remarkable for their fertility.

In southern Idaho irrigating enterprises are in course of construction or in contemplation that will make vast regions, now inarable, suitable for cultivation. This portion of the State is also capable of supporting a larger population than any other State in the arid region of the nation.

LOUISIANA.

No apportionment was made to Louisiana out of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, and no public surveys were authorized or executed during the year.

The surveyor-general, in his estimate of funds to be appropriated for surveying service in the district of Louisiana for the fiscal year ending June 30, 1900, states that \$30,000 will be required for surveys and resurveys in all of the districts of the State (except the Greensburg), including original surveys of confirmed private land claims and donations.

In explanation of said estimate and in support of the amount submitted, the surveyor-general states as follows:

The necessity for the surveys and resurveys in the above districts has long since been fully demonstrated to this office, both verbally and by petitions from settlers, and in many instances by deputy surveyors, who, when making surveys in certain localities, experience much difficulty on account of existing enclosures in the old

surveys, as well as for want of established Government lines, as in many instances the old lines can not be found at all, causing much annoyance and loss of time hunting up proper starting points.

MINNESOTA.

The sum of \$5,000 was apportioned to Minnesota out of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898.

Under said apportionment five contracts were awarded and approved, involving liabilities aggregating \$4,700.

Special instructions were issued and approved for the survey of two islands situate in T. 131 N., R. 32 W., fifth meridian, on the application of the Northern Pacific Railway Company; liability payable from special deposits.

In his annual report the surveyor-general states that 24 townships (including public lands and Indian reservations) were surveyed during the fiscal year, and that the field notes of said surveys were duly examined, plats made, and transcripts of field notes completed. Three townships of public lands have been surveyed, but the office work has not yet been completed.

The number of miles run and marked in the field, the field notes of which were examined and approved during the year, aggregate 1,679 miles 21 chains 80 links.

The number of acres in townships, the field notes of which have been examined and plats made during the fiscal year, is 541,013.26; which acreage, added to the amount previously reported (47,586,342.11), gives the number of acres surveyed in Minnesota to June 30, 1898, as 48,127,355.37.

Number of township plats made during the year, 64; diagrams of township lines, 15; transcripts of field notes, 25; descriptive lists for land offices, 15.

There are now remaining unsurveyed in Minnesota 62 townships of public lands and 37 townships of Indian lands, exclusive of the detached territory lying north of the Lake of the Woods.

The surveyor-general, in his estimates for the surveying service in Minnesota for the fiscal year ending June 30, 1900, states that \$9,600 will be required for subdivision of 15 townships of public lands, including \$700 for surveying and resurveying exterior lines.

In regard to his stated estimate for surveys, the surveyor-general submits the following statement, viz:

In regard to the estimate for surveys, I have again to repeat that as a result of the timber and iron developments in the northern part of the State and the extension of railroad lines into the region where the unsurveyed lands are situate, there is an increasing demand for the extension of the public-land surveys to meet the wants of settlers who are seeking homes in that part of the State.

I am of the opinion that the best interests of the State would be subserved by pushing the unsurveyed lands in Minnesota to an early completion.

There are now about 60 townships of public lands in Minnesota remaining unsurveyed, and there is no doubt that the interests of the people would be advanced, and that it would be economy for the Government to make appropriations sufficient to complete all the surveys in this State in the near future. In the meantime if appropriations for that purpose were made also, the unsurveyed Indian reservations, amounting to 37 townships, could be surveyed in conjunction with the public land.

MONTANA.

The apportionment made to Montana out of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$42,000.

Under said apportionment twelve contracts were awarded and approved, with an aggregate liability of \$41,750. Three sets of special instructions, in lieu of contracts and bonds, and involving a liability of \$150, were issued and approved.

One contract for public surveys, liability \$350, payable from special deposits, was awarded and approved; also two sets of special instructions, liability \$40, payable from special deposits. For office work on these surveys \$170 additional was deposited.

The surveyor-general reports that 24 full and fractional townships were surveyed during the year, the aggregate mileage of original surveys and resurveys being 1,566 miles. The mileage of returns of surveys in 68 full and fractional townships which were filed after June 30, 1897, aggregated 4,480 miles.

The surveyor-general estimates that \$75,000 will be required for public surveys in Montana for the fiscal year ending June 30, 1900. In support of his estimate he submits the following statement, with reference to the demand for surveys by petitioning settlers, of the State board of land commissioners:

There are now on file in this office 377 petitions, with affidavits, for the survey of 115 townships. The number of petitions filed during the fiscal year 1896-97 was 31, and the number filed during this fiscal year to date is 269. The demand for surveys by petitioning settlers is therefore materially increased, and will, I am confident, continue to increase, now that settlers are beginning to be informed of the necessity of petitioning in order to secure the survey of their land.

There are now on file in this office 313 duplicate desert-land declarations covering unsurveyed lands, and I find that the number of such declarations filed in the local land offices in this State during the fiscal year 1897-98 greatly exceeds the number filed during the fiscal year 1896-97, as will be seen from the following table:

Copies of desert-land declarations filed by local land offices.

	Fiscal year—	
	1896-97.	1897-98.
Helena.....	57	137
Missoula.....	16	60
Miles City.....	0	0
Bozeman.....	3	5
Lewistown.....	10	27

Most of the owners of desert-land claims will desire to complete their title to same, and when informed of the necessity of so doing will petition for surveys as soon as they realize that title can not be completed until the land so taken up is surveyed. Some desert-land applicants may not desire to complete title, and will oppose surveys; but that should not prevent surveys, as the Government is the loser thereby in not being able to collect the full price of the land until surveyed.

From the above it will be seen that the demand for surveys from settlers has increased, and will doubtless continue to increase during the coming fiscal year.

I am also in receipt of a letter from the attorney-general of this State, one of the members of the State board of land commissioners, urging that I request the Department to make a liberal apportionment to this State, in order that the State of Montana may be enabled to select "profitable lands to fill out the land grants to the different State institutions."

In view of the above, I have the honor to request that the apportionment to Montana for surveys and resurveys for the fiscal year ending June 30, 1900, be \$75,000, which sum, under the stated conditions—namely, largely increased demands for surveys from bona fide settlers and from the State—is considered reasonable, as last year's apportionment of \$42,000 was not sufficient to meet the demands upon it. A like amount would therefore be wholly inadequate to a compliance with the manifest intent of Congress to have the surveys extended over the public domain with promptness.

NEVADA.

The apportionment made to Nevada out of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$5,000.

Two contracts, liabilities \$1,500 and \$3,500, respectively, chargeable to said apportionment, were awarded to H. B. Maxson and T. K. Stewart, deputy surveyors, individually, providing for public surveys. Said contracts were not approved for the reason that the evidences of settlement on the lands in the several townships designated in said contracts, as submitted, were deemed unsatisfactory, and owing to the late date when said contracts were received at this office (last days of June) there was no time available within which to secure the required additional applications and affidavits of settlers.

One contract was awarded and approved providing for the survey of railroad land-grant lands, liability \$1,400, payable from repayments made by the Central Pacific Railroad Company.

In his annual report the surveyor-general states that no repayments were made by the Central Pacific Railroad Company during the fiscal year, and that no deposits were made by individuals for public surveys.

During the year 18 townships were surveyed, comprising 415,162.52 acres. Number of miles run and marked 1,341, consisting of township, section, and connecting lines.

Number of township plats made, 54; exterior plats, 4; miscellaneous plats, 38.

Mineral surveys ordered, covering 38 lodes and 3 mill sites, 24; mineral surveys returned, covering 52 lodes and 3 mill sites, 23; orders outstanding, 4; mineral plats made, 96; mineral district plats made 4.

The surveyor-general states that he is constantly receiving applications for public surveys from different parts of the State, and that he has a large number on file. He asks for a more liberal apportionment from the annual appropriation for surveying the public lands, in order that he may comply with the desires of settlers for surveys.

The surveyor-general reviews his previous recommendation that the standard parallels throughout the State be fully completed and the proper connections made; also calls attention to the necessity and importance of an appropriation by Congress of \$5,000 for the restoration of mineral monuments and their connection with the public surveys.

In his estimates for the surveying service in Nevada for the fiscal year ending June 30, 1900, the surveyor-general includes the item of \$20,000 for the survey of the public lands.

In explanation of said item, the surveyor-general submits the following reasons, viz:

The estimate for surveys is based upon the real need for surveys in this State. The amount asked for would only partially meet the wants of settlers whose formal applications for surveys are on file in this office. Besides the formal applications, informal applications and inquiries about the survey of the unsurveyed lands are being constantly made, and the formal applications would be greatly increased except that the settlers have become disheartened by the long delay in meeting the wants of those who have already applied.

In connection with the desired appropriation for preserving the mineral monuments in mining districts, and connecting them with the public surveys, the surveyor-general makes the following statement:

An appropriation for preserving the mineral monuments in mineral districts, and connecting them with the public surveys and with each other, is badly needed. Many of these mineral districts are on unsurveyed land, and in many cases the monuments were established many years ago and, through the lapse of years and the vandalism of wood gatherers, are becoming obliterated. As they are the official marks by which to fix the locus of patented mining claims, they ought to be properly restored and witnessed and connected with the public surveys and, where more than one exists in a district, with each other.

NEW MEXICO.

The sum of \$10,000, from the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was apportioned to the district of New Mexico.

Under said apportionment three contracts (total liability, \$4,007.16) were awarded and approved. Three sets of special instructions (in lieu of contracts and bonds), involving a liability of \$221, and six sets of special instructions providing for resurvey and reestablishments in connection with private land claim surveys (aggregate liability, \$594) were issued and approved.

Nine contracts for the survey of confirmed private land claims (liabilities, \$4,318.55) and one set of special instructions (liability, \$300) were awarded, issued, and approved; liabilities payable from

the appropriation for the survey of confirmed private land claims in designated States and Territories for the fiscal year 1897-98.

The total number of miles of different lines established during the year aggregate 2,401 miles 74 chains 88 links.

During the fiscal year, 146 plats, tracings, and descriptive lists were furnished district land offices.

The surveyor-general reports that during the fiscal year there was deposited, on account of mining surveys and amended surveys of mining claims, \$2,170, and that applications were duly made for the survey of 71 mining claims, the amended survey of 2 mining claims, and reports on 52 placer-mining claims.

A full set of mining-district plats, numbering 138 and covering the 77 mining districts of the Territory, have been practically completed. Fifty-four mineral monuments, located in various unsurveyed townships in the district, have been platted.

The surveyor-general states that about 74 private land claim cases yet remain to be tried by the United States Court of Private Land Claims. Forty-six of these grants contain approximately 5,000,000 acres of land, and the 74 grants contain approximately 10,000,000.

Nine private land claims have been surveyed under decrees of approval and confirmation by the court during the fiscal year. In three of said claims corrected surveys have been ordered by the court, and in one case (Galisteo) a new decree has been made by the court and a new survey will be necessary.

During the fiscal year no work has been executed on the "Las Vegas" grant, as the matters at issue are now pending on appeal in the Supreme Court of the United States.

The surveyor-general calls attention to and quotes that portion of the act of Congress approved March 3, 1891, relating to the settlement of private land claims and prescribing that all mines and minerals in such claims shall remain the property of the United States, and states that Congress has enacted no law authorizing persons to work the mines or minerals on grants confirmed under said act. He recommends the enactment of a law giving miners the right to work the minerals reserved in the confirmation of grants by the United States Court of Private Land Claims, and claims that such a law would greatly facilitate the development of the natural resources of the Territory within the exterior boundaries of said grants and materially benefit the population of New Mexico.

Referring to the fact that 3,205 "small-holding" claims, under the provisions of sections 16 and 17 of the act of March 3, 1891, as amended by the act of February 21, 1893, have been filed in his office for tracts of land not to exceed 160 acres each, the surveyor-general in his annual report comments thereon in the following manner, to wit:

Contracts have been awarded for the survey of the exterior boundary and connecting lines of such of said small-holding claims which are of such shape that

the claimants can not readily secure their interest by entry of legal subdivisions of the public land surveys, and which are known to be located upon townships heretofore surveyed. Such of said claims that are located upon township surveys not heretofore made, and that are found upon proper investigation to be valid, are being surveyed as the lines of public surveys are extended over such townships.

A majority of these filings cover as many as six or eight tracts each, which total number of tracts do not exceed in area 160 acres, and it is safe to say that there will be at least three times as many tracts to survey as there are filings made. I am informed that an act of Congress has recently been passed extending the time within which small-holding filings may be made in this office to the year 1901, and I am satisfied that there will be fully as many, if not more, small-holding claims filed as have heretofore been filed, which will very materially increase the work of this office, and the office work in connection with the surveying and platting of these small-holding claims will necessitate an increased appropriation for clerical assistance. The platting of these small-holding claims is very hard and complicated, the same having to be made on an enlarged scale and in triplicate, and often necessitating the making of as many as thirty plats for one township.

Sections 16 and 17 of the act of March 3, 1891, amended February 21, 1893, and again but recently amended, work an injustice to claimants in that, under section 16 of said act, small-holding claimants are only required to show twenty years' actual, continuous, adverse possession next preceding the date of the survey of their claims, which are required to be surveyed at the time of the extension of the lines of public surveys over the townships in which such claims are located, while section 17 of said act requires claimants to show twenty years' actual, continuous, adverse possession next preceding the date of the survey of the township in which their claims are located.

This law is clearly unjust, when claimants under one section can secure title to their lands by showing twenty years' possession, and under section 17 claimants are required to show thirty, forty, or fifty years' possession to secure title. I therefore have the honor to recommend that said section be amended so as to read: "For twenty years next preceding the date of the survey of such tracts," which amendment will place claimants for lands under such section practically in the same position as those claiming lands under the preceding section of said act.

The surveyor-general reports that field examinations have been made of designated private land claims, and that field examinations have yet to be made of additional grants which he designates. With reference to said examinations, the surveyor-general submits the following suggestions:

The examinations of numerous other grant surveys will have to be made in the near future, when the surveys are returned in the numerous contracts for grant surveys awarded, and it is especially important that a thoroughly competent and reliable examiner should be assigned to this district to make such grant examinations in connection with examinations of public surveys, which I anticipate will require the constant services of such an examiner.

In view of the fact that in almost all cases deputy surveyors are compelled to borrow money to carry out their contracts, the long delay in the acceptance of their work and the settlements of their accounts in many cases results in a pecuniary hardship and loss on their contracts, and I have the honor to suggest that an early field examination of all surveys be made in order to expedite such settlements of the deputies' accounts, which will enable this office to let further contracts to such deputies who are competent, but who have in the past become tied up financially by such long delays in the settlement of their accounts.

In his estimates for public surveys and the survey of private land claims for the fiscal year ending June 30, 1900, the surveyor-general submits the following items, viz:

For the survey of public land and "small-holding" claims filed under the act of March 3, 1891, as amended February 21, 1893.....	\$25,000
For the survey of private land claims.....	25,000

Commenting on the greater necessity for the survey of public lands in the future than has been in several years past, the surveyor-general reports as follows:

Settlers are locating and will continue to locate upon unsurveyed lands in this district, and there will be a much greater necessity for the survey of public lands in the future than there has been in the past three or four years.

There are about 1,800 small-holding applications on file in this office for tracts of land in unsurveyed townships and within the boundaries of unconfirmed grants. In my opinion a large majority of said tracts will have to be surveyed when the lines of public surveys are extended over the townships in which they are situated. The Court of Private Land Claims has rejected some grants and reduced the area of many private land claims that have been considered by said court, and the lines of public surveys will have to be extended over such of the lands formerly included in said grants as become public domain by reason of the rejection of grants by said court, which lands are found to be agricultural in character and which are occupied in whole or in part by actual settlers.

The boundaries of small-holding claims owned by such settlers as are found to lie within unsurveyed townships will also have to be established at the time of making the surveys of such townships, and numerous other small-holding claims which lie within townships heretofore surveyed will have to be surveyed under per diem contracts, which are also payable from the appropriation for the survey of public lands.

There will also be an increased amount of public surveys on account of the selection of donations of public lands to educational and benevolent institutions of the Territory of New Mexico, as per act of June 22, 1898, and I therefore estimate that the appropriation of \$25,000 will fully be required for the survey of public lands and small holding claims in New Mexico.

In this connection I desire to state that the rates of mileage, as paid for the survey of public lands and private land claims in New Mexico, are not sufficient to enable me to secure the services of first-class contracting deputy surveyors, for the reason that a majority of the lands to be surveyed are exceptionally difficult to survey, by reason of precipitous mountain ranges, dense timber and undergrowth; and, in the acts of Congress making appropriations for the sundry civil expenses of the Government, in the appropriation enumerated "For surveys and resurveys of public lands," wherein it is provided "That in the States of Idaho, Montana, Oregon, California, Arizona, Wyoming, and Washington there may be allowed" a higher rate, as therein specified, for lands heavily timbered, mountainous, or covered with dense undergrowth, there should be included in such lists of States and Territories, wherein a higher rate of mileage may be paid, the Territory of New Mexico, for I am fully satisfied that the lands to be surveyed in New Mexico are as rough, rugged, and mountainous, and as exceptionally difficult to survey, as are the lands enumerated in any of the States and Territories mentioned in said act; and I therefore have the honor to request that the Territory of New Mexico be hereafter included in such appropriation acts.

NORTH DAKOTA.

The apportionment made to North Dakota out of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$20,000.

Under said apportionment five contracts, liabilities aggregating \$20,000, were awarded and approved.

The surveyor-general, in his annual report, states that the public surveys upon which the examining, platting, transcribing, and other necessary office work has been completed since July 1, 1897, embody 5,120 miles 11 chains 21 links.

The survey of the Fort Stephenson Military Reservation has been completed and examined in the field, but as the deputy has been required to return to the field to make some corrections the submitted returns of survey have not yet been accepted by the Commissioner.

During the fiscal year the following office work has been executed, viz: Township plats of survey, 204; diagrams of exterior lines, 10; transcripts of field notes, 73; descriptive lists for district land offices, 68.

The surveyor-general calls attention to the abandoned Fort Buford Military Reservation, situate in North Dakota and Montana, which was transferred to the Secretary of the Interior by the President's order of October 25, 1895. A large number of inquiries have been received from actual settlers and others relative to the survey and disposal of the reservation. The reservation embraces a large tract of good land, and is the only unsurveyed military reservation in the State.

The surveyor-general is of the opinion that the abandoned Fort Buford Military Reservation should be surveyed as soon as possible, so that the lands may be appraised and opened to entry. There are many good buildings at the post, and the same should be saved from destruction at the hands of settlers, ranchmen, and others, who seek lumber and building material for their own use. A recent estimate submitted gives the cost of surveying that portion of the reservation situate in North Dakota at \$6,157.50, while the portion in Montana will cost 4,415.76; total cost, \$10,575.25.

The surveyor-general estimates that \$26,000 will be required for public surveys in North Dakota for the fiscal year ending June 30, 1900. He submits the following statement in support of said estimate:

My estimate of \$26,000 for surveys is based upon the requirements for additional surveys south of the eighth standard parallel, and including the valley of the Cannon Ball River, and in the middle western part of the State, south and west of the Fort Berthold Reservation.

Immigration and settlement in those localities has largely increased during the present year, and the settlers desire the lands to be surveyed so that they may avoid placing improvements on the odd-numbered sections, which are granted to the Northern Pacific Railroad Company.

It is my understanding that the State authorities are anxious to have surveys extended in the localities named, in order to complete the selection of lands granted to the State for the public institutions and school purposes.

OREGON.

Of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, per act of June 4, 1898, the sum of \$20,000 was apportioned to Oregon.

Twelve contracts, liabilities aggregating \$17,075, chargeable to the annual appropriation 1897-98, were awarded by the surveyor-general. Ten of said contracts (aggregate liability \$15,975) were approved by the Commissioner. Two contracts (Nos. 690 and 691; liabilities \$300 and \$800, respectively) were received at the General Land Office after the expiration of the fiscal year (June 30, 1898), and consequently were not approved.

Four sets of special instructions, providing for resurveys in connection with original surveys under previously awarded and approved contracts (liabilities \$993.11), were issued and approved.

One set of special instructions (liability \$60), providing for connecting mineral monuments with public land surveys in T. 33 S., R. 5 W., were issued and approved.

Two contracts for surveys for allotments within the Klamath Indian Reservation (liabilities \$525, payable from the Indian appropriation) were awarded and approved.

One contract was awarded and approved providing for the survey and subdivision of the Klamath Hay Reserve (liability \$500, payable from the appropriation for the survey of abandoned military reservations for the fiscal year).

Special deposits for repayments, amounting to \$3,391.06 for field work and \$319.99 for office work, were made by the Oregon and California Railroad Company during the fiscal year.

Returns of survey of 40 full and fractional townships were received, examined, and approved. Township plats (in triplicate), transcripts of the field notes, and copies of all of the plats and field notes were transmitted during the year to the General Land Office.

The number of miles reported in said returns, as run and marked in the field, aggregate 1,691 miles 23 chains 49 links, embracing an area of 600,918.84 acres.

Office work in connection with said surveys consisted of 120 township plats, 38 exterior plats, and 2 diagrams. Field notes consisted of 67 books of certified transcripts and 45 descriptive lists for local land offices.

There were deposited for cost of office work on mining claims, \$455; amount expended, \$332. Mining claims surveyed, reported, and platted, 14. Plats made, 67; copies of field notes, 14.

The surveyor-general's estimates for surveys during the fiscal year ending June 30, 1900, are as follows: For the survey of 40 townships, \$61,400; for survey of 25 townships within the limits of railroad land grants, \$39,250.

Explanatory of his estimates the surveyor-general submits the following statement, viz:

The unsurveyed lands in this district are increasing in value each year, and in the same rate the number of petitions and inquiries, both personal and written, concerning the survey and opening up to settlement of these lands become more frequent.

Many petitions and letters of inquiry come from parties who have lived on unsurveyed lands for ten to twenty years, asking and hoping for early surveys, in order to obtain titles to their homes.

The unsurveyed lands of the central and western portions of the State, where the soil is of the usual alluvial character, being most fertile and productive when cleared from timber, afford splendid homes and are being eagerly sought after by a good class of people.

The general contour of lands in Oregon is such as to favor irrigation, which would convert the large semiarid tracts into fertile and productive farms, especially in the southern and eastern portions of the State, which have heretofore been considered comparatively worthless, except for grazing purposes for a few months in the year, but in the last few years large irrigation companies have been formed and water has been conducted for miles over unsurveyed and unoccupied lands which in a few years will all be settled.

The estimate of \$39,250 for the survey of twenty-five townships within the limits of railroad grants: The railroad companies and settlers have made many endeavors to have such surveys, to enable the settlement upon thousands of acres of fine timber and agricultural land.

SOUTH DAKOTA.

Four thousand dollars of the annual appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was apportioned to the district of South Dakota.

The surveyor-general reports that no contracts were entered into during the fiscal year, payable from the annual appropriation for the survey of the public lands, for the alleged reason that the field for such surveys is at present largely included in a forest reserve under Executive order of February 22, 1897, or occupied in part by mining surveys.

No special deposits for the survey of public lands under the provisions of sections 2401-2403, Revised Statutes, United States, were made.

One set of special instructions, providing for resurveys on the left bank of the Missouri River, in connection with original surveys under contract No. 133 (liability \$100), was issued and approved.

Four contracts for surveys within Indian reservations were awarded and approved, three of which provided for surveys within the Cheyenne River Indian Reservation (total liabilities \$16,000) and one contract for surveys within the Rosebud Indian Reservation (liability \$4,100.)

One contract was awarded and approved providing for the survey of the abandoned Fort Sully Military Reservation (liability \$950 payable from the appropriation for the survey, appraisal, etc., of abandoned military reservations for the fiscal year 1897-98.)

The office work on 3,950 miles of original surveys and 44 miles of resurveys was completed, approved, and returns thereof transmitted to the General Land Office during the year, embracing 67 townships and 85 original and amended mineral surveys. Said work required the preparation of 34 diagrams of township and other exteriors, 201 plats of subdivisions, 245 transcripts of field notes of surveys and examinations, and 336 plats and diagrams of mineral surveys.

Special deposits for office work on mining claims made during the fiscal year aggregated \$10,790.

During the fiscal year just closed, as in the preceding fiscal year, a large amount of Indian-reservation surveys was confided to the South Dakota office. The preparation of contracts, special instructions, diagrams, and other data for deputies in connection with these Indian surveys, as also the examination of returns and examinations, preparation of instructions to examiners, and general oversight of special clerks engaged on the returns of said surveys, have necessarily devolved largely on the regular office force, and occupied a large amount of time and attention.

The surveyor-general calls the attention of Congress and this office to the propriety of field examinations of mineral surveys, as heretofore presented by his predecessor in his annual report for the fiscal year 1896-97.

The surveyor-general repeats the recommendation of his predecessors that the attention of Congress be called to the desirability of making all expense incident to mineral surveys, including field examinations and connection of mineral monuments, payable entirely by applicants, so that mineral surveys may be executed without any expense to the Government except the official supervision of the surveyor-general.

The surveyor-general submits the following estimates for surveys during the fiscal year ending June 30, 1900, viz, township exteriors, \$1,800; subdivisional surveys, \$5,300; examination in the field, \$900; total, \$8,000.

As the proposed surveys, as per estimates, relate to lands situate chiefly within the Black Hills region, the surveyor-general submits the following statement in explanation:

This amount is required to make surveys of lands chiefly within that portion of the State embraced in what is known as the Black Hills region. A partial extension of the exteriors was made during the fiscal year ending June 30, 1897, and a further extension is desired. While much of the country is mineral bearing, there are few townships within the entire area that do not contain considerable portions of land valuable alone for agricultural purposes and used for such alone. Such lands are occupied, and much of them have for years been occupied by agricultural settlers who are desirous of obtaining Government title to their holdings, and it is now desired to provide in this estimate for the complete survey, both exterior and subdivisional lines, of those townships where such settlers are most numerous. The importance of the extension of township exteriors in relation to the satisfactory location of mineral claims, and the great desirability of connecting

all mineral monuments with the public land surveys, were dwelt upon at length in the remarks accompanying annual report of my predecessor. The reasons then set forth are to-day more apparent than ever before. The complications and conflict between mineral surveys belonging to two or more mineral monuments are rapidly increasing in number as the lands between such monuments are being taken up and proceedings for patent instituted. The extension of these surveys will, in a measure, furnish relief.

This estimate is small in amount, as I do not forget that a large portion of the area under consideration is, for the present, embraced in an existing forest reserve (Executive Order, February 22, 1897), and that surveys therein have been made to some extent during the fiscal year now closing, under the direction of the Geological Survey Office.

UTAH.

The apportionment made to Utah out of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$20,000.

Under said apportionment six contracts were awarded and approved, the liabilities of which equaled the apportionment.

One contract providing for the survey of lands within railroad limits was awarded and approved; liability \$3,369.50, payable from repayments made by the Central Pacific Railroad Company.

One contract was awarded and approved for the survey of a portion of the boundaries of the Uintah and Uncompahgre Indian Reservation; liability \$373.38, payable from the appropriation for the survey of Indian reservations for the fiscal year.

The surveyor-general in his annual report states that during the fiscal year the returns of survey of 50 townships, aggregating 1,734 miles, were approved and transmitted to the General Land Office, embracing 125 township plats, 8 plats of exteriors, and 6 plats of Indian reservation boundaries.

Number of orders issued for mineral surveys during the year are as follows: Original surveys, 277; lodes, 452; placers, 3; mill sites, 1; amended and additional surveys, 19; total orders issued, 296.

Statement of original, amended, and additional surveys approved during the fiscal year: Original surveys, 216; lodes, 425; placers, 4; mill sites, 1; amended and additional surveys, 25; lodes, 40.

Original surveys pending June 30, 1898: Under examination or returned for correction, 28; lodes, 50; placers, 1; awaiting examination, 4; lodes, 4; number of orders issued and surveys not filed, 104; lodes, 111; mill sites, 1.

Amended and additional surveys before the office June 30, 1898: Under examination or returned for correction, 2; lodes, 5; orders issued and surveys not filed, 3; lodes, 4.

Amount deposited for office work on mining orders during the year. \$11,712; available balance July 1, 1897, \$11,460.21; total, \$23,172.21. Amount repayments deposited by Central Pacific Railroad Company for office work, \$5,722.81.

Amount deposited in May, 1898, by Union Pacific Railroad Company for office work, \$143.10. Balance available July 1, 1898, \$726.34.

The surveyor-general estimates the cost for the fiscal year ending June 30, 1900, of surveying townships in which there exists more than one desert entry or one settler's application, at \$47,182; for the survey of townships in which there are only one desert entry or one settler's application, \$50,392.

WASHINGTON.

The apportionment made to Washington out of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$42,000.

Under said apportionment ten contracts for public surveys were awarded and approved, involving a total liability of \$20,766.

Two sets of special instructions, in lieu of contracts and bonds, were also issued and approved; liability, \$278, chargeable to said apportionment.

One contract (liability, \$2,386) providing for resurveys, as also four sets of special instructions, in lieu of contracts and bonds (liabilities, \$278), authorizing resurveys in connection with approved contracts for original surveys, were issued and approved.

One contract for allotment surveys within the Makah Indian Reservation (liability \$2,500, payable from the appropriation for allotments under act of 1887, reimbursable) was awarded and approved.

The aggregate number of miles surveyed in the district, the plats and field notes of which were approved during the fiscal year, is 1,486 miles 66.90 chains. Townships surveyed and accepted, 26; exterior plats made, 36; township plats made, 138; miscellaneous diagrams and tracings made, 240.

Special deposits made by the State of Washington for public survey, \$450. Aggregate amount of special deposits for office work on mining claims, \$4,748.

Number of mineral surveys made, 36; number of mineral plats made for mines and mill sites, 225.

In his annual report the surveyor-general submits a statement with reference to the examination in the field of public surveys, and believes that as at present conducted too much time is consumed in making the examination. Said statement is as follows:

Examination of surveys.—As conducted at present, too much time is consumed in the examination of surveys. I can see no good reason why the examiner can not follow the deputy surveyor the same season that the surveys are made, and not wait for the returns of the deputy. Each can keep his field notes separate from the other, and when the deputy makes his returns to this office, and they are examined and platted and sent to your office, this office could at once be notified of any discrepancy in his field work, and the deputy notified of the corrections required. These corrections could then be made the next summer, and also a reexamination if considered necessary, and the whole work could then be completed within a year after being returned to this office. It must be well under-

stood that in this district only four months each year are available for field work with a solar instrument. This is why, in justice to the deputy surveyor, the examination should be made the same season of the survey, otherwise two years, or perhaps more, must elapse before his accounts can be ready for payment, which in most cases must absorb his profits in the payment of interest. In support of the foregoing statement, I will cite a few cases from the records of this office:

Contract No. 460. April 19, 1895. Alvin Bystrom, deputy surveyor. T. 26 N., Rs. 2 and 3 W. Reported for examination November 8, 1895, June 25, 1896, and April 5, 1898. Special agent furnished data for examination October 30, 1897. No report whether or not examined.

Contract No. 490. November 9, 1895. Alfred S. Ruth. Fractional T. 11 N., R. 7. W. Survey reported for examination September 1, 1896, and October 9, 1897. Returns to General Land Office July 27, 1897. Survey again reported for examination April 5, 1898.

Contract No. 493. March 24, 1896. McPherson and Wyché. Resurvey of part of Yakima Indian Reservation Boundary. Reported for examination February 11, 1897, March 16, 1897, and April 5, 1898. Data for examination furnished special agent October 2, 1897. No report whether examination has been made.

Contract No. 495. May 9, 1896. Charles C. Ward. T. 8 N., R. 22 E. Survey reported for examination March 16, 1897, and April 5, 1898. Data furnished special agent October 2, 1897. No report from examination.

Contract No. 497. May 9, 1896. Albert C. O'Neel. T. 11 N., R. 3 E. Reported for examination January 5 and March 16, 1897, and April 5, 1898. No report from examination.

Contract No. 529. May 12, 1897. Robert F. Whitham, T. 20 N., Rs. 8 and 13 E. Reported for examination August 31, 1897, and April 5, 1898. No report from examination.

It must be apparent to all that under your present system of examinations, and the delays incident thereto, the most careful and competent deputy must suffer equally with the careless and incompetent before he can receive any compensation for the labor and privations incurred in the field. This practice is neither wise nor just, and the interest of the deputy should be considered as well as the convenience of the examiner.

The surveyor-general's estimate for surveying the public lands in the district of Washington for the fiscal year ending June 30, 1900, is \$50,000, said amount being necessary for the survey of lands occupied by actual settlers situate within and outside of the several forest reserves. In case the lands within the lines of the forest reserves are not to be surveyed under the direction of the General Land Office, the sum of \$25,000 will be deemed sufficient.

WYOMING.

The apportionment made to Wyoming out of the appropriation for surveying the public lands for the fiscal year ending June 30, 1898, was \$25,000.

Three contracts for public surveys (total liabilities, \$25,000) were awarded and approved, chargeable to said apportionment.

One contract was awarded and approved providing for surveys for allotments within the Shoshone or Wind River Indian Reservation (liability, \$9,800), payable from the appropriation for allotments under the act of 1887; reimbursable.

One contract providing for the survey and subdivision of the

abandoned Fort McKinney Military Reservation was awarded and approved (liability, \$500), payable from the appropriation for the survey, appraisal, etc., of abandoned military reservations, 1897-98.

In his annual report the surveyor-general states that the aggregate number of miles surveyed during the fiscal year, the field notes of which, under five contracts, were approved, is 2,345. Total number of acres embraced in townships surveyed during the year, 693,956.11.

There were no special deposits for the survey of the public lands made during the fiscal year.

Special deposits for office work on mineral surveys amounted to \$300. Five orders for mineral surveys were issued, executed, platted, and transcribed.

The surveyor-general estimates that \$25,150 for public surveys and \$6,080 for resurveys will be required during the fiscal year ending June 30, 1900.

Explanatory of said estimates the surveyor-general submits the following statement, viz:

Appropriation for the above is deemed necessary for the extension of the public surveys in the district of Wyoming and for the proper conduct of this office.

The extension of the lines of public surveys over all lands in Wyoming is to the interest of the settlers, the State of Wyoming, and to the General Government.

The estimate for new surveys are based upon lands situated largely in mountainous districts, which are, however, intersected by numerous living streams, having fertile valleys and a soil unsurpassed in productiveness when reclaimed by the irrigation farmer. These lands are being eagerly sought by the settler and, when improved, form valuable additions to the wealth of the State and the nation. Further than this, I am of the opinion that in paying for his home, after compliance with the laws, the settler is entitled to such safeguards as are secured by proper surveys of the lands embracing his claim.

The estimate for resurveys is based upon lands situated in all parts of the State, but principally in the northwestern portion, where the surveys are defective to the extent that it is impossible to find Government corners by which a settler can locate his claim. The settlers in these districts will at once comply with the law as to petitions whenever it becomes probable that an appropriation for resurvey can be made. The resurveys of the lands and lines forming the subject-matter of your letter "E," July 31, 1894, and letter "E," November 24, 1897, should be made at the earliest opportunity, and in this connection it is my purpose to take this matter up at once, and the necessary papers, with my recommendation, will be forwarded at an early date.

The resurvey of the south boundary of Ts. 55 N., Rs. 60 to 63 W., as recommended in my letter of June 4, 1898, is also included among those lands for which the above estimate for resurveys is deemed necessary.

ISLAND AND FRAGMENTARY SURVEYS.

During the year numerous inquiries concerning unsurveyed islands situate in meandered rivers and lakes, and other fragmentary tracts have been received.

Formal applications for such surveys have been received and acted upon by this office and the Department, as follows:

An island in the Arkansas River, in secs. 12 and 13, T. 26 N., R. 4

E., Oklahoma Territory. From a report received from the Commissioner of Indian Affairs it appeared that this island belonged to the Osage Nation of Indians. The application for its survey as public land of the United States was therefore denied by this office.

An island in the Straits of Juan de Fuca, in sec. 14, T. 34 N., R. 2 W., W. M., Washington. By reason of the location of this island it was suggested to the Secretary of the Interior that the War and Treasury Departments be called upon for a report as to whether the island was likely to be needed for public purposes within the jurisdictions of said Departments.

A report from the Secretary of the Treasury was received, in which it was stated that upon investigation by the Light-House Board it was found that the location of the island was such that the same would likely be needed in the future as a reservation for light-house purposes. The application was therefore rejected by the Secretary of the Interior.

The same action was taken relative to two other applications, one for the survey of "Wasp Island" and one for the survey of "Reef Island," described as being in the Straits of Juan de Fuca, in secs. 13 and 24, T. 36 N., R. 3 W., W. M., Washington.

An island in Che Tac Lake, in sec. 8, T. 37 N., R. 9 W., Wisconsin. Application approved and survey ordered by the Department.

Special instructions for the survey were prepared by this office in favor of John Leonard, the surveyor named in the application, who was duly appointed a United States deputy surveyor to execute the survey. His returns of survey were received in due time, and upon examination were found correct and in accordance with the instructions issued to him, and the survey was therefore approved by this office, the plats constructed and approved, and the proper ones forwarded to the State and local land offices.

An island in the St. Croix River, in secs. 1 and 12, and one in sec. 1, T. 30 N., R. 20 W., Minnesota.

Protests against the approval of the applications were filed by the owners of the adjacent lands, who claimed the islands as a part of their lands under the laws governing riparian rights, and after considering the evidence presented, the Secretary of the Interior approved the recommendation of this office, concurring in that of the surveyor-general of Minnesota, that the applications be disallowed.

An island in the north channel of the Platte River, in sec. 2, T. 8 N., R. 14 W., Nebraska. Application denied by the Department.

Same action taken relative to an application for the survey of an island in the river in sec. 10, T. 8 N., R. 15 W., Nebraska.

In the case of John C. Christensen, applicant for the survey of another island in the Platte River, in secs. 9 and 16, T. 8 N., R. 15 W., Nebraska, the attention of the Department was called to the fact that the official plat showed an unsurveyed island in the locality

described, and that it had been the former practice of the Department to approve applications for the survey of islands in nonnavigable rivers like the Platte, where the islands were shown to have existed in substantially their present character and condition at the time of the survey of the townships embracing the same, but attention was called to the United States Supreme Court decision in the case of *Grand Rapids and Indiana Railroad Company v. Butler* (159 U. S., 87).

The application was denied by the Secretary after referring to said United States Supreme Court decision and that in the case of *Hardin v. Jordan* (140 U. S., 371), and the decision of the supreme court of the State of Nebraska in the case of *Wiggenhorn v. Kountz* (25 Nebraska, 690), where the court said:

There is no doubt that grants of land bounded upon a river not navigable carry with them the exclusive right and title to the grantees to the center of the stream, unless the terms of the grant clearly denote the intention to stop at the edge or margin of the river, the rule of the common law being that proprietors of land adjoining public rivers, not affected by the flow of the tide, own the soil *ad filum aquæ*.

Another application for the survey of an island in the Platte River, in sec. 7, T. 8 N., R. 15 W., Nebraska, was rejected by this office on February 26, 1898, for reasons set forth in the case next above described.

An island in Cedar Lake, in sec. 11, T. 36 N., R. 10 W., Wisconsin. This office recommended favorable action on the application, which recommendation was concurred in by the Department and the survey was ordered. The surveyor named in the application, Daniel W. Waite, was appointed a United States deputy surveyor, to execute the survey of the island, and special instructions for the proper execution of the survey were prepared by this office and forwarded to Mr. Waite, who executed the survey and transmitted his returns thereof to this office. They were examined, and it was found that the survey was executed in accordance with the instructions, and the survey was therefore approved, the proper plats constructed and transmitted to the State and local land offices, the duplicate plat being retained for the files of this office.

An island in Clear Lake, in sec. 3, T. 13 N., R. 8 W., M. D. M., California. Application approved by the Department as recommended by this office.

The surveyor-general for California was directed to prepare special instructions for the survey in favor of D. F. McIntire, the surveyor named in the application, and to allow him for his services \$5 per day. In due time the special instructions were forwarded to this office and after examination were approved. Returns of survey not yet received.

Two islands in a navigable meandered lake, in sec. 33, T. 131 N., R. 32 W., Minnesota.

This office recommended the approval of the application, referring to the United States Supreme Court decision in the case of *Hardin v.*

Jordan (140 U. S., 371) and the State supreme court decision in the case of *Uri L. Lamprey et al. v. The State of Minnesota* (52 Minn., 181), and held under said decisions that the riparian boundaries would extend only to the water's edge.

The Secretary of the Interior concurred in the recommendation of this office, approved the application, and directed that the survey applied for be ordered, and that the applicant (W. H. Phipps, for the Northern Pacific Railway Company) be called upon to deposit the estimated cost of the survey. This was done, and the surveyor-general for Minnesota was directed to prepare the necessary special instructions for the survey in favor of Charles H. Ward, the surveyor named in the application, who was appointed a United States deputy surveyor to execute the survey of the islands. Special instructions were submitted to this office by the surveyor-general; the same were examined and approved, and the surveys thereunder were executed, approved by the surveyor-general, and after examination were accepted by this office, and the surveyor-general authorized to file the triplicate plat of said surveys in the proper United States local land office.

An island in the Arkansas River, in T. 20 S., Rs. 12 and 13 W., Kansas. The township plats show an unsurveyed island in the locality described, and after referring to the case of *John C. Christensen, supra*, it was said by the Secretary of the Interior that—

It appears that that portion of the Arkansas River in which this island lies is nonnavigable, and in the case of *Wood v. Fowler* (26 Kansas, 682) the doctrine of the common law, that a grant of land bounded by an unnavigable stream carries with it the bed of the stream to the center of the thread thereof, appears to be recognized.

The application was therefore denied.

An island in Little Red River, in sec. 13, T. 11 N., R. 12 W., Arkansas. Application rejected by this office.

An island in the Osage River, in secs. 20 and 29, T. 40 N., R. 14 W., Missouri.

This office recommended the rejection of the application in letter transmitting the papers to the Department. The Secretary of the Interior concurs in the recommendation of this office, referring to the United States Supreme Court decision in the case of *Packer v. Bird* (137 U. S., 661, 669); also decision in the case of *Barney v. Keokuk* (94 U. S., 324, 338).

Two islands in the Pend d'Oreille River, in sec. 29, T. 56 N., R. 5 W., Idaho. Application made by the Northern Pacific Railroad Company. Same approved by the Secretary of the Interior, who authorized the allowance of the maximum rates per mile for surveying, under statutory restrictions, and directed that the railroad company be called upon to deposit the estimated cost of surveying. The surveyor-general was instructed accordingly, and authorized to prepare special

instructions for the survey in favor of F. G. Plummer, the surveyor named in the application.

Special instructions were prepared by the surveyor-general and submitted to this office. Same examined and found correct and approved by this office. Returns of survey not yet received.

A tract of land within the area of a meandered lake in secs. 30, 31, and 32, T. 24 N., R. 4 E., fourth principal meridian, Illinois.

Application denied by this office, reference being made to the United States Supreme Court decision in the case of *Hardin v. Jordan* (140 U. S., 371).

An island in the Wabash River, in sec. 29, T. 28 N., R. 8 E., Indiana. Application pending, awaiting further evidence in support of same.

An island in the Platte River, in secs. 4, 5, 8, and 9, T. 13 N., R. 5 W., Nebraska.

Application submitted to the Department. Hearing ordered by the Secretary of the Interior to determine certain facts with reference to the land.

Register at Lincoln, Nebr., directed by this office to personally conduct the hearing. Testimony not yet received.

Application for the survey of Ragged Keys, in the Atlantic Ocean, in secs. 20, 29, 31, and 32, T. 56 S., R. 42 E., Florida. Same approved by the Department and survey ordered. Surveyor-general directed by this office to prepare special instructions for the survey in favor of John S. Frederick, the surveyor named in the application. Instructions not yet received for examination and approval.

An island in the Gasconade River, in sec. 9, T. 35 N., R. 14 W., Missouri. Application rejected by this office.

An island in the Platte River, in secs. 1 and 2, T. 11 N., R. 8 W., Nebraska. Papers submitted to the Department with adverse recommendation, attention being called to the cases of *John C. Christensen* (25 L. D., 413) and *Grand Rapids and Indiana Railroad Company v. Butler* (159 U. S., 87). Recommendation of this office not concurred in by the Department, but the application was approved and the survey ordered by the Secretary of the Interior.

Two islands in "Turkey" or "Syracuse" Lake, in secs. 8 and 9, T. 34 N., R. 7 E., Indiana.

Application denied by the Department, as recommended by this office, attention being called to the case of *Ridgway v. Ludlow* (58 Indiana, 248), and *Stoner v. Rice* (121 Indiana, 37).

An island in the Kansas River, in secs. 32 and 33, T. 12 S., R. 20 E., Kansas. Papers submitted to the Department with an adverse recommendation. Recommendation of this office concurred in by the Secretary of the Interior and application denied, attention being called to the case of *Wood v. Fowler* (26 Kansas, 682).

An island in the Snake River, in secs. 2 and 11, T. 17 S., R. 47 E., Oregon. This office recommended the approval of the application,

which recommendation was concurred in by the Department. Case of *Shaw v. Oswego Iron Company* (10 Oregon, 371, cited).

A tract of land in secs. 19, 20, 29, and 30, T. 97 N., R. 34 W., Iowa. Application made by William L. Hemphill et al. Papers submitted to the Department, and this office directed to send a special agent to the locality to make an examination and survey of the land, if found necessary.

A surveyor from the surveying division of this office was detailed to make the investigation and survey, and in due time his report and returns of survey were filed in this office. Same examined and transmitted to the Department with the recommendation that the returns of survey executed by the surveyor detailed from this office be approved. This recommendation was concurred in by the Department, and the returns of the survey were approved by this office and the proper plats constructed and forwarded to the State and local land offices, the duplicate approved plat being retained for the files of this office.

EXAMINATION OF SURVEYS IN THE FIELD.

The act of Congress approved June 4, 1897, making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1898, appropriated for surveys and resurveys of public lands the sum of \$325,000. Of this amount the act authorized the use of not exceeding \$40,000 for the examination of surveys in the field in order to test the accuracy of the work of United States deputy surveyors and the examination of surveys heretofore made and reported to be defective or fraudulent. By the urgent deficiency appropriation act approved January 28, 1898, authority was granted to use for examinations not exceeding \$20,000, in addition to the sum of \$40,000 authorized of said appropriation by the sundry civil act for the fiscal year 1898.

There were employed during the year under this appropriation fourteen special agents for the examination of surveys, to whom instructions were issued for field examinations in the several surveying districts according as surveys were reported by the United States surveyors-general ready for inspection in the field.

The force of special agents employed by the Department not being sufficient to promptly examine the large number of surveys completed and returned during the fiscal year, four clerks (experienced surveyors) of the division of public surveys in this office were detailed upon field examinations. The compensation and expenses of the special agents and the expenses of the detailed clerks were paid out of the fund of \$60,000 made available for the purpose, except in the case of the examination of surveys of Indian reservations, when the cost of the examinations was paid from the proper appropriation for Indian surveys.

During the fiscal year surveys executed under contracts in the several surveying districts were accepted after inspection in the field by special agents or detailed clerks, and subsequent critical examination of the plats and field notes in this office, and comparison of the same, with the reports and field notes of the examiners, as follows:

Surveying districts.	Con- tracts.	Surveying districts.	Con- tracts.
Arizona	2	North Dakota	6
California	6	Oregon	18
Colorado	3	South Dakota	6
Idaho	10	Utah	3
Minnesota	11	Washington	13
Montana	6	Wyoming	5
New Mexico	2		

Of the surveys reported in the above table, some were partial surveys under given contracts where the entire work under such contracts was not returned during the fiscal year. In some cases surveys were accepted which had been previously suspended on account of errors in the field work or defects in the returns, and in other cases portions of the surveys under certain contracts returned during the year which were found to have been well executed were accepted, but other portions of the work under such contracts were suspended awaiting corrections in the field. There were eight cases in which the surveys were so poorly executed as to necessitate their rejection. The suspended and rejected surveys are particularly referred to in succeeding paragraphs.

During the fiscal year 1898 there were accepted without examination in the field the work under one contract in Utah (resurvey of a portion of the southwest boundary of the Uintah Indian Reservation and portion of the west boundary of the Uncompahgre Indian Reservation), and the surveys under one set of special instructions, each in Florida and Washington; and two sets of special instructions, each in Louisiana, Montana, New Mexico, and Oregon.

In those cases where surveys were accepted without field examination, the liabilities were so small that the expense of sending an examiner to the field would have been disproportionate to the cost of the survey, and as it appeared from the evidence afforded by the examination of the returns in this office that the terms of the contract or instructions had been complied with the surveys were duly accepted.

Among the accepted surveys under contracts and instructions enumerated in the foregoing table were the survey of the ceded lands of the Nez Perce Indian Reservation in Idaho, surveys within the Red Lake Indian Reservation in Minnesota, Devils Lake Indian Reservation in North Dakota, surveys for allotments within the Klamath Indian Reservation in Oregon, Rosebud Indian Reservation in South Dakota, and surveys within the ceded portion of the Colville Indian Reservation in the State of Washington.

During the year returns were received of surveys of the following private land claims in the Territory of New Mexico, confirmed under the provisions of the act of March 3, 1891, entitled "An act to establish a Court of Private Land Claims, and to provide for the settlement of private land claims in certain States and Territories," viz, Gijosa grant, Canada de los Alamos grant, Galisteo grant, Ignacio Chaves grant, Sitio de los Cerrillos grant, Juana Lopez grant, Los Cerrillos grant, Ojo de Borrego grant, Town of Atrisco grant, Antonio Sedillo grant, Pajarito grant, and Cubero grant.

BOUNDARY BLACKFEET INDIAN CESSION, MONTANA.

Under date of June 29, 1896, and May 19, 1897, instructions were issued to the engineers appointed by the Secretary of the Interior, under the provisions of the Indian appropriation act of June 10, 1896, to survey the eastern boundary of the Blackfeet Indian cession in Montana.

This survey was commenced late in the summer of 1896, but inclement weather and heavy snows forced an abandonment of the work. The work was taken up in the summer of 1897 and completed, the returns of the survey being made to this office in February, 1898; and in April, 1898, the survey was duly approved; and plat of survey filed in the local land office April 15, 1898, as contemplated by the act of June 10, 1896.

RESURVEY OF GRANT AND HOOKER COUNTIES, NEBR.

The resurvey of ten townships in the State of Nebraska, made under the apportionment of \$16,000 for that purpose out of the appropriation for surveying the public lands made by the sundry civil act of August 18, 1894, were duly accepted after a critical examination in the field. Those resurveys were executed under a contract awarded by this office. One contract under this appropriation is still outstanding, the returns thereunder not having been received.

SUSPENDED SURVEYS.

On January 8, 1898, the surveyor-general of Idaho was notified that the field notes and plats of the survey, under special instructions bearing date December 19, 1895, had been examined in this office in connection with a report of a special agent who was sent to examine the field work, and that there were errors disclosed which would require the deputy to correct his work in order that it might conform to the requirements of the Manual of Surveying Instructions. The surveyor-general was directed to notify the deputy that he would be permitted to return to the field and put his work into an acceptable shape pending another examination which would be made in the next surveying season.

June 18, 1898, the surveys under contract No. 70, Minnesota, were examined by a special agent, who reported that three of the townships contained errors which were beyond the limits allowed by the manual, while the remaining three were just within the limits of allowable error.

It was deemed best by me to accept the three townships, and the deputy was duly informed that the misclosures and defective monuments found in three of the townships showed very careless work and would necessitate a return to the field and a remodeling of his survey preparatory to a reexamination of the same.

On June 15, 1898, the surveyor-general of Minnesota was directed to inform the deputy who had contract No. 71, Minnesota, that his work had been examined in the field by a special agent of this office and found incorrect. Five sections in one township did not close, and the exterior boundaries were also out of limits. The north boundary of one township was found not to correspond with the south boundary of the township on the north, the examiner having discovered the corners on this line to have been moved two chains north. An explanation of this state of affairs was required of the deputy. In another township (T. 158 N., R. 30 W.) there were four sections which exceeded the limits in alignment and measurement. In still another township three sections were found defective. In view of the faulty condition of the work of this contract the survey was suspended, and the deputy allowed thirty days to show cause why he should not return to the field and place his survey in an acceptable condition.

One township of the survey under contract, No. 72, Minnesota, was suspended by letter to the surveyor-general, June 24, 1898, by me as a result of a field examination by a special agent of this office for the examination of surveys. The examiner found the survey satisfactory with the exception of T. 160 N., R. 31 W., which was carelessly executed. The alignment between sections was greatly in excess of limits, and section 6 did not close within 2.47 chains. The township was suspended and deputy notified to return to the field and cause his lines to be established in conformity with the manual and his instructions.

In Montana, contract No. 308 was suspended as a result of an examination of the field work. The inspector found many errors on the part of the deputies, prominent among which were unsubstantially built and insufficiently witnessed corners. At the corner to sections 28, 29, 32, and 33 the deputy reports no tree to the northeast suitable for a bearing tree, while the examiner finds several.

The deputy and examiner did not agree as to the markings of some of the corners, and in one instance a bearing tree to a corner was reported by examiner which did not appear in deputy's notes. Other errors were found, and the indications were that nearly every mile

was faulty in some respects. In this case the deputies were required to return to the field and make a complete revision of their work. They were directed not to confine themselves to the correcting of the lines examined or of the errors enumerated in the letter to the surveyor-general. The latter was directed to inform the deputies that another examination would be ordered, and it would extend over not only the lines examined at the first inspection, but over a sufficient number of other lines to satisfy this office of the accuracy of the work. He was also notified that the second examination to be made would be final, and if it disclosed errors not yet corrected the survey would be rejected.

In the district of New Mexico, contract No. 305 was suspended for the reason that the deputy did not execute his work properly. He was directed to close his survey on the boundary of a private land claim, the limiting boundary of which claim was the Rio Puerco River, but instead of adopting the line of this stream as the limit of his work, establishing meander corners thereon, and meandering the right bank of the river, he extended his lines so as to include in the public lands the bed of the river and lands beyond, which should properly belong to the grant. The deputy was ordered to return to the field and make the proper corrections.

On March 15, 1898, the surveys within the Fort Stevenson Military Reservation, under contract No. 48, were examined by a clerk detailed from this office, and after a careful comparison of the examiner's notes with those of the deputy, errors were revealed which indicated an erroneous survey.

Between secs., 11 and 12, in T. 47 N., R. 85 W., the line was found 1.74 chains short, and between sections 3 and 4 of same township the line was 1.03 chains short, and there was a difference in the bearing of the line of 35' of arc. The examiner found an angle of 15' at the quarter corner between sections 2 and 3. Almost every line examined by the inspector was found to have a bearing differing from the deputy from 3' to 15', and closing corners on the reservation boundary were nearly all out of limit. There were also important errors in the marking of corners disclosed by the examiner. In view of the results of the field inspection the deputy was required to show cause within thirty days why he should not return to the field and put his work into such shape as would conform to the requirements of this office.

On March 18, 1898, contract No. 656, Oregon, was suspended because of numerous errors found by an examiner of surveys sent from this office. The survey appeared to have been carelessly executed. The work was not of a fraudulent character, and the deputy appears to have been on the ground and attempted a survey, but from neglect or ignorance did not perform his duties in compliance with instructions.

Minor defects, such as the absence of proper marking on the corner posts and of the requisite pits, were reported by the examiner. In

one instance the deputy reported one of the bearing trees to be N. 73° E., 6 links distant, while the examiner reports it N. 53° E., 60 links distant, showing careless reading of the horizontal circle and a mistake in noting the distance. Such bearing, if adopted and approved, would be of no value in a restoration of the corner, but be misleading. At another corner the deputy reports no trees suitable for witness trees within 300 links, but omits from his field notes a tree at 4.17 links, properly marked, which the examiner found. At another corner the deputy reports four bearing trees, and the examiner found but one. At a quarter corner the deputy reports that he witnessed the corner by cutting a cross on a rock 20 links to the southwest, and a cross on another rock 14 links to the northwest, and reports no bearing trees could be obtained within limits; the examiner did not find these crosses on the rocks, but in their stead a fir tree 66 links distant, marked "¼ S. B. T." The differences in alignment and measurement found upon comparing the deputy's returns with those of the examiner were also numerous and beyond the limits, so that the survey showed an aggregate of errors sufficiently great to warrant me in suspending the survey until the deputy should go over his work and put it into a condition which would be acceptable to this office.

An examiner of surveys was sent to the field to report upon the correctness of the surveys under contract No. 652, Oregon. He found that in three of the four townships the survey was well and faithfully executed, but that in the 4 miles of subdivisions in T. 3 S., R. 21 E., he could find no corners or any signs of a survey. He reported that settlers in this township declared that no one had visited that vicinity for the purpose of surveying. The survey of this township was suspended January 28, 1898, for the deputy's answer to the examiner's statement that the survey was not made, and the deputy required to give satisfactory explanations within thirty days or suffer penalty of rejection of the work referred to.

On April 29, 1898, the surveyor-general of Utah was informed by this office that contract No. 205, Utah, was suspended as a result of an examination made by a special agent of this office.

This inspection revealed numerous errors of alignment, varying from 20' of arc to 1° 45', and mostly in half miles, indicating in each case a failure on the part of the deputy to survey the entire mile. This defect is frequently found, upon close examination, among deputies guilty of violating their instructions, and the evidence of it is given by the absence of all blazes or cutting upon the unsurveyed half of the line. In this survey there were differences in the course of bearing trees ranging from 1 to 24 degrees. Also, in a great many instances, the deputy has marked no trees where the examiner finds numbers of them within the specified limit of 300 links. In view of the many faults in this work, the deputy was ordered to return to the field and

conform his survey to the requirements of the Manual and his special instructions.

An examiner detailed from this office was directed to inspect the work in T. 6 N., R. 3 E., under contract No. 427, Washington, and upon his report the surveyor-general directed the deputy to return to the field and make corrections in the survey of the north boundary of the township and the subdivisional lines of the north tier of sections. Another examination was made by the same inspector and the survey found to be still very erroneous as to alignment, measurement, and description of corners. The course of the north boundary was found to change at each quarter corner, in some instances as much as 1 degree. Many corners were loosely set and bearing trees incorrectly marked.

The surveyor-general was therefore notified to require the deputy to show cause within thirty days why his survey should not be rejected.

Under date of December 26, 1896, the surveyor-general transmitted to this office returns of survey under contract No. 429, Washington, which had been examined by a detailed examiner of surveys. A field inspection was made in 1895, and the surveyor-general directed to notify the deputy that the bearing of the south boundary of T. 7 N., R. 3 E., as returned by him, did not agree with the notes of the examiner. The deputy was directed to return to the field and correct this line and to adjust his other lines to conform thereto. The work was again examined by an inspector detailed from this office, and many grave errors in alignment, measurement, and description of corners brought to light. On 1 mile the distance found between the quarter and section corners was 42.40 chains instead of 40 chains, as reported by the deputy. The corner to sections 29, 30, 31, and 32 was found 2.32 chains east of its proper location. These errors are examples of the defects disclosed by the examination. The deputy was accordingly directed to explain the discrepancies and show cause why his work should not be rejected.

An inspection was made of surveys under Washington contract, No. 477, and the examiner reported many considerable discrepancies in courses and distances, and in the majority of corners defective construction, not up to the requirements of the Manual. The deputies were required to return to the field, retrace their lines, and reconstruct the survey so that it would be acceptable to this office.

The surveys under Washington contract, No. 481, were submitted to a field examination by a detailed clerk from this office, the result being that a very poor establishment of lines was disclosed. There was but one township subdivided in this survey, and the deputy's lines were found to differ in length from 1 to 3 chains from the examiner's lines. Corners were found wrongly marked and loosely set. Bearing trees noted by the deputy could not be found by the examiner;

some of the bearing trees were dead trees. The discrepancies were so numerous, there was such careless markings of trees and corner posts, and disregard of Manual requirements, that the survey was suspended by me, and the deputy called upon to submit explanations.

An examination of contract No. 473, Washington, by a special agent of this office resulted in finding an unusually large number of errors and omissions in the deputy's work. He stated in his field notes that he retraced the east boundary between the one hundred and seventeenth and one hundred and eighteenth mileposts, but it was found, by comparing his notes with those of the examiner, that no retracement was made and that the course was merely calculated. The deputy also meandered the shores of a lake where no meander corners were set, and he triangulated across wide stretches of water instead of following the banks. The deputy in another case records in his field notes that he performed a journey of 24 miles in one afternoon, over land for the survey of which he claims high rates as being exceptionally difficult to traverse. This statement was regarded as incorrect. The examiner found numerous evidences of incorrect work. The deputy's courses to bearing trees were widely different from those of the examiner, indicating extreme carelessness. His chaining was also faulty, and differences amounting in some miles to 1.90 chains were reported.

Besides irregularity of chaining, the examiner shows that in many cases the quarter-section corner had not been placed on line between section corners. He reports many lines through timber devoid of cutting or blazing. Great discrepancies were apparent in the descriptions of the country as to whether lines were subject to high or low rates. Upon a careful consideration of this case I directed the surveyor-general to indicate to the deputy that the surveys would be rejected unless satisfactory corrections were made and his whole work placed in an acceptable condition. The deputy in this instance denied the truth of the examiner's findings, and appealed to me to have another inspector sent to the work, alleging bias on the part of the examiner. I have complied with his request and directed a reexamination by a clerk detailed from this office, the returns of which have not yet been received at this office.

An examiner of surveys was ordered to the survey in Washington under contract No. 492. He made a careful inspection of the field work and reported finding a great many errors of a serious and inadmissible character. They occurred both in the distances and in the courses of the lines. In one instance the deputy's measurement of a section line from the corner to sections 7, 8, 17, and 18 to the meander corner on the west bank of the river differed 4 chains from that of the examiner's report. The courses and distances to bearing trees show very great discrepancies.

The surveyor-general was instructed to require the deputy to return

to the field as soon as possible, retrace and correct his survey, and file the amended notes, and that when this was done a new examination would be ordered, upon the receipt of the report of which this office would take final action.

REJECTED SURVEYS.

Contract No. 624, in Oregon, was suspended on January 13, 1896, on account of numerous errors and irregularities found by a special agent of this office, who was sent to examine the field work. The inspection disclosed some gross negligence and carelessness on the part of the deputy. Courses were several degrees in error, and corners were improperly established and not witnessed in accordance with the Manual. The deputy was required to show cause why he should not return to the field and reexecute his survey in a proper manner. On August 12, 1896, the deputy not having responded, the surveyor-general was directed to have him show cause within thirty days why his contract should not be annulled. On March 13, 1897, no reply or explanation having been received from the deputy, the surveyor-general was informed that the survey stood rejected, subject to the usual appeal to the Department. On January 13, 1898, the surveyor-general was called upon for a report on the survey. The surveyor-general having reported that the deputy had received the notice and no reply from him or notice of appeal having been received, the surveyor-general was informed that the survey was finally rejected and the township might be included in any future advertisements for bids on surveys.

On February 20, 1896, I was compelled to suspend the surveys under contract No. 186, Utah, on account of gross errors in projection, establishment of lines, and markings, revealed by an office examination. The requirements of the Manual were ignored and an unsatisfactorily executed survey resulted. The defects were patent to even a cursory examination by persons familiar with the regulations governing United States land surveys, and the field notes and plats should never have received the sanction of the surveyor-general of Utah. On March 31, 1896, the latter submitted to this office the deputy's answer to the criticisms upon his work, in which the existence of errors was denied, and the deputy showed unwillingness to verify his own work by furnishing tables of his closings, and expressed a doubt as to the authority of this office to call upon him to do so. Upon receipt of this letter I directed the surveyor-general, April 21, 1896, to point out to the deputy other inherent radical defects and to require him to return to the field and correct his work.

June 1, 1896, the deputy asked for specific instructions how to amend his survey, and on July, 1896, detailed directions were forwarded to him. The deputy having made corrections to conform to

these directions, a special agent was sent to the field to examine the work. His report was that the survey was wholly inaccurate, and on April 9, 1898, the deputy was called upon to execute an entire new survey under penalty of rejection. The deputy thereupon asked for a reconsideration of the case, which was denied by letter of May 13, 1898. The deputy having refused to comply with directions of this office to reconstruct his field work, the survey was finally rejected on June 10, 1898.

The returns of survey under contract No. 406 Washington, were found to be so erroneous as to warrant the surveyor-general in recommending the rejection of the entire work. This was denied by me, with the statement to the surveyor-general that "it was not the policy of this office to advise the rejection of the returns of surveys until after all efforts to secure the correction of the same in the field by the contracting deputy should have been exhausted."

After a field examination by a special agent of this office the deputy was instructed to return to the field and put his surveys in an acceptable condition. This the deputy purported to have done, and submitted corrected notes. An examiner was detailed to reexamine the work, and reported the surveys as worthless. Another opportunity was then given the deputy to reconstruct his work. No action being taken by the deputy, at the instance of the sureties on his bond special instructions were issued to a compassman to perfect the surveys. Upon the receipt of the corrected returns of said work a detailed examiner of surveys made a field inspection. As a result of this third examination the compassman's survey was accepted, except 3 miles of the south boundary of T. 35 N., R. 30 E., in which an error of over 8 chains was found. This portion of the contract was rejected.

On March 6, 1896, the surveyor-general of Washington was notified that upon the report by a detailed examiner of surveys contract No. 424 was suspended for numerous discrepancies. Serious errors in closures affecting the entire township were found. The deputy was instructed to correct the work, but having failed to file his notes within a specified time this office rejected the survey.

In Arizona the surveys under contract No. 21 were suspended July 18, 1894, on account of numerous errors, one of which was that the latitude and departures of his work failed to close by over 8 chains. On July 23, 1894, the deputy's survey was rejected by the surveyor-general, from which decision the deputy appealed to this office. On August 10, 1894, I affirmed the rejection. January 29, 1895, the deputy was granted permission to show condition of his survey at his own expense. An examiner of surveys was then sent to the work. His report was unfavorable. Deputy appealed from examiner's report, and another examination was made by a different examiner, who confirmed the former inspector in his findings. Finally the surveys on November 16, 1897, were again rejected, and upon deputy's

appeal to the Department on June 14, 1898, the rejection of said surveys was affirmed

In Idaho the surveys under contract No. 15 were suspended February 16, 1896, upon an unfavorable showing by a detailed examiner of surveys sent from this office, and the deputy required to return to the field to correct his work.

The deputy having taken no notice of the decision, on August 4, 1897, the survey was rejected.

The surveys under contract No. 283, Montana, which were dated December 24, 1892, were rejected by me on May 26, 1898. The survey was a joint contract, but was executed by but one of the contracting deputies. The work was examined by two examiners, who reported the work incorrectly performed. The two inspections practically agreed with each other, and it was shown that at eighteen stations there were no corners found. Other noteworthy errors were discovered, but the absence of any trace of corners at so many stations was sufficient to compel me to reject the survey. On October 14, 1897, the survey was finally rejected.

In New Mexico the surveys under contract No. 290 were suspended for defects, prominent among which was the neglect on the part of the deputy to sufficiently and permanently establish his corner monuments. The deputy was instructed to go over the entire work and make it acceptable to this office, so as to conform to the specifications of his contract, special instructions, and the Manual of 1894. An explanation was made by the deputy April 22, 1897, which was unsatisfactory, and, after several attempts to correct the work, another examination showing the work to be still far from perfect, the surveys were finally rejected.

THE BENSON SURVEYS.

In my last report reference was had to the so-called Benson surveys in the State of California, and a history was given of the causes leading to their suspension and prospective correction. It was therein stated that an agreement had been entered into by me with the deputies whereby the latter were to return to the field and correct their surveys so as to be acceptable to this office. By the terms of this agreement the 1st of July, 1898, was fixed as the time limit for the new surveys to be made, and corrected notes thereof filed with the United States surveyor-general of California. It also stated that under no circumstances shall the date for the admission of the corrected notes be extended beyond December 1, 1898.

I have to report that the fiscal year ending June 30, 1898, expired before any field notes were filed pursuant to the agreement.

I have, however, received assurances from the deputies that the work of field correction is in progress, that the field notes of the work on each contract will be filed from time to time as fast as they can be

prepared, and that the returns of all these suspended surveys will be in the hands of the surveyor-general of California in proper form before the 1st day of December, 1898.

With this promise in view, I have, as foreshadowed in my last annual report, caused arrangements to be perfected whereby the surveys in each contract will be examined immediately upon the reception by the surveyor-general of the corrected field notes. A competent and reliable surveyor, without prejudice or bias as between deputies and the Government, will be directed to proceed at once to the field and make a careful and thorough investigation of the surveys.

It is believed that the contemplated critical examination will enable this office to finally dispose of these vexatious and long-pending cases.

THE SURVEY OF FOREST RESERVES AND LANDS ADJACENT THERETO.

Under the provisions of the act of Congress approved June 4, 1897, the survey of all public lands that have been or may hereafter be designated as forest reserves by Executive proclamation, and including public lands adjacent thereto, are to be executed under the supervision of the Director of the United States Geological Survey, as also all subdivisions of lands within said reserves or in lands adjacent thereto.

By letter "E" of June 22, 1897, to the Secretary of the Interior, this office asked to be advised as to the proper construction of the phrase "and including public lands adjacent thereto."

Under date of July 2, 1897, the Secretary of the Interior promulgated the following decision with reference to the quoted phrase in the act of June 4, 1897:

DEPARTMENT OF THE INTERIOR,
Washington, July 2, 1897.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

SIR: The Department is in receipt of your office letter of June 22, 1897, asking to be advised as to the proper construction of the phrase "and including public lands adjacent thereto," as used in the act of Congress approved June 4, 1897, entitled "An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and ninety-eight, and for other purposes."

Said act appropriates:

"For the survey of the public lands that have been or may hereafter be designated as forest reserves by Executive proclamation, under section twenty-four of the act of Congress approved March third, eighteen hundred and ninety-one, entitled 'An act to repeal timber-culture laws, and for other purposes,' and including public lands adjacent thereto, which may be designated for survey by the Secretary of the Interior, one hundred and fifty thousand dollars, to be immediately available."

The act further provides that—

"The surveys herein provided for shall be made, under the supervision of the Director of the Geological Survey, by such person or persons as may be employed by or under him for that purpose, and shall be executed under instructions issued by the Secretary of the Interior."

As the surveys of these timber reservations are to be made under the supervision of the Director of the Geological Survey, it is necessary that a determination be reached as to the meaning of the words "public lands adjacent thereto," in order to prevent conflict between such surveys and those made under the immediate supervision of the surveyors-general.

It is suggested by your office that the surveyors-general be allowed to contract for surveys in all townships which do not actually adjoin the forest reservations. This would leave one tier or range of townships or fractional townships (as the case might be, according to the order setting apart the reservations) over which any necessary surveys may be extended under the supervision of the Director of the Geological Survey as "lands adjacent thereto," while all other lands would be subject to survey under the regular appropriation and the supervision of the surveyors-general.

The suggestion seems to be a good one. The public surveys are generally made by townships, and this was known to Congress, so it may well be held that, recognizing the existing system, it was not intended that the survey of any given township should be divided, and that any township, whether fractional or entire, adjoining any such reservation constitutes "lands adjacent thereto" within the meaning of the statute.

RETRACEMENTS AND RESURVEYS.

On pages 72, 73, and 74 of the Manual of Surveying Instructions, approved June 30, 1894, are specific directions with reference to the "retracement or resurvey of township lines and linear boundaries not established in conformity with the rectangular system of surveying."

On page 224 of said Manual it is stipulated as follows:

If it becomes necessary to retrace any of the exterior lines in order to properly close their lines of survey, it must be done at the deputy's own expense as a legitimate contingent in executing the contract. If it should be found to be absolutely necessary to resurvey and retrace any portion of the exterior township lines, except such as are clearly provided for in the article on pages 72, 73, and 74, the deputy should report the facts immediately to the surveyor-general and await further instructions. The facts as reported to him will be promptly laid before the Commissioner of the General Land Office, specifying the number of miles of retracement required, and, if such resurvey is authorized, the deputy will be immediately notified. In no other case will any resurvey be paid for which is not specifically authorized by the Commissioner.

As the foregoing paragraph excepts such township lines as are clearly provided for on pages 72, 73, and 74 of the Manual, it is obvious that surveyors-general and contracting deputy surveyors were often misled by the apparent conflict of instructions.

To the end of removing misconception of the several paragraphs in the Manual of 1894, and to enable all parties in interest to act intelligently in the matter of retracement and resurveys, circular instructions dated June 15, 1898, were prepared and transmitted to the several surveyors-general.

The Secretary of the Interior, under date of June 15, 1898, formally approved said instructions, and authorized the Commissioner of the General Land Office to direct surveyors-general to attach a copy of the same to the special instructions accompanying all contracts to be

hereafter awarded for executing public surveys in the several surveying districts.

The text of said circular letter and departmental approval is as follows:

CIRCULAR.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington, D. C., June 15, 1898.

To United States Surveyors-General:

SIR: On page 224 of the 1894 Manual of Surveying Instructions it is stated as follows:

"If it becomes necessary to retrace any of the exterior lines in order to properly close their lines of survey, it must be done at the deputy's own expense as a legitimate contingency in executing the contract."

The construction to be put upon this paragraph is to the effect that deputies when closing their lines upon old work should not expect and will not be allowed compensation for running over the lines previously established, when it is done for the purpose of identifying and locating corners upon which they are instructed to close or from which they are instructed to initiate their surveys.

The paragraph is not intended to disallow compensation for retracements made for the purpose of accounting for *connections and closings* upon previously surveyed lines and for the purpose of vindicating the distances and bearings of these connecting and closing lines in cases where the *absence* of such showing would be considered by this office to indicate a failure on the part of the deputy to conform his work to the requirements of the Manual.

For example, suppose the deputy is required to establish the northwest and south boundaries of section 13, the range line having been previously established and accepted, and his latitudinal lines differ in length more than the limit allowed by the Manual; it will be the duty of the deputy to retrace the east boundary of this section and note the alignment in order to explain this excess of difference.

In the same manner an excess of *closing* on this east boundary when running the latitudinal lines of said section will have to be accounted for by a *remeasurement* of the said boundary.

In cases of closing upon previous work in the interior of a township, the deputy often finds that his lines show an excess over limits of several chains in alignment and measurement on opposite sides of a section. His duty in such cases is to rerun the section boundaries adjoining his work to locate the error and reset corners if found dilapidated or insufficiently witnessed. If no error in excess of limits is discovered, payment will not be allowed for the reason that the deputy's own work will thus inferentially be shown defective. He is not required to rerun lines beyond those of the adjoining section.

In another example: Suppose the deputy in subdividing a township, the north boundary of which is already accepted, and the adjoining township on the north subdivided and accepted, finds the lengths of his closing lines in the north tier, and the distances on the north boundaries of the sections of this tier to be in excess of limits, he should retrace and remeasure the north boundary of township and report the measurements reestablishing dilapidated and defective corner monuments at the time. If the line as rerun by him prove to be within limits, he will not be paid for the resurvey, but if the line be out of limits, he is entitled to compensation therefor.

Deputies will also be instructed that in any case of finding a misclosure, in connecting new surveys with accepted surveys, the presumption is in favor of the correctness of accepted work instead of the new lines being run, provided no evidence to the contrary exists. A single trial or random line by the last deputy can not be held to discredit the connected system of work previously accepted under

a previous contract. Hence a deputy must first retrace and examine those of his own lines liable to contain the error which caused said misclosure. If he then finds his own work accurate, and is willing to abide by the result of an inspection thereof, he is required to retrace the older line in which he suspects error, and justify his own work by showing the true condition.

This principle is the basis of the first paragraph on page 53 of the manual, and is a condition precedent to the retracements treated of in this circular.

In cases where the deputy is subdividing a township, the boundaries of which are entirely or partly obliterated, and he can not in closing thereon identify or locate some of the corners, he should reestablish the line in accordance with the rules laid down in the manual, pages 72, 73, and 74. Other cases are treated of in these pages in which deputies will be governed by the directions therein given. It is not necessary to make supposititious cases of every variety of circumstances which the deputy is liable to encounter. It is sufficient to state that retracements and resurveys not specifically provided for in the deputy's special instructions, which are deemed by the deputy to be necessary to make a *consistent showing of his work* (this office to *decide* as to the necessity thereof when finally passing upon the work) and retracements and resurveys found necessary by reason of *obliteration*, will be paid for, satisfactory evidence being required in all cases that they were necessary.

These retracements must be corroborated by the examiner before the deputy will be allowed compensation, and retracements thus made, as well as resurveys, will be noted in the data furnished by surveyors-general to the examiners when starting for the field inspection, and the latter will be required to examine each mile or portion of a mile of such retracements in order to verify the work done by the deputy for which he asks compensation.

When the special instructions accompanying the contract specify that *certain lines* of old surveys are to be reestablished, resurveyed, or retraced if certain conditions be met with and such work is performed in compliance therewith, there will be no question as to the compensation therefor.

You are further directed to notify deputies that retracements made for the purpose of accounting for connections and closings made on lines of old surveys, and to justify the length and bearing of connection and closing lines, where the absence of such would indicate failure to conform to the requirements of the manual, will be paid for at the minimum rate per mile named in their contracts for the class of lines retraced (base lines, standard lines, and guide meridians being classed as township lines, as the manual does not require that such lines when retraced be doubly chained in any instance), provided the reestablishments, resurveys, and retracements stated in his notes are corroborated by the field examiner.

For reestablishments and resurveys (those which involve the establishment of corners) the deputies will be paid at the rates per mile named in his contract for the class and character of lines reestablished or resurveyed.

In restoring lost or obliterated corners the deputy will, when it is applicable, follow the pamphlet instructions for "Restoration of lost or obliterated corners and subdivision of sections," issued by the General Land Office October 16, 1896, a copy of which accompanies the Manual now in his possession.

Notes of reestablishments, resurveys, and retracements will be *full notes* in every particular, and they will be incorporated in a book by themselves. The title page thereof will clearly state, as usual, the surveys made, when and by whom, and under what authority. Following the index will be an affidavit by the deputy explanatory of the lines so reestablished, resurveyed, or retraced, and setting forth the absolute necessity therefor. Following this affidavit will be the usual preliminary oaths of assistants covering the retracements or resurveys. Then will follow the notes of said survey.

In all cases of retracements and resurveys the deputy will append a table of latitudes and departures, showing that the exterior lines limiting his work close within allowable limits of error.

Following the notes the usual final oath of the deputy and his assistants will be inserted. They will cover the resurveys only.

BINGER HERMANN, *Commissioner.*

DEPARTMENT OF THE INTERIOR, *June 15, 1898.*

The foregoing instructions are hereby approved, and authority is hereby given the Commissioner of the General Land Office to direct the surveyors-general to attach the same to the special instructions to deputy surveyors accompanying each contract for the survey of public lands, the same to form a part of such special instructions.

C. N. BLISS, *Secretary.*

EXCESS LIABILITY UNDER APPROVED CONTRACTS.

By circular letter of December 29, 1893, all surveyors-general were instructed with reference to the prevailing custom of underestimating the liabilities of awarded contracts for public surveys, whereby the actual cost of the work when completed in the field and returns thereof, with the accompanying account of the contracting deputy, transmitted to this office, were found to exceed the original estimated liability of the contract from \$100 to \$1,000.

To obviate the many complications which arose between the accounting officers of the Treasury and this office by reason of said excess liability, surveyors-general were instructed to carefully estimate the cost of the work prior to executing the forms of contract and bond, and to make the estimate sufficient to cover all known contingencies; also that the liability of a contract as indorsed on the brief and embodied in the "agreement" should not be exceeded unless specially authorized by the surveyor-general and approved by this office.

Paragraph 4 of said circular letter provides as follows:

Fourth. Whenever the limit of a contract is approached and it is found that the completion of the survey of a township will carry the cost of the work beyond the estimated liability thereof, the deputy must make due application to the surveyor-general for authority to complete the township, stating the approximate cost and excess of liability. The surveyor-general will then submit the matter to this office with his report and recommendation.

After an experience of over four years it was found that the promulgated circular instructions tended to increase rather than diminish the evil complained of, and consequently the approval of applications for authority to complete the surveys and create an excess liability under an approved contract was discontinued, and contracting deputies are now confined to the original estimated liability of their respective contracts.

The paragraphs heretofore inserted in special instructions issued under awarded contracts authorizing applications for excess liability

and completion of contracts are no longer inserted, and deputy surveyors are held strictly to the estimated liability of the contract. While isolated cases of excess liability are occasionally authorized, the facts and circumstances are carefully investigated, and the excess allowed only in exceptional cases.

COMPETITIVE BIDS FOR EXECUTING PUBLIC SURVEYS.

The annual surveying instructions of October 10, 1895, which were in force, with some exceptions, during the fiscal year ending June 30, 1898, provide in cases where the rates of mileage to be allowed for public surveys exceed the so-called intermediate rates (\$13, \$11, \$7 per mile for standard and meander, township, and section and connecting lines, respectively), that it is the duty of the surveyor-general "to invite various competent and reliable surveyors and deputy surveyors to submit estimates of the rates per mile not exceeding the maximum (\$18, \$15, \$12), and the special maximum (\$25, \$23, \$20), allowed by law for which they will execute the work in the specific townships, said estimates to be invited by notices posted in your office and copies of the same mailed to the post-office address of such qualified surveyors as are known to you."

In pursuance of and in addition to said quoted instructions, and in view of the apparent inability of some of the surveyors-general to secure satisfactory and competent bidders, said officers were directed, in all cases where the surveys to be executed would involve the maximum or special maximum rates of mileage, to not only send copies of the notice inviting proposals to all known competent and reliable surveyors and deputy surveyors, but to request said parties to acknowledge the receipt of the surveyor-general's invitation, the latter inclosing to each party a penalty envelope, addressed to the surveyor-general, to secure the acknowledgment.

Surveyors-general were also instructed to send copies of notice of invitation for proposals to the postmaster at the county seat of the county embracing the lands to be surveyed, and the post-office nearest thereto, as also the local land office, with the request that said notices be conspicuously posted in their respective offices; also to request said officials to acknowledge receipt of the notices.

At the expiration of the usual period of inviting proposals (not to exceed thirty days), surveyors-general are required to forward to this office the original bids received from the several surveyors and deputy surveyors, together with the letters of acknowledgment from the other surveyors and deputy surveyors declining to bid and the local post and land offices; also an estimate of the cost of the proposed survey at the rates of mileage bid by the competing surveyors and deputy surveyors.

The purpose of inviting proposals in the manner stated is to secure not only competition, but the services of competent and reliable sur-

veyors, as well as proposals from United States deputy surveyors of known integrity, liability, and competency, who have heretofore executed satisfactory work.

It has been admitted by surveyors-general that in some districts where the class and character of the lands would involve the allowance of the special maximum rates of mileage, that the deputy surveyors residing within the district would enter into a combination and agree not to underbid each other; or to make a pretense of competition by reducing the mileage from 5 to 25 cents per mile, thereby securing the practical allowance of the full legal rates, preventing actual competition, and confining the awards to themselves.

Prior to the issue of the additional instructions and requirements it was ascertained that certain surveyors-general had posted the notice of invitation in their private offices and sent notices of invitation only to a favored few, thus defeating the object sought to be attained and confining the bids to a well-organized "combine."

It is proposed during the fiscal year ending June 30, 1899, to not only carry out and possibly extend the foregoing provisions and proceedings whereby notices of invitation for proposals may be brought to the attention of all competent and reliable surveyors, but also to insert advertisements in daily and weekly newspapers published in the vicinity of the lands to be surveyed, inviting proposals generally for the execution of specified public surveys.

EVIDENCES OF SETTLEMENT ON UNSURVEYED LANDS.

The annual surveying instructions issued for the fiscal year 1895-96, which have since been in force with some exceptions to the close of the fiscal year ending June 30, 1898, contained the following paragraphs relative to the survey of townships where settlers declined for any cause to make application for survey, and of townships contiguous to those for which the proper evidences of settlement were submitted:

It has been brought to the attention of this office that in certain surveying districts great difficulty has been and is experienced by surveyors-general in obtaining from the settlers on the lands the requisite papers to comply with existing surveying instructions, they being unable or unwilling, from various causes, to respond to repeated requests therefor from the surveyor-general.

In view of existing law, stated requirements, and said difficulties, and to the end that the manifest intent of Congress to have surveys extended over the agricultural portions of the public domain with promptness may be carried out, you are instructed, in cases where the known actual settlers in a township neglect to forward applications or petitions for surveys, together with their affidavits, to obtain from other reliable sources information relative to said settlements and the class and character of the lands, and to submit the same to this office for examination and further instruction.

It is further suggested that townships contiguous to those for which evidences of settlement have been submitted to your office should also receive attention in the manner stated, more particularly when said townships are situate within the range and progress of settlement, embrace agricultural lands, and are therefore liable to be occupied by actual settlers in the near future.

-During the past fiscal year the policy as embodied in the quoted paragraphs has been abrogated, and to secure the survey of a township occupied in whole or in part by actual settlers the applications and accompanying affidavits of not less than three settlers on the lands in each township are required. It is held, where the settlers on the unsurveyed lands decline for any reason or cause to join in an application or petition for the survey of the lands occupied or claimed by them, that such declination precludes further action by this office in the matter, it being apparent that public surveys executed under such adverse circumstances as regards popular support and approval are not likely to remain undisturbed as respects the marks necessary to show the course of the lines on the ground.

It has been found impracticable to survey lands in advance of settlement with the expectation that the same will be occupied by actual settlers in the near future.

Where the State authorities make application, under the provisions of the act of August 18, 1894 (28 Stats., 394), for the survey of designated townships, such surveys are authorized without reference to evidence of settlement on the lands, and the surveys in each township are completed in entirety, unless natural obstacles prevent such completion, and independent of the class and character of the lands.

RAILROAD LAND GRANTS.

There have been certified and patented under the several land grants made by Congress to aid in the construction of railroads during the fiscal year ending June 30, 1898, 1,032,534.84 acres of land, a decrease of 4,069,434.47 acres as compared with the acreage during the year ending June 30, 1897.

A detailed statement of the lands so certified and patented by companies and States will be found on page — of this report.

ADJUSTMENTS.

In pursuance of directions of the Department and in accordance with the requirements of the act of March 3, 1887 (24 Stats., 556), examinations have been made during the past year with a view to the adjustment of the grants by Congress to aid in the construction of the following railroads:

Northern Pacific	North Dakota.
Do	Montana.
Do	Idaho.
Southern Minnesota Railway Extension Company	Minnesota.
California and Oregon	California.
Chicago and Northwestern	Wisconsin.

These examinations were, with the exception of the Northern Pacific in Montana and North Dakota, readjustments, made necessary by recent legislation by Congress and by decisions of the Supreme Court made subsequent to prior adjustments and changing the previous

rulings as to the effect of claims of record at the dates of the grants and the definite locations thereunder, and of them the Northern Pacific in Montana and the Chicago and Northwestern in Wisconsin were submitted to the Secretary of the Interior.

The balance will be submitted at an early day.

The adjustments now pending before the Department are:

Name of road.	Date of submission.
Oregon Central Military Wagon Road.....	July 28, 1894
Cedar Rapids and Missouri River (resubmitted on motion for review).....	Mar. 9, 1897
Northern Pacific in Montana.....	Nov. 18, 1897

The grants to aid in the construction of the following railroads and wagon roads have been examined at various times with a view to their final adjustment, have been submitted to the Department with recommendations, and have been returned with instructions chiefly with reference to the institution of suits for the recovery of title to lands found to have been erroneously certified or patented thereunder:

Name of road.	Date of return.	Name of road.	Date of return.
Chicago, St. Paul, Minneapolis and Omaha.....	Feb. 12, 1887	St. Louis, Iron Mountain and Southern (Missouri).....	Feb. 12, 1894
Hannibal and St. Joseph.....	May 29, 1887	Southwest Pacific.....	Mar. 21, 1894
Grand Rapids and Indiana.....	June 30, 1887	Little Rock and Fort Smith.....	Oct. 10, 1894
Sioux City and St. Paul.....	July 27, 1887	Florida Central and Peninsular.....	Dec. 6, 1894
Missouri, Kansas and Texas.....	Aug. 2, 1887	South and North Alabama.....	Dec. 22, 1894
Winona and St. Peter.....	Dec. 26, 1889	Do.....	Jan. 12, 1895
Coosa and Tennessee.....	July 25, 1890	Burlington and Missouri River (Iowa).....	July 9, 1895
Dubuque and Pacific.....	Apr. 9, 1891	Atchison, Topeka and Santa Fe Atlantic and Pacific (Missouri) or St. Louis and San Francisco (Springfield to west boundary of State).....	July 18, 1895
St. Paul, Minneapolis and Manitoba (main line and St. Vincent extension).....	June 10, 1891	Leavenworth, Lawrence and Galveston.....	Sept. 23, 1895
Hastings and Dakota.....	June 23, 1891	Chicago, Milwaukee and St. Paul.....	Feb. 21, 1896
St. Louis, Iron Mountain and Southern (Arkansas).....	Nov. 16, 1891	Chicago and Northwestern (Wisconsin).....	Oct. 16, 1896
Chicago, Milwaukee and St. Paul.....	July 29, 1892	Wills Valley, now Alabama and Chattanooga.....	Mar. 15, 1897
Vicksburg, Shreveport and Pacific.....	May 18, 1892	Northeast and Southwest Alabama, now Alabama and Chattanooga.....	Mar. 15, 1897
Coos Bay Military Wagon Road.....	Sept. 1, 1892	Chicago, Rock Island and Pacific.....	Nov. 30, 1897
Bay de Noquet and Marquette.....	Oct. 3, 1892	Vicksburg and Meridian.....	July 18, 1898
Mobile and Girard.....	Apr. 24, 1893		
Alabama and Florida.....	Dec. 26, 1893		
Florida and Alabama.....	Dec. 26, 1893		
Willamette Valley and Cascade Mountain Wagon Road Co.....	Jan. 27, 1894		

In nearly all these cases the findings and recommendations of this office have received the approval of the Department, which, in returning them, gave instructions as above stated relative to the recovery of title to erroneously certified or patented lands or of the value thereof.

Readjustments of the grants to aid in the construction of Northern Pacific Railroad in Minnesota and Washington, the St. Louis, Iron Mountain and Southern Railroad in Arkansas, the Brainerd Branch of the St. Paul, Minneapolis and Manitoba Railroad, the St. Paul and Northern Pacific Railroad in Minnesota, and the Oregon and California Railroad in Oregon, are in process, and, it is expected, will be completed in a short time.

The adjustment of the Cedar Rapids and Missouri River Railroad grant was returned to this office, but is again before the Department on motion for rereview.

In the course of the adjustments of these grants it has been discovered that considerable quantities of lands have been erroneously certified or patented under them, and this has resulted in the institution of numerous suits for the recovery of title to such lands or the value thereof, which has entailed upon this office a large amount of work in the preparation of records, and in the examination of bills in equity and proposed stipulations between the contending parties, the latter having been submitted for that purpose.

In the case of the Southern Pacific Branch Line Road, several suits were brought against the company which resulted in the recovery of title to certain erroneously patented land and the quieting of title in the United States to certain other lands, all lying within the overlapping limits of the portion of the Atlantic and Pacific Railroad grant which was declared forfeited by the act of Congress approved July 6, 1866 (24 Stat., 123), and the grants of Southern Pacific Railroad Company, and aggregating nearly a million acres.

Instructions for the restoration of these lands to entry were prepared and submitted to the Department on April 15, 1898, were approved May 3, 1898, and transmitted to the local officers at Los Angeles, Cal., May 6, 1898, with directions to give public notice thereof, and set a day for the opening. This has been done, and the lands became subject to entry on September 6, 1898. Since the publication of the notice of the restoration this office has received and is still receiving many letters of inquiry from claimants, particularly from purchasers from the railroad company, whose statements foreshadow that many complicated questions will arise in the disposal of the lands, and demonstrate the wisdom of the Department in making ample and effective provision for notice to all parties interested, and for the presentation of all claims of whatever character.

In several cases the titles of purchasers from railroad companies have been declared confirmed under the provision of the act of March 2, 1896 (29 Stat., 42), and demands have been made upon the railroad companies to which the lands were erroneously certified or patented for the price thereof; and in three cases, the Tennessee and Coosa, the Flint and Pere Marquette, and the California and Oregon Companies against the United States in the lower courts, further prosecution by appeal was recommended, the matter having been referred to this office for an opinion as to the advisability of such action.

RIGHT-OF-WAY RAILROADS.

By the act approved March 3, 1875 (18 Stat. L., 482), Congress granted to railroads, upon certain conditions, right of way through the public lands.

Under the provisions of this act, and of special acts, 458 companies have filed articles of incorporation which have been accepted, 14 of which were accepted during the fiscal year ending June 30, 1898. Right of way has been approved to 376 companies, 8 of which received their first approvals during the same period. There were received during the year 245 maps of locations of railroads, 31 of which have been approved, 9 have been filed not requiring approval, 6 pending before the honorable Secretary, and 193 have been otherwise disposed of, a few of which were rejected, the rest having been returned for correction.

Instructions for making applications under this act are given in the circulars of March 21, 1892, and July 30, 1894, issued in one pamphlet.

A list of companies that have had maps approved with references to various special acts passed for the benefit of said companies is given in the detailed statement accompanying this report.

RIGHT OF WAY FOR IRRIGATION PURPOSES.

Sections 18, 19, 20, and 21 of the act of Congress approved March 3, 1891 (26 Stat. L., 1095), grant right of way over the public lands and reservations of the United States, excepting Indian reservations, for the use of canals, ditches, and reservoirs for the purpose of irrigation, which have heretofore or may hereafter be constructed by corporations, individuals, or associations of individuals, upon compliance with certain requirements as to the filing of papers and maps.

Under the provisions of this act right of way has been approved to 173 companies, individuals, and associations of individuals, of which 24 such applications have been approved during the past year. One approved right of way has been relinquished by the party.

There have been received during the year 213 maps; 32 have been approved, 7 are pending before the Secretary, and 199 have been otherwise disposed of, a few of which were rejected, the rest being returned for correction.

The act of May 11, 1898 (Public No. 88), enlarges the scope of the act of 1891 by the provisions of its second section, which authorizes the occupation of such rights of way "for purposes of a public nature; and said rights of way may be used for purposes of water transportation, for domestic purposes, or for the development of power as subsidiary to the main purpose of irrigation." The full text of the act will be found in the detailed statement herewith.

Instructions for making applications under this act are given in the circular of July 8, 1898.

A list of the applicants that have had maps approved, with references to various special acts passed for the benefit of said applicants, is given in the detailed statement herewith.

STATE DESERT-LAND SEGREGATIONS.

By section 4 of the act of August 18, 1894 (28 Stat. L., 372-422), provision is made for the donation to each of the States in which there may be situated desert lands of not more than 1,000,000 acres of such land as the State may cause to be irrigated, reclaimed, occupied, and cultivated by actual settlers. This act has been amended by a provision in the act of June 11, 1896 (29 Stat. L., 413-434), to the effect that a lien is authorized to be created by the State upon the lands segregated, and that when an ample supply of water is actually furnished to any tract or tracts thereof, patent shall issue to the State for the same without regard to settlement or cultivation.

During the year five lists have been filed by four States, viz, Idaho, Montana, Utah, and Wyoming, all of which have been acted upon. One list filed by the State of Montana was approved during the year, the land involved amounting to 10,632.88 acres.

Instructions for the preparation of lists, etc., under this act will be found in the circular approved September 20, 1898.

RIGHT OF WAY FOR RAILROADS, TRAMROADS, AND WAGON ROADS IN ALASKA.

By the act of May 14, 1898 (Public No. 95), provision was made for the right of way for railroads, tramroads, and wagon roads in the District of Alaska.

Instructions for the preparation of applications under this act will be found in the circular of June 8, 1898.

There have been received during the year fourteen maps, but no action has been taken on them, as the circular was not printed before the end of the fiscal year.

CHIPPEWA CEDED LANDS IN MINNESOTA.

It having been shown that the estimate of pine timber on the ceded Chippewa Indian reservations in Minnesota, under the fifth section of the act of January 14, 1889 (25 Stat. L., 642), was erroneous, and that the Indians were in danger of being deprived of the just revenues from the same, a new estimate has been ordered. This estimate is being conducted by a corps of examiners who are experienced woodsmen, selected on that account, and nearly all from Minnesota. They began work September 1, 1897. They completed work on the Red Lake Reservation in April, 1898, having reexamined 162,472.59 acres of lands previously examined and classified partly as pine and partly as agricultural lands, and having examined the remaining portion of the surveyed lands in said reservation, amounting to 137,415.85 acres, making a grand total of 299,888.44 acres which they examined.

As a result of the work done by the examiners during the fiscal year, 61,151.57 acres of pine lands were, by circular of June 14, 1898, offered for sale at the Duluth and the Crookston land offices on

August 2 and 16, 1898, respectively, and preparations were made in this office for the restoration to settlement and entry of 107,621.55 acres temporarily withdrawn for the purpose of reexamination, and the opening of 367,694.09 acres reported as agricultural lands, but not previously opened to settlement and entry as such. The corps of estimators are now engaged in examining the timber on the Leech Lake and adjacent reservations.

Under the provisions of the act of June 7, 1897, a set of regulations for logging the dead and down timber on the ceded Chippewa Indian reservations in Minnesota were issued by this office and approved by the Secretary of the Interior.

During the logging season of 1897 and 1898, fifty contracts to cut and bank timber to the amount of 71,300,000 feet, entered into between Indian loggers and certain contractors, were approved by this office, but owing to an open winter the logs cut and banked scaled only 55,211,896 feet, from the sale of which over \$260,000 was realized. A considerable amount of logs left on skids in the woods have not yet been sold. The indications are that the logging operations during the ensuing winter will be quite as successful as during the past season, if not more so.

The operations are directed by a competent superintendent, under control of this office.

DIVISION G.

The following is a summary of the work performed in this division during the fiscal year ending June 30, 1898:

Number of letters and decisions written	12,157
Patents written	1,154
Original desert-land entries examined	2,763
Yearly proofs examined	2,773
Assignments of desert-land entries examined	134
Applications for amendments of entries, filings, and patents acted upon...	124
Appeals from registers and receivers decided	289
Appeals transmitted to the Secretary	126
Appeals to Secretary disallowed	11
Motions for review forwarded to the Secretary	15
Applications for certiorari transmitted to Secretary	5
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Entries approved for patenting:	
Preemption	374
Desert land	480
Timber culture	4,387
Commuted timber culture	69
Town site	11
Town lot	69
Total	5,390
Contests decided during the fiscal year	587
Claims patented:	
Indian claims	2,434
Private land claims	70
Claims satisfied with scrip (act June 2, 1858)	52

Small-holding claims.—This term is used to designate the class of claims provided for by sections 16, 17, and 18 of the act of March 3, 1891 (26 Stat., 854), as amended by the act of February 21, 1893 (27 Stat., 470). More than 3,000 of such claims have been filed with the surveyors-general of the various States and Territories to which the law is applicable, but only 188 of such claims have been established by the submission of the necessary proofs as to occupation and possession. A large proportion of these claims includes lands within the limits of private land grants, petitions for the confirmation of which have been presented to the Court of Private Land Claims. It seems probable that some of these small-holding claimants trace their title from these larger grants, and have filed their claims as a protection to them in case the court should decide adversely as to the larger grant.

By the act of Congress approved June 27, 1898 (public No. 161), the time for filing such claims with the surveyor-general has been extended to March 4, 1901.

Entries in Alaska.—One town-site entry and 15 nonmineral entries have been made in Alaska under the provisions of sections 11 to 14, act of March 3, 1891. The town-site entry (Juneau) and 1 nonmineral entry have been patented, while the others have been suspended for various reasons, such as illegal surveys, mineral character of the land involved, insufficiency of the proof submitted, etc.

The law in relation to nonmineral entries in Alaska has been modified by the provisions of section 10, act of May 14, 1898.

At the close of the fiscal year ending June 30, 1898, there were 3,901 entries pending in this division, 3,096 private land claims, 3,756 Indian allotments, 422 contests, and State selections embracing an area of 384,381.35 acres.

THE RECLAMATION OF DESERT LANDS.

At the present time there are 579,368,274 acres of unappropriated and unreserved public land in the United States, exclusive of Alaska. Of this area 546,549,655 acres, or more than 94 per cent, are in the thirteen so-called desert-land States and Territories. Of the vacant lands in these States and Territories it is estimated that 332,176,000 acres are of a character that may be denominated as "desert" under the law providing for the disposal of desert lands; that is, lands that do not produce native grasses in sufficient quantity to make an ordinary crop of hay in usual seasons if unfed by grazing animals, and lands which, without irrigation, do not contain sufficient moisture to produce a natural growth of trees or make an agricultural crop of any kind in amount to make the cultivation thereof reasonably remunerative.

Undoubtedly a very large percentage of these lands do at some season of the year produce grasses and herbs of value for grazing,

but with inconsiderable exceptions are valueless for other purposes without irrigation.

The following table, showing the relative area by States and Territories of the several classes of vacant lands in the desert-land States and Territories, was obtained from the report of Mr. F. H. Newell, of the United States Geological Survey, embodied in the Sixteenth Annual Report of the Survey (p. 494) for 1894-95, by preserving the same ratio between the grazing or desert lands and the total area of the now vacant lands in the several States. As stated in that report, "it is, of course, impossible to arrive at any considerable degree of accuracy in such estimates," but dealing with such vast areas, the table is sufficient as showing the probable character of the lands.

Vacant lands in desert-land States and Territories.

States.	Total area.	Desert and grazing.	Barren irreclaimable wastes.	Woodland and forest.	Estimated water supply to reclaim.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Arizona.....	54,369,023	29,847,000	15,000,000	9,522,023	2,000,000
California.....	42,503,023	19,875,000	19,000,000	3,628,023	17,000,000
Colorado.....	39,708,551	27,808,000	-----	11,900,551	8,000,000
Idaho.....	44,207,949	17,475,000	-----	26,732,949	7,000,000
Montana.....	71,607,616	49,068,000	-----	22,539,616	11,000,000
Nevada.....	61,358,609	38,506,000	20,000,000	2,852,609	2,000,000
New Mexico.....	56,877,835	46,883,000	-----	9,994,835	4,000,000
North Dakota.....	20,574,613	20,402,000	-----	172,613	500,000
Oregon.....	35,897,869	17,067,000	-----	18,830,869	3,000,000
South Dakota.....	12,982,826	12,073,000	-----	909,826	1,000,000
Utah.....	43,937,896	16,319,000	10,000,000	17,618,896	4,000,000
Washington.....	13,442,582	8,847,000	-----	9,595,582	3,000,000
Wyoming.....	49,081,263	33,006,000	5,000,000	11,075,263	9,000,000
Total.....	546,549,655	332,176,000	69,000,000	145,373,655	71,500,000

Of the three hundred and odd million acres of desert lands requiring irrigation to render them valuable farm lands, the available water supply is sufficient for but 71,500,000 acres, thus leaving an estimated area of 260,676,000 acres suitable only for grazing purposes.

While at the first glance it might appear that this vast area of 260,000,000 acres must, for want of adequate legislation, remain the property of the Government, there being no law, save grants to States, by which lands of this character can be disposed of without the entrymen showing possession of a water right sufficient to irrigate all the land entered that is susceptible of irrigation, it is to be borne in mind that there must of necessity be a very large area of these lands not susceptible of irrigation on account of altitude, which lands could be, and are on account of their value for grazing purposes, embraced in desert entries. The percentage of lands that can or will be so entered is, of course, a mere matter of conjecture, ultimately depending upon a consideration of their proximity to irrigable lands and the individual preference of the entryman. It is known, however, that the most valuable of these lands are being selected by the States under

their several grants for educational and other purposes; and while, of course, some part of the available water supply will be used in the irrigation of these State lands, by far the greater portion will remain in their natural condition and be utilized for grazing purposes.

It is, however, of the 71,500,000 acres of irrigable lands, for which there is available water, that I desire especially to call attention in this report.

Under existing laws the individual can enter these desert lands only as it is possible for him to reclaim them from their desert condition by carrying water on them. Since the passage of the original act, March 3, 1877, to June 30, 1898, a period covering more than twenty-one years, there have been reclaimed, under the desert-land laws, 2,617,159.52 acres, or less than 125,000 acres annually, at which rate it would require nearly six hundred years to dispose of all the irrigable lands. In connection with these astounding figures, it should not be overlooked that much the greater part of the lands already disposed of are those bordering on small streams, where reclamation was accomplished principally through individual efforts.

Nearly all of the waters of these smaller streams are now utilized, and the remaining lands depend for their reclamation upon the saving of all overflow waters, and the diverting of the waters of the larger streams, which can be done only by expensive construction. It is, therefore, but a fair presumption that the disposal of desert lands to individuals will annually decrease, unless Congress in its wisdom provides a means by which the annual overflow waters in the arid region may be saved and intelligently dispensed. Congress has taken several steps in this direction, notably the act of October 2, 1888 (25 Stat. L., 526), authorizing the Geological Survey to reserve suitable sites for reservoirs; the act of August 30, 1890 (26 Stat. L., 391), requiring that a right of way should be reserved in all patents for lands west of the one hundredth meridian for ditches and canals constructed by authority of the United States; section 18 of the act of March 3, 1891 (26 Stat. L., 1095), granting a right of way through the public lands and reservations of the United States to canal or ditch companies, and the fourth section of the act of August 18, 1894 (28 Stat. L., 422), granting to each of the desert land States lands that should be reclaimed by them to the amount of 1,000,000 acres each.

Under the last-mentioned act five States—Idaho, Montana, Utah, Washington, and Wyoming—have selected 565,229 acres, of which but 109,611 acres have been segregated by approval; but so far no proof of reclamation of any of these approved selections has been made and submitted to this office.

Each of these acts in a measure tends to the reclamation of some portion of the remaining irrigable lands and the utilization of the available waters; each is the initial step in several theories or plans prominently considered, viz: The acts of 1888 and 1890, governmental

intervention; the act of 1891, private enterprise; the act of 1894, State control.

But the means to be provided, whether ultimately left to the State or corporate interest or assumed by the National Government, must of necessity involve a plan for the storage of the flow of the streams that is lost during those months when irrigation is not in progress and of the flood occasioned by sudden freshets.

The subject of storing waters for the purpose of irrigation has been exhaustively treated for years in the reports of the United States Geological Survey, and it is only necessary for the purposes of this report to advert to one or more of the very complete investigations made by that Bureau to show what practicable results may be obtained in those localities where annually large quantities of water go to waste.

At the Buttes, in Pinal County, Ariz., 14 miles above Florence, the Gila River drains an area estimated at 13,750 square miles.

The records of rainfall of the Signal Service and Weather Bureau, taken at Fort Grant, San Carlos, and Wilcox, in the Gila Basin, from the year 1881-82 to 1895-96, show an annual mean precipitation of 12.38 inches. The discharge of the river at the Buttes has only twice been taken, first, in 1889-90, when a measurement of 366,539 acre-feet was obtained, and in 1895-96, when it reached 623,069 acre-feet.

A reservoir at this site could be built with a capacity of nearly 400,000 acre-feet, which, calculating 2 acre-feet of water as necessary to irrigate an acre of land, would be sufficient for 200,000 acres, whereas during the summer of 1896 but 6,500 acres of land were irrigated in the Gila Valley. (See report of Arthur P. Davis on "The irrigation investigation for the benefit of the Pima and other Indians on the Gila River Indian Reservation," Senate Doc. 27, Fifty-fourth Cong., second session, p. 42.)

In Idaho, about 40 miles southeast of Blackfoot, a reservoir site has been located at the head of the Blackfoot River Canyon, where a 50-foot dam would have a capacity of 545,300 acre-feet, with a drainage area of 666 square miles, thus furnishing water sufficient to irrigate 272,650 acres, or, if utilized for that purpose, more than sufficient to reclaim the entire Snake River Desert. (Eighteenth Annual Report U. S. G. S., vol. 4, p. 331.)

In Nevada we find that a reservoir on Rock Creek, one of the tributaries of the Humboldt River, will store the drainage of 750 square miles in which the annual precipitation is from 7 inches in the lower portion to over 40 inches in the higher mountain ranges. This, with the melting snows, furnishes a run-off of over 150,000 acre-feet per annum, which, with the normal summer flow of the Humboldt, would give water sufficient to irrigate 100,000 acres. (Eighteenth Annual Report U. S. G. S., vol. 4, p. 723.)

By a system of reservoirs in the Sun River Basin, in Montana, it is

estimated that water sufficient to irrigate 235,700 acres could be secured. (Thirteenth Annual Report U. S. G. S., p. 386.)

Along the Pecos River, in New Mexico, private enterprise has already constructed, by means of dams barely exceeding 50 feet in height, a series of reservoirs of enormous size, notably the Lake McMillan reservoir, with a capacity of 138,000 acre-feet, the dam of which is but 56 feet high at the lowest point in the stream channel.

In Wyoming and Colorado extensive surveys have been made and numerous sites located where it is possible to impound the annual overflow of the principal streams in those States. In fact, in every State in the arid West it has been demonstrated that by a proper conservation of water, which is practicable, large areas of desert lands may be converted into valuable farms, for, though now desert, the soil of that region is rich in all that goes to support plant life, as is shown by Prof. Milton Whitney, Chief of the Soils Division of the Department of Agriculture, in an article prepared at my request for the purposes of this report, not only to show that the vast areas of desert lands may be made productive, but also to show, what is a fact, that lands in the arid region which have been reclaimed by irrigation, in many instances on account of their texture, require but little artificial flooding, and the water now used could be better applied over a much larger area. Professor Whitney's article is as follows:

SOILS OF THE ARID REGIONS.

The soils of the arid regions are remarkable for their uniform character over large areas. They are generally light in texture and easily worked. The aridity of the climate retards the kaolinization of the minerals and there is little clay, therefore, in their composition. All arid regions have, therefore, in greater or less extent, peculiar dust soils which have a remarkable power of conserving water unknown in the compact heavy clay lands of the humid regions. The soils of the arid regions are very deep as a rule, and there is little or no difference in appearance or agricultural value between the soil proper and the subsoil. They are almost universally known as very strong soils.

The aridity of the climate has a still more important effect, however, upon the character of the soils. In the decay and disintegration of the rocks from which the soils were derived the salts forming the mineral food of plants have not been removed as in the humid regions. Investigations have shown that there are three times as much potash and soda on the average in the soils of the arid regions as there are in the humid regions, and from six to ten times as much magnesium and lime. In fact, the soils of the arid regions are nearly always strongly calcareous soils which, as a class, are recognized the world over as being among the most fertile of upland soils. The amount of humus in these soils is generally less, but the nitrogen content of the humus is about three times larger than in the humid region, so that the active nitrogen content of the soils of the arid regions is very much larger.

These characteristics, which are the direct result of the aridity of the climate, have provided a soil which is easy to work, which is generally very retentive of moisture, and which is uniformly admitted to be stored with plant food.

There is no question whatever as to the productiveness of these lands if water can be applied through judicious systems of irrigation. The experience of settlers

all over the arid regions show conclusively that under irrigation the lands become exceedingly productive.

There is no doubt that these lands need comparatively little water when irrigated. There are many large areas in California, Montana, Washington, and in most of the other arid States where soils once thoroughly moistened by the winter rains will support a crop throughout its growing period without additional rainfall. There is little loss from underdrainage, and from this fact alone it is a common experience in the semiarid regions of Kansas and Nebraska that, with 20 inches of well-distributed rainfall, the conditions are as favorable as with 40 inches of well-distributed rainfall in the East.

It is a very common experience that the usual application of water is excessive. Many large areas of land in all of the arid regions which have been under irrigation for a period of eight or ten years are suffering from overirrigation, apparent in the accumulation of seepage waters and alkali salts. In many areas the amount of water used now would better be used over two or three times the extent of surface.

On account of the large amount of soluble salts remaining in the soils, as the result of the aridity of the climate and the small loss by drainage as the soils were forming and since, there are large areas where these salts have accumulated, and there are still other areas where there is danger of the rise of alkali through injudicious methods of overirrigation.

The most destructive form of alkali is the sodium carbonate, which occurs over large areas in southern California, southern Washington, Oregon, and in most of the other arid States. Heavy applications of gypsum and a thorough cultivation of the soil is a remedy for this form of alkali. Fortunately there are large deposits of gypsum as a characteristic feature of the geology of the arid States.

There are large areas of land, especially in Utah and Nevada, in which the alkali consists mainly of sodium chloride, or common salt. This is giving little or no trouble under judicious irrigation, provided the land is naturally well drained or if it has underdrainage, as the salt is readily washed out of the soil and carried off in the drainage waters.

There are large areas in North and South Dakota, in Montana, and, in fact, in all of the arid States, where the alkali is composed mainly of sodium sulphate. This is not injurious to vegetation except where it accumulates in very large quantities. Most of the trouble which has arisen from the rise of this salt in irrigated districts could have been prevented by the use of less water, by preventing altogether the accumulation of seepage waters, and by very thorough cultivation. Where this salt is already present in excess for crop production it can be removed by thorough underdrainage and subsequent flooding, followed by a judicious system of irrigation.

There are other salts which are occasionally present in such quantities as to be injurious to vegetation, but as a rule they cover but small areas. They are all soluble salts, and can readily be removed by irrigation and underdrainage. For the most part they are not in themselves injurious to vegetation, and many of them are actually extremely valuable plant foods, when present in not too large quantities.

Seeing the development that has been wrought in the arid West, realizing that in many of the Western States the agricultural and pastoral wealth now exceeds the mineral output of their mountains, with the Government still possessing over 300,000,000 acres of most fertile, and yet for the time being arid, lands, the possibilities of the future are almost beyond the scope of imagination. Water is all that is needed, and of this precious element millions and hundreds of millions of acre-feet are annually allowed to go to waste, which if stored and intelligently used would be the means of supplying homes to millions of settlers.

Believing that the future disposal of these desert lands demands at the hands of Congress a consideration of the necessity for the utilization of all available waters of the arid region, these views are respectfully submitted.

H.—CONTEST DIVISION.

Rule I of the Rules of Practice in cases before the United States district land offices, the General Land Office, and the Department of the Interior permits any person to initiate a contest against any party to an entry, filing, or other claim under laws of Congress relating to the public lands for any sufficient cause affecting the legality or validity of the claim. By the second section of the act of May 14, 1880 (21 Stat. L., 140), a successful contestant is given a preference right of entry for thirty days, after notice of decision in his favor, to enter the land involved in the contest.

The cases that come to this division as the result of contests initiated before the various registers and receivers are classified as follows: First, cases on appeal from the decisions of the local officers on the merits thereof, called docket cases; second, cases on appeal from the decisions of local officers not on the merits, called miscellaneous appeals; third, cases in which there is no appeal from the decision of the local officers, but which must be reviewed by this office in order to determine whether the decisions therein are rendered in accordance with existing laws and regulations, called unappealed cases; fourth, applications to be permitted to contest an entry of record, or for a hearing before the local officers where the same has been denied or the local officers have no power under the rules and regulations to grant the same; fifth, motions for rehearing and review. In addition to the above, the division is charged with the duty of answering numerous letters of inquiry calling for reports from the local officers, keeping necessary dockets, other records and files, forwarding appeals to the secretary, promulgating departmental decisions, etc.

Where a final entry has been involved in a contest, this division is charged with the duty of examining the final proof with a view of either approving the entry for patent or rejecting the same. In order to secure the fullest investigation and provide every possible safeguard against mistakes, two clerks are required to examine the final proof and approve the same before the entry is passed to the patent.

Since December, 1896, the controversies disposed of in this division have been principally those arising between individuals, where rights under the homestead and timber and stone laws and locations of land scrip under various acts of Congress are involved.

Considerable important special work has been very satisfactorily disposed of within the past year, in addition to the duties the division is primarily charged with.

Last winter there were transferred to this division from Division C 93 entries, made under what was known as the credit system, inaugu-

rated by the earliest of our land laws, passed at a time when the prevailing idea seems to have been that our national domain was so vast that one could scarcely imagine a time when its broad acres would all be occupied and made productive, and the principal concern in regard to said lands seems to have been how to dispose of them on the easiest terms and as rapidly as possible.

Most of these entries were made about the year 1818 at the Opelousas, La., land office.

The local officers in many cases failed to make records of such entries, thus causing conflicts with other claims of both later and earlier dates. The lands had not been regularly surveyed. The mails were irregular and uncertain. Two wars have intervened, one of which interrupted communication with that section of our country and tended to distract the attention of public officials from such matters as these old claims. Jurisdiction over the public lands has, since these entries were made, been transferred from the Treasury Department to the Interior Department, and, because of the loss of papers, the difficulty in identifying the lands, or other causes, said entries were unadjusted until last winter, when they were transferred from Division C to this division.

After careful examination of plats, tract books, and old records, and, in some instances, correspondence with the local officers at New Orleans, La., within which district the lands now lie, action with a view to the closing of all the 93 cases has been taken. Eighty of them have been disposed of, some of them being canceled and patents having been issued on the others.

Eleven of the remaining cases are awaiting final reports from the local officers, and it is probable that all will shortly be finally adjudicated. Other work of a similar character is about to be assigned to this division for adjustment. A large number of letters, the press copies of which were becoming illegible from lapse of time, have been transcribed into permanent records during the year.

About 65 per cent of the cases which come to this division on appeal from the decisions of registers and receivers are afterwards taken to the honorable Secretary of the Interior by appeal from the Commissioner's decision. Besides, in very many cases, motions for review of the Commissioner's decision or for rehearing before the local officers are filed, and a review or modification is never granted unless two examiners, neither of whom wrote the first decision, shall conclude that the first decision was erroneous, so that in all such cases the work is increased to three examiners of the same record.

The character of the work performed in this division has been maintained at a high standard of excellence. The work of the division is practically up to date, so that no long delays vex the anxious litigants who impatiently await the decisions of this Bureau in regard

to their rights to the land which has been promised them upon the fulfillment of certain conditions.

The importance of such work as this can not well be overestimated.

Detailed statement will be found in the division report, which is attached in its proper place.

DRAFTING DIVISION.

The map of the United States for 1898, showing newly defined boundaries of the various cessions, was revised, corrected up to date, and, with the tracings of maps of Colorado and Oklahoma and newly compiled maps of Idaho and Alaska, was forwarded to the lithographers for reproduction.

During the fiscal year ending June 30, 1898, editions of the following maps have been received from The Friedenwald Company, of Baltimore, Md., under their contract with this office for the same fiscal year, viz:

Map of the United States, 1897, and maps of the States of Colorado and Idaho, and Territories of Oklahoma and Alaska (two sheets).

In addition to the annual map of the United States for 1899, it is contemplated to recompile and issue, during the fiscal year ending June 30, 1899, the following State and Territorial maps: California, (two sheets), Kansas, Wyoming, and Indian Territory.

Two draftsmen have been employed during the fiscal year on the compilation of various State and Territorial railroad withdrawal atlases for Division F—one draftsman upon work pertaining to the preparation of field notes for binding, and another draftsman upon work pertaining to the preparation of plats of survey for binding.

Under a contract for photolithographing, worn, defaced, and needed plats for fiscal year ending June 30, 1898, 1,326 original plats were sent to the contractor, from which tracings have been made; 20 photolithographic copies of each of these plats, a total of 26,520, are now being printed.

There were made 147 drawing-paper copies of maps and diagrams for official use; 503 tracings of maps, diagrams, and plats for official use; 87 tracings of maps, diagrams, and plats for which fees were collected to the amount of \$456.10; 15 State maps upon which were designated the land districts; 62 State maps upon which were designated the forest reserves; 9 State maps upon which were designated the Indian reserves; 10 State maps upon which were designated the railroad land grants; 5 United States maps upon which were designated the forest reserves; 1,269 photolithographs of plats of survey (5 certified and 1,264 uncertified) furnished for official use to various bureaus; 16 certified photolithographs of plats of survey furnished to surveyors-general and registers and receivers; 199 railroad maps, comprising duplicates of 94 maps and 11 not in duplicate, have been examined and reported upon; 7 railroad-station plats, in duplicate,

and 1 not in duplicate, have been examined and reported upon; 36 railroad maps, 33 canal sites, all in duplicate, have been prepared with land-district designations; 102 maps of canals, ditches, and reservoir sites, all in duplicate, have been examined and reported upon; 872 subdivisional plats, exteriors, and other surveys have been entered upon working diagrams and filed for reference; 107 volumes of field notes of the plats of survey have been properly indexed and sent to the bindery, all of which volumes have been returned and placed on the files; 84 volumes of plats of surveys have been arranged, indexed, bound, and placed on the files; 2,561 photolithographs of plats of surveys (442 certified and 2,119 uncertified) have been furnished to applicants, and fees collected to the amount of \$750.75.

A new index diagram of the field notes of Wisconsin has been completed.

A very considerable part of the time and labor of this division during the past fiscal year has been devoted to miscellaneous work of such detailed character as to preclude classification, such as comparison of plats and explanations with reference to lines of survey.

The recent valuable discoveries in Alaska and the resultant rush of settlers to that Territory, together with demands from contemplating investors in the several industries rendered necessary thereby, have recently impelled this office to issue a land and economic map of Alaska. An edition of 3,000 copies of this map has been printed, on a scale of 48 miles to the inch, and will form a base upon which future land surveys will be indicated.

CORRECTION OF CESSION MAP OF THE UNITED STATES.

After an exhaustive research made by myself and as fully set forth in my special report to the honorable Secretary of the Interior in connection therewith, it was found that the northwestern portion of the Louisiana purchase has been erroneously delineated on previous Land Office maps of the United States in that said purchase has been heretofore shown to extend to the Pacific Ocean, instead of terminating on and having its northwestern boundary line defined by the Continental divide. This error has been corrected on the forthcoming map of the United States for 1898, and the area contained between the Continental divide and the Pacific Ocean, on the east and west respectively, and the forty-second and forty-ninth degrees of north latitude has been properly indicated as having been "Acquired by discovery, 1792; exploration, 1805; Astoria settlement, 1811; and Florida treaty, 1819."

MINERAL DIVISION.

Sixteen hundred and twenty-five mineral entries were made during the fiscal year ending June 30, 1898, thus verifying the statement, made in my last report, that the mining industry had reached its lowest point and was on the up grade.

In the following table is shown the number of mineral entries made for each fiscal year, commencing with the fiscal year ending June 30, 1868, in which the first entry under the United States mining laws was made:

Year.	Mineral entries.	Year.	Mineral entries.	Year.	Mineral entries.	Year.	Mineral entries.
1868	27	1876	583	1884	2,000	1892	1,330
1869	52	1877	565	1885	1,588	1893	1,315
1870	104	1878	642	1886	1,323	1894	868
1871	148	1879	622	1887	1,325	1895	757
1872	264	1880	772	1888	1,314	1896	1,199
1873	546	1881	1,338	1889	1,304	1897	1,236
1874	587	1882	1,848	1890	1,314	1898	1,625
1875	509	1883	2,112	1891	1,217		

In but three years—1882, 1883, and 1884—did the number of mineral entries made exceed that of the present year, and the number of locations entered the present year far exceeds the number made during either of those years.

In the years 1882, 1883, and 1884 Colorado led with 1,024, 1,361, and 1,284 mineral entries, respectively, and in the present year, also, Colorado leads with 939.

No entries of mining claims on the Upper Yukon in Alaska have been made.

Lands classified by commissioners under act of February 26, 1895:

	Acres.
Montana:	
Bozeman	256,260.00
Helena	878,876.65
Missoula	488,800.00
Idaho:	
Cœur d'Alene	500,603.00
	2,124,539.65

The following is a report of the work performed by this division during the year:

Mineral patents issued	1,259
Lode, mill-site, and placer claims included in the above patents	2,492
Coal patents issued	43
Mineral and coal entries approved, but not yet patented	67
Current mineral and coal entries examined	1,470
Suspended mineral and coal entries examined	1,420
Mineral and coal entries canceled	11
Coal declaratory statements canceled	595
Contests decided subject to appeal	49
Contests finally closed	47
Quasi contests decided subject to appeal	138
Quasi contests finally closed	148
Agricultural cases examined and referred	162
Agricultural cases examined and suspended	123
Lists of selections examined and referred, acres	1,330,610.54
Cases referred to the Department	116
Cases referred to board of equitable adjudication	3

It was noticed in last report that under the ruling in the case of the Good Return Mining Company, reported in volume 4, Land Decisions, page 221, it was the practice to embrace a number of mining locations in a single application for patent, and it was pointed out that in this application of the law the individual mining prospectors and claimants were being discriminated against in favor of the mining capitalists.

The ruling of the Department in paragraph 53 of the Mining Regulations, approved December 15, 1897, amended by circular of March 14, 1898, reading as follows:

The claimant at the time of filing the application for patent, or at any time within the sixty days of publication, is required to file with the register a certificate of the surveyor-general that not less than \$500 worth of labor has been expended or improvements made, by the applicant or his grantors, upon each location embraced in the application, or if the application embraces several locations held in common, that an amount equal to \$500 for each location has been so expended upon and for the benefit of the entire group,

will prevent the appropriation of large bodies of lands upon an expenditure of \$500 only, as heretofore permitted and practiced, but it will not prevent the entering of large areas as single claims upon an expenditure of an amount equal to \$500 for each location, "for the benefit of the entire group."

Entries have recently been made in this way for 1,033.49 acres in a single placer claim and fifty-four locations in a single lode claim. It is, therefore, again recommended that the law be amended so as to prohibit the including of more than one lode claim or more than 160 acres of placer ground in a single application or entry.

Section 2350, United States Revised Statutes, provides that—

* * * and all persons claiming under section twenty-three hundred and forty-eight shall be required to prove their respective rights and pay for the lands filed upon within one year from the time prescribed for filing their respective claims; and upon failure to file the proper notice or to pay for the land within the required period, the same shall be subject to entry by any other qualified applicant.

Over 17,000 coal-land filings have been made, and under the above-quoted section more than 14,000 of the number have been canceled, a state of facts surely not contemplated by the framers of the law.

While it is possibly true that a large number of filings are made for purely speculative purposes only, that alone can not account for the very large number of cancellations made. It is believed that many bona fide declarants have been compelled to submit to the cancellation of their filings because the time—one year—given them within which to make payment for the land is not sufficient to enable them to make the necessary explorations to prove the existence of valuable coal deposits, the price for the lands—\$10 and \$20 per acre—being such that they do not want to make the payment until they are

satisfied beyond question that the tracts contain coal in quantities that would warrant the outlay.

It is recommended that said section 2350 of the Revised Statutes be amended so as to permit the extension of the time two years—three years in all—upon the filing with the register and receiver proper evidence showing that during the preceding year at least \$100 had been expended by the declarant in actual and practical explorations for coal within the exterior boundaries of the claim.

SPECIAL SERVICE DIVISION.

The work performed in this division during the fiscal year ending June 30, 1898, is summarized as follows:

Letters and reports pending June 30, 1897.....	570
Letters and reports received and registered	12, 960
Total	13, 530
Letters and reports disposed of	13, 207
Letters and reports pending June 30, 1898.....	323
Letters written	10, 630
Pages of press-copy books	15, 900

During the year 37 special agents were employed in the investigation of fraudulent land entries and otherwise protecting the public lands from illegal appropriation and timber trespass, and also in the examination of applications for permits to cut timber on public lands under the act of Congress approved March 3, 1891 (26 Stat., 1093), the aggregate length of service being three hundred and twenty-nine months and twenty-five days, equivalent to 27 agents for the entire year and 1 agent for five months and twenty-five days.

In addition, 11 special forest agents and supervisors were employed for the examination of proposed forest reserves under the act of March 3, 1891 (26 Stat. L., 1095-1103), and for the purpose of patrolling existing forest reserves and enforcing the observance of the regulations issued June 30, 1897, under the act of June 4, 1897, (30 Stat. L., 34-36), the aggregate length of service being seventy-nine months and twenty-nine days, equivalent to 6 agents and supervisors for the entire year and 1 agent for seven months and twenty-nine days.

PROTECTION OF PUBLIC LANDS.

Eight hundred and eighty-eight cases were referred to special agents for investigation. Hearings were ordered in 120 cases, 741 cases were held for cancellation, 789 canceled, and 298 examined and passed. Final action was taken in 1,264 cases, and there are now pending (June 30, 1898) 2,051 cases.

There are now pending action in the division 77 agents' reports on land claims, 7 records of hearings, and 47 registers and receivers' reports and miscellaneous letters.

. ILLEGAL AND FRAUDULENT INDIAN ALLOTMENTS.

During the fiscal year ending June 30, 1898, special agents of this office have submitted reports in some 67 allotment applications made under section 4, act of February 8, 1887 (24 Stat., 388), examined during said year, in addition to submitting supplemental reports in a large number of cases previously examined and reported on.

Some 86 allotments have been finally canceled during the year, restoring some 10,000 acres of land to the public domain open to settlement and entry, but a majority of the Indian allotment applications reported upon during the last three fiscal years are suspended from action, awaiting advisory instructions and decisions from the Department, requested by office letters of November 30, 1896; April 15, June 24, July 6, and August 3, 1897, and July 4 and 5, 1898.

I again most respectfully call attention to my remarks in my report for the fiscal year ending June 30, 1897, showing that, with but few exceptions, so far as reported to this office, Indian allotment applications on public lands, made under section 4 of the act of February 8, 1887 (24 Stat., 388), as amended by the act of February 28, 1891 (26 Stat., 794), are fraudulent or illegal, and, in most cases, both fraudulent and illegal. These allotment applications have been made, and allowed, for lands not subject to allotment, by white persons and others not entitled to allotment, and in nearly every instance for and in the interest and for the use and benefit of timber and land speculators for speculative purposes, and I believe, from the cases so far investigated and reported on, it is entirely within bounds to estimate that not 5 per cent of the Indian allotment applications made under section 4 of the act of February 8, 1887, are legal and bona fide and made in good faith for the sole use and benefit of the applicant, for farming or grazing purposes, as contemplated and required by the general allotment act.

I would respectfully request that early instructions and decisions be rendered by the Department thereunder.

COMPULSORY ATTENDANCE OF WITNESSES.

I renew my recommendation of last year for needed legislation compelling the attendance of witnesses in behalf of the Government only in hearings before district land officers (or commissioners appointed by them to take testimony), ordered exclusively on the reports of special agents of the General Land Office. The greatest difficulty special agents of this office have to contend with in investigating alleged fraudulent entries is to procure the attendance of witnesses at the hearings resulting from their adverse reports. As a rule, little difficulty is experienced in obtaining information from settlers and others in relation to cases under investigation, but when the parties who furnish the information are summoned to appear at the hearings,

it is another matter. This may be attributed to three causes: (1) Intimidation by parties interested in the land in dispute; (2) unwillingness to testify openly against their neighbors, and (3) indifference resulting from the belief that when the information is given the special agent enough has been done.

As a remedy for this evil I earnestly recommend that Congress be asked to pass a law giving registers and receivers authority to issue subpoenas compelling witnesses to appear before them (or commissioners appointed by them to take testimony) to testify in hearings ordered by this office on reports of special agents involving the validity or bona fides of entries on public lands, and in cases of failure to answer the summons, that the registers and receivers certify such fact to the United States district judge, to whom authority should be given to fine such person for contempt of court in refusing to respond to the summons. If such authority were given, it would be of incalculable assistance to the Government.

THE PUBLIC FORESTS.

FOREST RESERVATIONS.

On March 1, 1898, the lands embraced in the eleven forest reservations which were suspended by the act of June 4, 1897 (30 Stat., 34-36), again became subject to the operation of the proclamation of February 22, 1897, creating them, which added an estimated amount of 19,951,360 acres to the area embraced in the reserves previously created. In addition to this, two new reserves have been created during the year—the Pine Mountain and Zaca Lake Reserve in California, embracing an area of 1,644,594 acres, and the Prescott Reserve in Arizona, embracing 10,240 acres; and the boundaries of the Pecos River Reserve in New Mexico have been changed and enlarged to include 120,000 additional acres.

There are, consequently, now 30 forest reservations (exclusive of the Afognak Forest and Fish Culture Reserve in Alaska) created by Presidential proclamation under section 24 of the act of March 3, 1891 (26 Stat., 1095), embracing an estimated area of 40,719,474 acres, as follows:

States and Territories.	Names of reservations.	Dates of proclamations creating reservations.	Estimated areas in acres.
Alaska	Afognak Forest and Fish Culture Reserve. (Reserved under secs. 24 and 14, act Mar. 3, 1891.)	Dec. 24, 1892	Not ascertained.
Arizona	Grand Canyon Forest Reserve	Feb. 20, 1893	1,851,520
	The Prescott Forest Reserve	May 10, 1898	10,240
California	San Gabriel Timber Land Reserve	Dec. 20, 1892	555,520
	Sierra Forest Reserve	Feb. 14, 1893	4,006,000
	San Bernardino Forest Reserve	Feb. 25, 1893	737,280
	Trabuco Canyon Forest Reserve	do	49,920
	The Stanislaus Forest Reserve	Feb. 22, 1897	691,300
	The San Jacinto Forest Reserve	do	737,280
	The Pine Mountain and Zaca Lake Forest Reserve.	Mar. 2, 1898 June 29, 1896	1,644,594

Forest reservations—Continued.

States and Territories.	Names of reservations.	Dates of proclamations creating reservations.	Estimated areas in acres.
Colorado.....	White River Plateau Timber Land Reserve.....	Oct. 16, 1891	1,198,080
	Pike's Peak Timber Land Reserve.....	Feb. 11, 1892	184,320
	Plum Creek Timber Land Reserve.....	Mar. 18, 1892	
	The South Platte Forest Reserve.....	June 23, 1892	179,200
	The Battlement Mesa Forest Reserve.....	Dec. 9, 1892	683,520
Idaho and Montana.....	The Bitter Root Forest Reserve.....	Dec. 24, 1892	858,240
	The Priest River Forest Reserve.....	Feb. 22, 1897	4,147,200
Idaho and Washington.	The Priest River Forest Reserve.....	do.....	645,120
	Montana.....	The Flathead Forest Reserve.....	do.....	1,382,400
New Mexico.....	The Lewis and Clarke Forest Reserve.....	do.....	2,926,080
	The Pecos River Forest Reserve.....	Jan. 11, 1892	431,040
Oregon.....	Bull Run Timber Land Reserve.....	May 27, 1898	
	The Cascade Range Forest Reserve.....	June 17, 1892	142,080
	Ashland Forest Reserve.....	Sept. 28, 1893	4,492,800
South Dakota.....	The Black Hills Forest Reserve.....	do.....	18,560
	The Uintah Forest Reserve.....	Feb. 22, 1897	967,680
Utah.....	The Washington Forest Reserve.....	do.....	875,520
	The Olympic Forest Reserve.....	do.....	3,594,240
Washington.....	The Mount Rainier Forest Reserve. (Includes the Pacific Forest Reserve, created Feb. 20, 1893, embracing an area of 967,680 acres.)	do.....	2,188,800
	The Teton Forest Reserve.....	do.....	2,234,880
	Yellowstone National Park Timber Land Reserve.	do.....	
Wyoming.....	Yellowstone National Park Timber Land Reserve.	Mar. 30, 1891	1,239,040
	The Big Horn Forest Reserve.....	Sept. 10, 1891	
	The Teton Forest Reserve.....	Feb. 22, 1897	1,127,680
		do.....	829,440

The areas given are the estimated aggregate areas within the boundaries of the reservation. The lands actually reserved are, however, only the vacant public lands therein. Tracts of considerable area, which have been found to be more valuable for other purposes than forest uses, have also been relieved from reservation and restored to the public domain, under the provision for such action made in the act of June 4, 1897 (30 Stat., 34-36).

Certain temporary withdrawals of lands heretofore made with a view to the creation of additional reserves have also been revoked during the past year, examinations having shown that the lands were not suited to forest purposes.

The efforts of this office have been primarily directed during the year to putting into operation the act of June 4, 1897, providing for the administration of forest reserves, and the regulations thereunder.

The very limited force of forest officers at command has, however, so seriously cramped all efforts that it was found out of the question to attempt to inaugurate a practical scheme of administration in anywise commensurate with the needs of the reservations. The work of properly superintending and administering the present existing reserves, embracing, as shown, an area of over 40,000,000 acres and extending over large portions of thirteen States and Territories, is readily seen to be one requiring a large force of officers trained in some measure for the work.

As far as undertaken, the work has shown that it will be necessary to have the reserves constantly patrolled during several months of the year for the purpose of preventing and extinguishing forest fires and

investigating and reporting upon the origin of such fires as may be started through carelessness or willfulness; the selection and cutting of such timber as it may be thought desirable to sell will need superintendence; all cases of unlawful cutting of timber on the reservations will require investigation and report; it will be necessary to watch closely the operations of sheep men and other owners of live stock to see that they do not violate the law and regulations; the examination and classification of lands, where applications are made to have them restored to entry as agricultural lands, will also require much time; and many locations of alleged mineral lands will need investigation and report.

While to organize and maintain a force capable of efficient work in all of these directions demanded, at the start, an outlay far in excess of the means at hand, yet results have been attained sufficient to show conclusively that the benefits to be derived from such a service are infinitely greater than the outlay required, and also to justify the conclusion that the day is not far distant when the forests of this country may, under a rational system of administration, be made to yield an annual revenue to the Government far in excess of results as yet attained in foreign countries, where, so far from the forest service becoming burdensome, it has proved a source of revenue.

In India, where systematic government is of but recent growth, the forests were made to yield in one year a net revenue amounting to \$3,000,000; and in Prussia, where forest administration is scientifically pursued, and the yearly expenditure in connection therewith is about \$8,000,000, the annual receipts therefrom amount to about \$14,000,000.

The experience in Prussia is valuable as a precedent, since it appears to indicate that successful results are in direct ratio to the liberality of expenditure for the service and degree of scientific training given its officers.

Forest fires.—The work of a year in endeavoring to patrol to some extent certain of the reservations has shown that the subject of forest fires is the foremost one demanding attention at present, fire being the one paramount danger to which the reserves are exposed, threatening not only the growing forests, but the forest lands as well, whose productiveness it retards for an indefinite period.

It is estimated that more than eleven billions of feet of public timber have been destroyed by fire within the past thirty-five years, representing in value many millions of dollars. This actual present loss in timber is, however, insignificant in comparison with the effects of the fires on the future of these forests, since to this direct loss must be added the prospective increase in value of the young and growing forest during the years since they were destroyed, and also the injury to the productiveness of the soil.

Nor do the disastrous results cease here, since the direct effect on

the flow of streams and agricultural possibilities dependent thereon must be considered.

Moreover, the loss has been one wholly without compensation. None of the timber has gone toward the development of the country, nor have local interests been benefited in anywise, as is the case, to a large extent, when the spoliation of forest lands results from cutting. No one is benefited when the destruction of forests is the work of conflagration—the loss is total.

Many of our western forests are reported to be peculiarly liable to fires—the inflammable character of the highly resinous trees in certain portions of the West and the hot, dry climate of those regions combining to make fires frequent and destructive. Under these conditions the magnitude of the task involved in protecting such forests from the conflagrations that yearly sweep through them is readily appreciated. It is clearly one that can not be accomplished without extraordinary effort, requiring a force of men in proportion to the great forested areas to be patrolled.

In view, however, of what one fire can cost in a day, in irreparable destruction wrought, the matter is clearly one demanding, from an economic standpoint, measures proportionate to the issues involved.

By proper patrol of the reserves during the dry summer months fires can be to a large extent controlled and in most instances prevented. Already, during the past year, this has been demonstrated by the very small force at command for the work. Many fires were prevented, others extinguished, and much valuable property saved by their efforts.

To emphasize all that has been said, it will serve the purpose sufficiently to mention but one of the cases of fires which are reported to have raged during the past year. In regard to the Big Horn Mountains of Wyoming, which are partly included in a forest reservation, it is reported as follows:

This region is believed by residents to contain mineral deposits of great value. These deposits must be developed by the aid of local timber or not at all, on account of the steepness and isolation of the range and the difficulties of transportation. During the past summer (1897) fires burned over about 70,000 acres, an area capable of yielding at one time, with entire safety to the forests, an amount of timber sufficient to meet local needs, at the present rate of consumption, for more than seventy years.

Sheep grazing.—Next to fires, sheep grazing constitutes the most serious difficulty to be considered in administering certain of the reserves. Present regulations allow the pasturing of live stock on the public lands in reservations so long as it appears that injury is not being done to the forest growth, and the rights of others are not thereby jeopardized. It has been found necessary, however, to prohibit, for the present, the pasturing of sheep in all of the reserves except those in the States of Oregon and Washington, for the reason

that sheep grazing has been found injurious to the forest cover, and therefore of serious consequence in regions where the rainfall is limited. Appreciating, however, that these great bodies of reserved land should not be entirely withdrawn from all occupation and use in connection with so large and important an industry as sheep raising, special efforts have been directed toward ascertaining the particular regions in which the conditions are such as to demand the exclusion of sheep, and toward acquiring the information necessary to a determination as to the nature of the restrictions required to regulate sheep grazing in other regions.

Although, here again, hampered by an insufficient force for the work, sufficient data has been obtained to show that in certain of the reservations the Government needs to take the matter of nomadic sheep ranging vigorously in hand. To such an extent has this business of ranging sheep in public forests been carried that in some localities the forest growth on great areas is in danger of extermination.

In conducting research on this subject great benefit has been derived from a report made during the year by the botanist of the Department of Agriculture, who, while engaged in an extended botanical exploration of the Pacific coast region during the summer of 1897, incidentally made observations regarding the effect of sheep grazing on forest growth in the Cascade Range Forest Reserve. As the result of these observations, the work of this office in devising a scheme of operation to regulate the matter of grazing has been materially furthered, and with the increased appropriation now available it is hoped that during the coming season the practical work of regulating pasturing of all kinds within the reserves may be actively entered upon.

Sales of timber.—Public opinion is reported to have undergone of late a material change in favor of reservations, owing to a better understanding of the object of same. It is fast becoming more generally appreciated that it is not intended to withhold these great areas from the general use of the public and practically lock up their resources; but that the purpose is to maintain and utilize their forest products in a state of the highest continued production for the direct benefit of the people. In other words, the public mind begins to distinguish between a forest reservation and a national park or an Indian reservation. And, with this clearer comprehension as to the purposes to be served by forest reserves, opposition thereto is subsiding.

Efficient protection from the scourge of fire and the regulation of sheep grazing, in connection with adopting a system of timber cutting, with a view to the satisfaction of local demands for forest products, will, doubtless, serve to rapidly settle the question of further opposition from citizens having the public welfare at heart.

So far, it has not been possible to practically enter upon the work of conducting sales of timber, as provided for in the act of June 4,

1897. The subject demands, however, immediate attention as a leading feature of forest administration, and as such is now receiving careful consideration in this office, with a view to inaugurating a rational system of timber cutting which, while keeping in view the improvement of the forests, will supply local demands for forest products, and at the same time yield a fair return in money to the Government. The work is clearly one which will require, to a certain extent, experience and training on the part of forest officers; since, otherwise, the forests may suffer seriously as the result of the operations.

Present legislation.—I am pleased to be able to state that the law of June 4, 1897, under which the reserves are administered and the regulations thereunder have thus far practically met every requirement and demand that has been made upon this office from every source and interest, with the three exceptions that the provision therein for the relinquishment of private holdings within reservations and the selection of unreserved lands in lieu thereof requires to be modified somewhat; no provision appears to be made in the law for the entry of coal lands within reserves where claims have not been initiated prior to the creation of the reserves; and neither is there provision therein for the leasing or renting of lands within the reserves for sanitarium or other purposes in connection with mineral or other springs.

Lieu selections for relinquished tracts in forest reserves.—The act of June 4, 1897 (30 Stat., 36), provides:

That in cases in which a tract covered by an unperfected bona fide claim or by a patent is included within the limits of a public forest reservation, the settler or owner thereof may, if he desires to do so, relinquish the tract to the Government, and may select in lieu thereof a tract of vacant land open to settlement not exceeding in area the tract covered by his claim or patent.

It is my opinion that this provision was intended to apply only to those individuals who are settlers or owners of agricultural lands, who feel that in the inclusion of their holdings within the limits of a forest reserve they are deprived of the natural settling up of the country and the association of neighbors which led to farming communities, the building of roads, and the establishment of schools and churches, and, in consequence, would naturally wish to exchange their lands for tracts outside of the forest reserve.

It is apparent, however, from applications for lieu selections thus far received, that this provision of law is being taken advantage of in a speculative way by the holders of tracts acquired by purchase from the States, railroad corporations, and other sources; that the lands relinquished have little or no value as timber or agricultural lands; and that tracts that once contained valuable bodies of timber, having been denuded of their value, are now offered to the Government in exchange for valuable lands elsewhere; so that if all private holdings in forest reservations, acquired in any manner, may be utilized as the

bases for lieu selections, it may be possible for the owners to select compact bodies of fine agricultural or timbered lands outside the reserves, and compel the acceptance by the Government in lieu thereof of denuded and worthless scattered tracts in the reserves.

The possibilities offered for lieu selections under the law as it now stands will lead to many propositions for the creation of reserves with the sole view of interested parties to acquire the right of lieu selection.

In view of what is here stated, I recommend a modification of the law by adding a proviso at the end of the clause above quoted, as follows:

Provided, That the tract relinquished is agricultural land and that its natural state has not been changed, except to such extent as may have been necessary in clearing the land for actual cultivation.

Entry of coal lands in forest reserves.—In regard to the above-mentioned apparent lack of provision in the act for the entry of coal lands within reservations, your attention is invited to the fact that, while coal lands are, in the general sense of the term, mineral lands, they have never been held subject to entry under the existing mining laws, but have always, since a date long prior to the passage of the mining act of 1866, been disposed of under special statutes at private cash entry. (2 L. D., 827.) Consequently, as the act of June 4, 1897, limits the disposition of mineral lands in the reserves to lands subject to entry under existing mining laws and regulations, and as coal lands are not subject to entry under said laws and regulations, it does not appear that the coal-land laws are applicable.

It is important that provision should be made for entry of lands within forest reservations which are found to be more valuable for coal than for forest uses, and I accordingly respectfully recommend early legislation to that end.

Leasing of lands within forest reserves.—The need for authority to lease or rent lands within forest reserves for various purposes was enlarged upon in my letter to the Department under date of February 28, 1898, making report upon H. R. No. 8162, and transmitting draft of a proposed substitute therefor. Said report and draft of proposed bill are as follows:

I am in receipt, by your reference, for report thereon, of a letter from Hon. John P. Lacey, chairman of the House Committee on the Public Lands, transmitting for any suggestions or information in relation thereto that you may deem proper. House bill 8162, "To authorize the Secretary of the Interior to rent or lease certain portions of forest reserves."

The provisions of the bill authorize the Secretary of the Interior, under suitable rules and regulations to be made by him, to rent or lease ground within forest reservations for sanitarium, hotel, or other purposes, in connection with the use for health or pleasure of mineral, medicinal, or other springs.

I have the honor to report that action in a line with this bill meets with my hearty approval, since the need for such licenses has already arisen in several cases, and, in the absence of legislative authority therefor, the Department has

been compelled to deny the applications (see instructions to this office of December 9, 1897) in the case of application by Edwin Stone and C. Sullivan for lease of certain hot-springs land within the Cascade Range Forest Reserve, Oregon.

I am, however, of the opinion that the provisions of this bill should be expanded to authorize the Secretary of the Interior, in the exercise of his discretion, to rent or lease, under rules and regulations to be made by him, lands within forest reservations for grazing or any other purposes not incompatible with the purposes for which such reservations are created.

I also deem it advisable that provision should be made for covering into the Treasury of the United States all funds arising from privileges granted under the provisions of this act, as a special fund to be expended in the care of public forest reservations.

I have accordingly prepared and inclose herewith, as a substitute for the bill under consideration, a draft of a bill expanding the scope of the same as suggested, and also amending slightly the title thereof, and I respectfully recommend that the bill as amended become a law.

I return herewith Mr. Lacey's letter and the inclosed bill.

A BILL to authorize the Secretary of the Interior to rent or lease, for various purposes, lands included within forest reservations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Interior be, and hereby is, authorized, under suitable rules and regulations to be made by him, to rent or lease, to responsible persons or corporations, ground within public forest reservations for sanitarium, hotel, or other purposes, in connection with the use, for health or pleasure, of mineral, medicinal, or other springs, or for grazing or any other purposes not incompatible with the purposes for which such reservations are created. And the Secretary of the Interior is authorized to prescribe the terms and duration of, and the compensation to be paid for, the privileges granted under the provisions of this act.

SEC. 2. It is further provided that all funds arising from the privileges granted hereunder shall be covered into the Treasury of the United States, as a special fund to be expended in the care of public forest reservations.

In conclusion, I may state that it is a matter of gratification to record that, while the matter of public timber has been the subject of extensive legislation, extending over the larger part of the past century, greater strides have been made toward a rational administration of our public forests during the eighteen months of the present Administration than in all the century preceding.

INCREASED FOREST SERVICE UNDER THE NEW APPROPRIATIONS.

Since the close of the fiscal year, of which the above is a summary of the work performed, the increased appropriations, which became available on the 1st of July, 1898, have admitted of a considerable expansion of the service, enabling this office to place a graded force of officers in control of the reserves. The reservations have been grouped into eleven districts, under as many forest superintendents, each of these officers having under his supervision and direction several forest supervisors in immediate charge of the respective reservations assigned them, each of whom has, in turn, under his personal direction, a number of forest rangers, whose primary duty is to

patrol the reserves, to prevent forest fires and trespasses from all sources, and to see to the proper cutting and removing of the timber designated by the supervisors in cases in which sales are ordered.

For the first time the Government finds itself equipped with not only legislation to regulate the control of the reserves but the necessary machinery to put the legislation into effect; and the placing of this force in charge of the reservations will enable this office to overcome many of the difficulties heretofore encountered.

Forest fires checked.—While it is too early to have received any very detailed or extended reports showing results from this recently organized service, yet reports from various quarters already indicate that the first six weeks of its operation resulted in an enormous saving to the Government in the checking of forest fires.

Fires in California.—Early in August Forest Supt. B. F. Allen, of Los Angeles, Cal., submitted a report in relation to a conflagration which occurred on the last of July within the San Gabriel Forest Reserve, which shows what can be accomplished by taking such fires in hand in time. It is stated that if it had not been for the prompt and vigorous manner in which this fire was handled, under the direction of the forest officers, the injury to property, both public and private, would have been impossible to estimate, and much loss of life would also, doubtless, have resulted, as the fire threatened to sweep down upon a tourists' inn full of guests whom it would have been difficult to have removed to a place of safety.

Since the fire headed toward the heaviest timbered portion of the reserve and its watershed, which is one of the most important in southern California, the damage to public interests that would have resulted, had it not been extinguished in time, is simply incalculable; not only would the present forest growth and water supply of that region have suffered, but equally serious injury would have been done to the forest cover, which is essential as a water conservative.

All of this was saved with the comparatively insignificant outlay of about \$800, as the cost of extinguishing the fire.

The action of the forest officers in taking in hand and successfully coping with this conflagration has demonstrated, thus early in the history of our forestry service, the imperative need for and value of such a service.

The report is of great interest, and is in full, as follows:

Late Thursday night, July 27, smoke was seen ascending from a distant point back in the Sierra Madre Mountains, on the San Gabriel forest reservation. Early Friday morning a small force of men was sent up the Arroyo Seco to locate and, if possible, extinguish the fire.

After going for 15 miles the fire was discovered in Big Bear Canyon; it had gained considerable headway and was burning east and south, being then close to the top of the divide separating Big Bear from Little Bear and the head of Millard Canyon, going in the direction of Mount Lowe and San Gabriel Peak. As the fire could not be fought from the Arroyo Seco, and was also burning the

other way, the men returned to Pasadena, and, reinforced by about twenty more armed with brush hooks and shovels, went over the Echo Mountain incline and Mount Lowe Electric Road to Alpine Tavern. The fire was then distant some 2½ miles. Despite the efforts of these men, the fire could not be controlled, and continued to spread rapidly; so on Saturday, July 30, an additional force of eighty men were sent to the front. After fighting with this help all day and until midnight, the progress of the fire in a southerly direction was checked, but not until it had reached the very summit of Mount Lowe. The fire in the meantime had burned east to the top of the divide separating Bear Canyon from Eatons Canyon and the west fork of the San Gabriel Canyon.

The men were sent out to head it off, which was very successfully done, and by Sunday evening, July 31, the fire was under control all along the line. Hard and persistent fighting was necessary at three different points:

First, at the summit of Mount Lowe the men were put in the midst of the fire, and only after a hard and determined fight was it subdued, the men themselves being in great danger from the flames and smoke. This was necessary, for if the fire had been allowed to cross the summit it would have swept down the other side, and a great loss of valuable property, and perhaps of life, would have resulted, for only a mile below was Alpine Tavern, filled with guests, whom it would have been almost impossible to have removed to a place of safety. The improvements at this place represent thousands of dollars, and it was only by heroic work that it and the valuable timber were saved.

The second place of danger was on the ridge between Mount Markham and San Gabriel Peak, where a successful effort was made to keep the fire out of the San Gabriel and Eatons canyons. If the fire had once gained headway in these canyons it would have taken hundreds of men perhaps several weeks to extinguish it, and the damage done to timber and the watershed would have been incalculable.

The third fight was made on the ridge separating Bear Canyon from Millard Canyon, and was also successful, and so confined to the burnt district, principally to Bear Canyon and the region bounded by the mountain ridges above mentioned. If it had not been for the prompt and vigorous manner with which the fire was handled, it would have been impossible to estimate the damage which would have been done, for in the direction it was going is the heaviest-timbered portion of the San Gabriel Reservation and its watershed, one of the most important in southern California. As it is, the fire was confined to the canyon in which it originated, an area of from 12 to 15 square miles being burned over, the commercial value of the timber destroyed being only nominal, principally of brush and chaparral, only a little of the oak and pine timber being destroyed.

Owing to the drought of last winter the timber and brush were extremely dry and burned like tinder, and to delay setting men at work would have been dangerous. So men were immediately sent to the canyon, and no more were sent than was absolutely necessary. As no tools were available, I was compelled to purchase, and did purchase, only what were really needed.

As men soon became exhausted and overcome by the terrific heat and smoke, it was necessary for them to be provided with canteens for carrying water. If it had not been that the Mount Lowe Electric Road ran to a point only 2½ miles distant from the fire, it would have been almost impossible to have transported men and provisions to where we did. As it was, the facilities of the road were placed at my disposal, and special trains carried the men through promptly. No charge was made by Mr. Torrance, the receiver, for transportation either way over their lines. Food and water were carried on pack animals from Alpine Tavern, and the charges made for same I consider very moderate and reasonable, and at least 100 per cent cheaper than we could have transported them from Los Angeles or Pasadena, the nearest points for supply. As soon as the necessary details were attended to, I went to the scene of the fire and personally directed the campaign.

I placed experienced and competent men as foremen over small squads of men, and the fire was fought in a systematic manner.

I remained until the fire was entirely under control. I then detailed men to patrol until all danger of the further spread of the fire was over.

If these fires are not handled promptly damage is done which it would take two decades of uninterrupted growth of underbrush and timber to undo, and even then the conditions for retaining the rains are not as favorable as before. The mountains, before being burned over, are covered with a dense growth of chaparral, and the ground is covered with a foot or more of fallen leaves and humus, which absorbs the rain as it falls, and as it slowly percolates through is in turn absorbed in the ground; very little runs off, and thus an abundant and continuous supply of water is assured, feeding the springs and streams.

But a fire destroys these conditions; the brush and fallen debris is burned off and the first rain sweeps it off and leaves the hills bare; every ensuing rain makes matters worse and the water escapes in floods. The effect is immediately felt; the streams dry up and there is a marked diminution in the supply of water obtained through tunneling and wells.

To show the damage caused by a mountain fire which burns unchecked, take the large fire of two years ago. It started somewhere back in the range near the Tuhunga and burned for several weeks. At last it reached the Arroyo Seco and devastated miles of territory. As that country was the watershed which supplies the city of Pasadena and a portion of the San Gabriel Valley with water, the several water companies of Pasadena and the supervisors of Los Angeles County sent out a large force of men to try and stop its further progress. It took over two weeks and the expenditure of about \$5,000 before it was finally checked.

It had burned off about 200 square miles of timber and underbrush. When the first rains came it washed down the ashes and, mingling with the water, it formed a strong lye, making the water unfit for use and killing all the fish in the streams. For three months the water could not be used, and a territory inhabited by over 12,000 people was compelled to depend upon its supply of water drawn from tunnels and wells, causing thereby no inconsiderable expense and a great deal of inconvenience.

The water supply of this territory has since that time hardly equaled the demand, causing a loss to orchardists by a lack of water necessary for irrigating purposes.

A telegram on August 23, 1898, from Forest Supt. C. S. Newhall advised this office of his checking an extensive conflagration on the San Gabriel Reserve, which had attained such proportions as to necessitate a force of 90 men to cope with it. I regret to state that considerable damage was done and a large extent of country injured by this fire before it could be gotten under control.

Superintendent Newhall also reports twelve spreading fires extinguished by the rangers in the San Bernardino Reserve.

Supervisor Grant I. Taggart reports that during the latter part of August several fires were started in different parts of the San Jacinto Reserve, in California, in regard to which he states:

Through the vigilance of the Rangers and getting to them in their incipiency they were put out without there being material damage done. * * * I find the Rangers vigilant, quick to act, and with a knowledge how to execute in a time of emergency. With the means at their command I think in several cases they did remarkable work.

Fires in Oregon.—Reports from Supt. S. B. Ormsby and the forest officers under him in charge of the Oregon reserves show a number of fires extinguished by the force during the months of July and August, and that the patrolling of the reserves by the Rangers had not only in that short time prevented destructive fires from gaining headway, but had lessened the number of fires this season to a marked degree.

Efficiency of service demonstrated.—In proof of its efficacy, the Morning Oregonian, under date of September 12, 1898, says:

An inspection by Supt. S. B. Ormsby, of the Oregon forest reserves, of the range districts in his jurisdiction that have in former years been swept by heavy fires, proves the efficacy of this system of surveillance inaugurated for the protection of our forest area. The district reported upon is in southern and southwestern Oregon, where usually from the first of July to the middle of September the air has been heavy with smoke and cinders and the destruction of timber great. As a result of the vigilance of the range patrol, the valleys of the Umpqua and Rogue rivers are now free from smoke, no fires being in progress in that section. This is an indorsement of the forest-patrol system that can not fail to be gratifying not only to Commissioner Hermann but to the public generally.

Exhortations to hunters and campers to extinguish their fires are well enough. Laws making the neglect to do this, or carelessness in starting fires for purposes of clearing the land, a misdemeanor, properly punishable, are well enough as attesting the anxiety of thoughtful and responsible citizens for the public welfare, but it must be acknowledged that such mild means have failed to accomplish the object sought. Carelessness will not be cajoled into painstaking, and the virtues of law are only brought out through alert, vigorous application to the matter in hand. What is everybody's business is, literally speaking, nobody's business. The efficacy of the new system of forest patrol lies in the fact that it delegates to certain men a specific duty, and sends them into the forest charged with its performance. The absence of forest fires in the mountains of southern and southwestern Oregon, as the result of this system, for the first time in many years, may be held to have proven its efficacy under vigilant supervision.

Fires in Utah.—Supervisor Bucher reports several fires in the Uintah Reserve, which, by early discovery and prompt action, were extinguished with little damage to the timber.

Fires in Idaho.—Advices from Supt. James Glendinning show enormous fires in and near the Bitter Root Reserve in Idaho, burning for weeks. One alone, which at the date of writing (August 29) was reported as gaining headway every hour, had devastated a territory 50 square miles in extent, and was preying upon the best watersheds of Camas Prairie. Superintendent Glendinning reports:

Information given me by ranchmen, hunters, trappers, and miners located in the reserve, confirms me in the belief that every fire now devastating that section, also two fires that have been extinguished, were started by unknown parties during the latter part of July and before any forest rangers were detailed for duty. * * * These fires in the first place are little insignificant things that could be extinguished without difficulty if someone could be there at the right moment, but in a day or two it is a roaring, sweeping, indefatigable element beyond human control. * * * I know and believe that the forest-reserve system now being organized will be able to do much toward preventing these fires in the future.

Fires in Montana.—On September 20 Supt. J. B. Collins reported :

I am informed by J. B. Weber, superintendent of the Bitter Root Forest Reserve, that extensive fires are raging in the Idaho side of this reserve. A number of fires have started on the mountain side, but the presence of our rangers extinguished them before damage was done. The good work of our rangers is being constantly manifest.

The same is attested by statements from Supervisor Gust Moser, in charge of the Lewis and Clarke Reserve in Montana, who reported on August 21 that the largest fire in that reserve for the past two years, which destroyed fifteen millions of feet of timber, smoldered for nearly two weeks before it got a good start, and could have been readily put out; and adds, in a report under date of August 31, as follows:

I have been over the greater portion of the reservation, and am pleased to state that the settlers throughout the State are in hearty accord with the Government in its efforts to protect the forests. Heretofore, while they all felt that forest fires should be looked after, yet no one man would take the responsibility upon himself to look after a fire in its incipient state, when it could have been put out with little effort, and the consequence has been that millions of feet of timber have been lost to the Government.

Thus far we have had no fires in the reservation, and I account for it in a great measure to the vigilance of the Rangers in notifying camping parties, hunting parties, and the people traveling over and in the neighborhood of the reserve.

The value of timely action is further shown in a report made September 19 by Supervisor W. J. Brennen in relation to a fire in the Lewis and Clarke Reserve, which, although it had burned over about 100 acres of brush, grass, and undergrowth before his arrival, he succeeded in preventing from extending any further by throwing back from the side lines of the fire all loose and dry material and shoveling off all grass, etc. This was accomplished with the comparatively trifling outlay of \$8 for the services of an assistant.

The above is a brief summary of the initial reports received up to the last of September concerning forest fires, which demonstrates the wisdom of Congress in providing increased appropriations for the protection of public timber.

Utility of service—Timely action.—Inasmuch as the service was not in full operation until the latter part of August, the reports thus far clearly demonstrate the great utility of this service, showing what great good can be accomplished when fires are taken in time and the enormous values that can be saved. Many of the fires that originated early in the summer before the rangers were in the field could undoubtedly have been checked or extinguished in their incipiency and thereby have saved much timber. More important reports of operations during the latter part of August and the month of September are expected.

Scope of forest service.—Forest fires form but one of the important features of forest reservation administration. Full and specific

instructions have been given forest superintendents and supervisors concerning preparing detailed reports on fires, the subject of sheep-grazing, proposed sales of public timber, the examination of forested areas of proposed reservations, exclusion of timber trespassers and other intruders, and methods of patrolling the reserves; making, in all, a very large amount of work placed in the hands of these men, upon which intelligent reports will afford the Government much valuable information.

As above stated, a better understanding of the purposes of forest reservation has led the people in the localities directly affected to take a deep and approving interest in the matter, and with this hearty cooperation forest administration will prove successful.

Instructions to forest officers.—As the specific instructions to the forest officers may prove of interest to the general public, who, it is important, should be well advised as to the nature and scope of the work proposed in administering the reserves, I add here a summary of the instructions on forest fires, forest patrolling, and sheep grazing.

Instructions on forest fires.—In regard to forest fires, the forest superintendents have been directed as follows:

Fire being the paramount danger to which the public forests are exposed, in comparison with which damage from all other sources is insignificant, it is desired that you will see to it that the utmost vigilance and energy are exercised by your forest force to prevent the starting and spread of fires in the reservations under your care.

Each officer should be charged to make the matter of fires in his district the subject of close and careful study, with a view to ascertaining and reporting the chief causes of fires in the different localities and devising means to prevent the same.

They should specially keep a constant watch to prevent fires occurring through the following sources:

1. Hunters, trappers, and other camping parties; more especially those made up of inexperienced persons from towns, who are known to be a fertile source of forest fires.
2. Sheep men, who set out fires to increase pasturage.
3. Prospectors, who frequently set fires to uncover the rock.
4. Parties constructing railroads or making other roadways through the forests.
5. Lumbermen, who should be required to clear the ground of all lops, tops, and other débris resulting from their operations.

The localities specially exposed by reason of settlement, railway construction, lumbering operations, sheep grazing, mining operations, or other causes, should be closely watched, and prompt action taken not only to prevent and extinguish fires, but to bring to justice all parties responsible for fires originating from either carelessness or malicious intent.

Forest officers, more especially rangers, should not wait to have information of fires reach them through dilatory and, more or less, uncertain channels, but should exercise due diligence to keep in communication, by correspondence and otherwise, with persons throughout their districts who may be depended upon to furnish them immediate and reliable information of fires.

A forest officer, upon receiving information that a fire is in progress which needs his attention, should repair promptly to the locality and use all reasonable means to extinguish the same.

In *emergent* cases, where immediate assistance is required to beat out and otherwise prevent the spread of the fire, forest officers, including rangers, are authorized to employ such assistance as may be *absolutely necessary* to control the conflagration. In doing so, however, they must exercise a sound discretion, and observe the utmost care in incurring expenses, which must be kept at the lowest figure possible.

Each supervisor should make *immediate* report to you of all fires of any consequence occurring in his district, with evidence in regard thereto, as far as obtainable, which shall form a sound basis for criminal action under the provisions of the forest fire-act of February 24, 1897 (29 Stat. L., 594), in every case in which there has been a violation of the same, in order that no delay may attend your laying the evidence before the proper United States attorney for prompt proceedings against the offenders.

You will render the United States attorney all the assistance in your power in the prosecution of such cases, and endeavor by all possible means to secure the conviction of the guilty parties with the least possible delay. After placing a case in the hands of the United States attorney, you will report to this office, from time to time, the status of the proceedings therein.

It is thought that convictions under this act will go far toward serving as a deterrent from further violations of its provisions. It is, accordingly, desired that you will take immediate measures, before the present season for forest fires is over, to work up the required evidence in cases in each of your reservations in which fires have occurred, and submit the evidence without delay to the proper United States attorney for action under said act.

To secure the evidence needed in cases of forest fires, you will direct the supervisors to instruct their rangers to report promptly to them, in all cases, the dates of the fires; the names and addresses of the parties responsible for their starting or spread, with the names and addresses of reliable witnesses; the origin of the fires, showing clearly whether they resulted from carelessness, or were started with malicious intent; the localities burned over, stating the probable area of same in acres; the nature of the damage done (that is, whether undergrowth only was burned, or whether there was partial or complete destruction of the standing timber); an estimate of the value of the timber destroyed (stumpage and probable market values); the effect upon the water supply; and all other information of value in relation to the subject.

You will direct all the officers under your charge to endeavor to enlist public sentiment in favor of the Government's efforts to protect the public forests from fires and to secure their cordial cooperation in bringing offenders to justice.

You will observe that the fire act provides that the fines collected thereunder shall be paid into the public-school fund of the county in which the lands where the offense is committed are situated, which provision should act as an incentive to citizens having the welfare of their public schools at heart to secure the conviction of parties guilty of violating this act.

It is desired that you will call upon your officers to report the result of their observation as to whether it would be advisable to allow informants a portion of the fines collected in cases in which evidence of a nature to convict is furnished by them, as an added inducement to vigilance on the part of the community at large in respect to furnishing early and reliable information of fires. In reporting upon this point the probable advantages and disadvantages of such a system should be fully presented.

In order that no time may be lost in reaching fires, the officers should thoroughly familiarize themselves with the topography of the districts to which they are assigned, and with all roads and trails leading through them. Where necessary, the rangers should blaze trails from point to point, and construct bridges

and also cabins for shelter, in order that every facility may be provided for traversing the reserves with all due speed. To establish a sufficient network of trails across the reserves should be one of the first duties of the rangers.

To further facilitate travel, you will also direct your officers to prepare accurate maps and descriptions of the timber and of lines of transportation in respect to each of your reserves.

It is important that they should also make careful report as to the best methods and required tools for fighting fires.

You will impress upon them the importance of posting a sufficient number of fire notices throughout their districts, at frequent intervals along all the roads that enter or cross the reserves and at as many camping places as possible, or other places peculiarly liable to fire, being careful to renew the notices whenever they are removed or destroyed. They should also request the postmasters and other Government employees and persons interested in the protection of the forests to post the notices in suitable places.

Instructions on forest patrolling.—In addition to the instructions on patrolling involved in the subject of fires the superintendents have been directed to further report on advisable measures to adopt in devising the most practicable system of patrolling the reservations, covering the following points:

In respect to each reservation, you will show the dangers to which it is peculiarly liable and the particular measures necessitated by the varying conditions in the different localities.

You will make this matter the subject of careful study, and submit a report which shall enable this office to determine upon a working plan for each of the several reservations.

It is specially desired that you will submit an expression of opinion upon the extent to which it would be feasible to adopt in your reserve any or all of the following measures:

1. Establishment of a patrol in central distributing stations, each station so located as to be accessible to the largest possible forest area.
2. Establishment of various signal stations to cover as extended an area as possible.
3. Mapping, in duplicate, the area under each signal station and dividing the area into numbered districts, one map to be at the signal station and the other at the patrol headquarters.
4. Connection of signal stations by telephone lines with patrol stations, stating probable expense of such connection.

Instructions on sheep grazing.—As to sheep grazing, the superintendents are to inquire into and report upon the following points:

The probable number of sheep and number of flocks that seek the different reservations; duration of the grazing season; character and location of the grazing lands; extent and general course of ranging; nature of the trees, undergrowth, and vegetation in general in the reserves, and effect of sheep grazing on same; the damage done, if any; the methods pursued by the herders, and whether they are in the habit of setting out fires to increase the pasturage of the next season; whether grazing tends to increase or to lessen the damage by fires; relation of grazing to the water supply—whether the water supply is either lessened or seriously polluted thereby; importance of the sheep industry in those regions; the effect of exclusion of sheep from the reserves upon the trade relations and commercial welfare of the State or Territory in which the respective reserves are situated; whether the public interests will be best served by the regulation of

pasturage within the reserves or by its prohibition. If pasturage should be permitted, state whether there are any particular portions of the reserves specially liable to injury, and from which it would be advisable to exclude sheep; and if so, suggest limits of such closed areas; whether advisable to grant the grazing privilege to sheep owners without charge therefor in return for the protection of the reserves from forest fires, overgrazing, or other evils; or whether advisable, in connection with requiring such protection, to make a charge per acre for the privilege of grazing; and if so, what would be a reasonable charge per acre in the several localities. Suggest any further restrictions and limitations that may be advisable; whether advisable to prohibit grazing upon the higher ranges until the summer is well advanced; the advantages and disadvantages to the Government and to the sheep owners to be considered in determining the question whether sheep grazing shall be allowed within the several reserves; and all other points material to a clear understanding of all the local interests more or less involved in this matter.

You will confer freely with sheep owners and others interested in the subject and endeavor to obtain their cordial cooperation. Also ascertain what assurances can be had in the way of preserving and increasing the pasturage by the sowing of grass seeds by sheep owners and herders.

TIMBER ON UNRESERVED LANDS.

The work of protecting and regulating the use of timber on the unreserved public lands has comprised three branches, viz:

The issuing of permits to cut timber free of cost;

Sales of timber; and

The prevention of depredations upon timber.

Timber permits.—The number of applications received during the year for permits to cut public timber, under the act of March 3, 1891 (26 Stat. L., 1093), amounted to 36, including 13 applications for renewal of privilege, being a decrease of 60 applications from the preceding year. During the year 12 permits were issued and 79 applications were rejected.

The decrease in applications for permits to cut public timber resulted from a change of policy in the administration of said act of March 3, 1891, which went into effect on the 1st of April last, whereby the practice of issuing permits to cut public timber free of cost for purposes of sale and traffic was abolished.

As pointed out in my last annual report, the practical operation of the act, as heretofore administered, had fully demonstrated the want of wisdom in placing public timber, in large quantities, at the disposal of mill men and others, without providing adequate compensation to the Government therefor. Further careful consideration of the act led to the conclusion that it would be well to adopt a policy thereunder directly in a line with the policy which has been recently adopted by Congress in the act of June 4, 1897 (30 Stat. L., 34-36), providing for the use of timber within forest reservations. The rules and regulations under the act of March 3, 1891, were accordingly revised to restrict the taking of timber thereunder, free of charge, to use by settlers and others on their own claims or farms, and limit-

ing the quantity to an amount not to exceed \$100 worth in any one year; and to meet all legitimate needs of trade, further provision was made for securing timber thereunder, to a reasonable extent, for purposes of traffic and sale, upon payment for same, upon a basis of competition after appraisalment by this office. (See 26 L. D., pp. 399, 404.)

Since by this action the regulations governing the use of timber on unreserved lands under the act of March 3, 1891 (26 Stat. L., 1093), have been brought into line with the policy recently defined by Congress governing the use of timber on lands embraced in reservations created under an act approved on the same date, there appears to be no room to doubt that said revised regulations are in a line with the spirit and intent of Congress.

In this connection it is pertinent to observe that in recent legislation respecting timber on public (unreserved) lands in Alaska, Congress has again followed this line of policy. (Act of May 14, 1898, Public No. 95).

Sales of timber.—In putting these revised regulations into operation, however, it is apprehended that there will not be many applications for sales of timber, so long as all forested lands are not withdrawn from disposal and provided with proper protection; since, clearly, the unprotected condition of the unreserved lands at present admits of the free taking of timber therefrom irrespective of law or regulations.

Efforts to control the use of timber by these regulations are further rendered unavailing by the fact that the act of June 3, 1878 (20 Stat. L., 88), authorizing the taking of timber, in certain States and Territories, from lands subject to entry under the mineral laws, operates, practically, as a donation to the public at large of all the timber on unreserved lands in those States and Territories; while the additional act approved on the same date (20 Stat. L., 89), as extended by the act of August 4, 1892 (27 Stat. L., 348), affords a ready cover for the acquirement of the most valuable timber on the unreserved lands throughout all the public-land States by payment for the land at the mere nominal rate of \$2.50 per acre. Both of these acts should be repealed forthwith.

As matters stand, it is impossible to properly regulate the use of timber on the unreserved lands. I am, accordingly, of opinion that all public lands which are of more value for forest uses than for other purposes should be withdrawn from entry or other disposal as rapidly as it is practicable to make the necessary examinations, and be set apart as forest reservations. I am fully in accord with the opinion expressed in a report recently received in this office to the effect that "no good reason can be given for the maintenance of the present reserves which does not also demand the withdrawal and protection of all similar lands now held by the Government."

Until this is accomplished this office is greatly handicapped in its efforts to prevent the spoliation of these lands.

Opinions on this subject by men most interested in the preservation of western forests have been loudly voiced during the past year, unmistakably favoring the withdrawal and protection of these lands. The National Irrigation Congress, held at Lincoln, Nebr., September 30, 1897, passed unanimously a resolution advocating the withdrawal from sale or entry of all lands now in the possession of the Government which are of more value for their timber than for agriculture or for minerals, and on December 8, 1897, the American Forestry Association emphatically reiterated the conclusion embodied in this resolution. There appears to be, in fact, a significant unanimity of opinion upon this point on the part of those who are most competent to judge and who have the welfare of the public at heart.

Need for amended legislation.—In regard to the timber on such of the public lands as are better adapted to other purposes than forest reservation uses, and which will, consequently, remain unreserved, it is of urgent importance that a general law should be passed at an early date which shall repeal the numerous conflicting and undesirable public-timber laws which at present cumber the statute books, and in their stead make adequate provision for the protection and rational use of timber on such lands upon lines similar to those governing the use of timber within reservations.

The imperative need existing for such action was elaborated upon in my last annual report, in which the manifold evils growing out of the present mass of legislation on this subject were set forth in detail, in connection with inviting attention to the fact that the repeal of certain of the most obnoxious of these statutes had been the subject of urgent recommendation on the part of this office for twenty years.

I again respectfully urge the need for a law which shall accomplish the desired ends, with the hope that the matter may receive the attention of Congress at an early date.

DEPREDACTIONS UPON PUBLIC TIMBER.

Unlawful appropriation of public timber has been by no means confined to unreserved lands; large cases of depredations have also been reported upon lands included within forest reservations. During the year 355 cases of trespasses have been reported, involving public timber and the products therefrom to the value of \$626,182.41 recoverable to the Government.

A comparison of the amounts involved in accepted offers of compromise and propositions of settlement, and authorized sales of timber, and in fines and judgments rendered, as of record, during each of the two fiscal years 1897 and 1898, on account of depredations on the public timber, is as follows:

Year.	Compromises, settlements, and sales.	Fines and judgments.	Total.
1897	\$37,990.81	\$73,548.98	\$111,539.79
1898	23,481.77	120,762.73	144,244.50

This is a total for the two fiscal years of \$255,784.29, or \$75,784.29 in excess of the total appropriations for said two years for the entire force of special agents, including those employed in investigating fraudulent land entries and swamp lands.

It will be noticed that the gross amount involved in the above items during the fiscal year ending June 30, 1898, is \$32,704.71 in excess of the gross amount for the preceding fiscal year, and \$54,244.50 in excess of the appropriation for 1898.

During the months of July, August, and September, 1898, sales of timber have been authorized, and offers of compromise and propositions of settlement in cases pending on June 30, 1898, have been accepted, for an aggregate sum of \$86,833.49, of which amount \$76,543.62 have been actually paid into the Treasury and will be accounted for in the annual report of this office for the fiscal year ending June 30, 1899.

On the 30th day of June, 1898, there were pending in the United States courts 140 civil suits for the recovery of a total amount of \$3,224,327.36 for the value of timber alleged to have been unlawfully cut from public lands, and 412 criminal prosecutions for the act of cutting and removing timber in violation of law.

The two serious difficulties with which this office has had to contend, during the last year, in its efforts to prevent depredations upon public timber have been, as in the past, the want of proper legislation on the subject and the need of a sufficient force of special agents. When it is considered that large portions of the West are in course of development, the difficulty of restraining and regulating the use of timber on public lands is evident.

Under existing conditions, to satisfactorily control the public timber operations of sawmills and great lumbering plants is each year proved to be difficult. While much has, undoubtedly, been accomplished in this direction, yet the best efforts of this office to wholly check such operations have been unavailing. In many quarters depredations are not being suppressed, but are, to a large extent, keeping pace with the development of the country. This will continue to be the case so long as the laws regarding timber on the unreserved lands remain unchanged. The efforts of the present force of special agents to prevent depredations disclose the rapidity with which such lands are being swept of their timber, and abundantly testify to the need for amended legislation in regard thereto, as above recommended, and to the further need for a largely increased force of special agents to properly protect these lands.

EXTENSION OF THE YELLOWSTONE NATIONAL PARK RECOMMENDED.

I have the honor to recommend that legislation be enacted extending the limits of the Yellowstone National Park, as recommended in report made January 12, 1898, by Col. S. B. M. Young, of the Third

United States Cavalry, as acting superintendent of the park, submitting the draft of a bill for the extension of the boundaries of said park.

The boundaries as suggested in said bill, which are indicated on a map accompanying the same, would extend the limits of the Yellowstone National Park so as to embrace the Yellowstone Timber-Land Reserve, created by proclamations of March 30 and September 10, 1891, which lies on the east and south boundaries of the National Park, and comprises about 1,914 square miles; all that portion of the Teton Forest Reserve lying east of the summit of the Teton Range and comprising about 1,050 square miles, which reserve was created by proclamation of February 22, 1897, and adjoins the Yellowstone Timber-Land Reserve on the south, together with an unreserved area of about 30 square miles at the southwest corner of the park, in Idaho, and an unreserved area of about 260 square miles at the northwest corner, in Montana.

In the forest reserves are fine bodies of timber which it is important should be preserved from fires because of its value as timber, as well as the protection to watersheds and against fires running into the park.

It is reported that during the winter months the large game from the National Park herd to a very considerable extent in the areas now under consideration, and they should have all protection possible from destruction by marauders, who are constantly on the watch for game as it roams out of the park limits. The State game laws are applicable to the forest reserves, and for this reason it is impracticable to prevent the killing of game in the reserves in the same manner and to the same extent as it is prohibited in the park.

The superior discipline of regular troops makes a more effective patrol than the civil forest officers, and cavalry can cover a greater extent of territory with more expedition and is better able to cope with trespassers than are forest rangers.

In view of the importance of protecting this country, which has an international reputation on account of its scenic beauties, and to throw additional safeguards about the big game whose natural home is the National Park, and to protect more effectually the timber embraced in the forest reserves adjoining the park, I think it a wise policy that the areas I have herein described be embraced in and placed under the laws and management relating to the Yellowstone National Park.

HISTORY AND PROGRESS OF EXAMINATION OF CHIPPEWA CEDED LANDS IN MINNESOTA.

Since the preparation of the tabulated statements showing the business of this office for the past fiscal year it may be proper to make a further reference to matters connected with the execution since then of the act of January 14, 1889, and of the logging regula-

tions under the act of June 7, 1897, and especially will this be pertinent at this time in view of the recent outbreak among the Chippewa Indians in Minnesota, and the same is given to October 11, 1898.

The first offering of lands under the act of 1889 was in July, 1896. At that time 115,342.78 acres of pine land, containing 225,977,000 feet, valued at \$686,333, were offered, and 65,038.33 acres were sold, containing 118,224,000 feet, valued at \$369,282.34. The remaining quantity unsold was, under the act of January, 1889, subject to private cash entry at the appraised price, and was 50,304.45 acres, containing 107,753,000 feet, valued at \$319,040.66. Owing to complications, hereafter referred to, of the amount last mentioned, on August 3, 1897, there was ordered to be reexamined 41,843.44 acres, containing 95,620,000 feet, valued at \$286,860, leaving a remainder open to entry at the appraised price of 8,460.01 acres, containing 12,133,000 feet, valued at \$36,399. There was also opened under the act of 1889, in May, 1896, 1,038,888.64 acres of agricultural land. Of this amount 116,461.90 acres was ordered reexamined August 3, 1897, for reasons that will hereafter appear, leaving the remainder subject to homestead entry 922,426.74, which, at the price fixed by the act of 1889, will amount to \$1,153,033.42.

On October 20 and 31, 1896, complaint having been made to the then Acting Secretary of the Interior of incompetency and mismanagement on the part of the then existing board of Chippewa examiners, under the act of 1889, United States Indian Inspector J. George Wright was instructed to proceed to the ground, and make an examination and report of the examination made by said corps of examiners and their competency. On December 31, 1896, he submitted his report to the Department. The report is an exhaustive paper, and shows that he examined, with the corps of experts selected by himself, 85 tracts, and found 8,000,000 feet more pine than was reported by the examiners, and he reported inexperience and carelessness on the part of said corps.

I find from the register of this Department of 1894 a list of 28 examiners, 13 of whom were from Minnesota and 14 of whom were from other States, some of which States, for instance Georgia, Alabama, Tennessee, Arizona, Nebraska, Ohio, South Carolina, and North Carolina, are not understood to have timber of the character to be examined. Many of these men testified, when examined by Special Agent Wright, that they had had no previous experience in the business of estimating timber and admitted their incompetency.

In consequence of said report of Inspector Wright, on January 4, 1897, the honorable Secretary ordered that all unsold pine lands be withdrawn from entry and sale, and in further consequence of said report, on August 3, 1897, reexaminations of the areas of pine and agricultural lands, above referred to, were ordered by the Department and a board of examiners was appointed. Special care was taken to

select competent men—men who were not upon the previous boards, and who were from a timber region and versed in estimating timber, and accustomed to the climate to be found in the vicinity of this land. This board, as now constituted and selected, consists of 23 men, 17 of whom are from Minnesota and especially versed in the business of examining timber and acquainted with the country and conditions of this timber; the remainder were individually recommended to this office as being well versed in the examination of timber, and they come from States in which timber is understood to exist in large quantities and of similar character to that to be examined.

With this corps of examiners a reestimation of the pine on the Red Lake Reservation was undertaken, and considerably more timber has been found on the land reestimated than was found by the previous corps. Of the agricultural lands so reestimated, 4,706.17 acres were found to contain enough timber to be classed as pine lands, and they were raised to such class, their valuation thereby being considerably enhanced. In August, 1898, of the amount so reexamined and of the original examination by this board, 61,151.57 acres, containing 129,379,000 feet, of the value of \$391,975.86, were offered at public sale, and of this amount about 21,507.15 acres were sold for \$173,969.37, so that there remains subject to cash entry at the appraised price about 39,644.42 acres. Of about 38,960 acres reexamined, present corps found 106,993,000 feet of pine, against 92,353,000 feet by the Douglas corps, giving an amount saved and recovered to the Indians of \$43,920.

There were also opened to entry on October 5, 1898, 367,964.09 acres of agricultural lands on said Red Lake Reservation, which, at the price fixed by the act of 1889, will amount to \$456,617.61.

The total amount received for the sale of both pine and agricultural lands to September 30, 1898, is about \$659,913.41. Of this amount only \$349.07 was for agricultural lands, 320,634.01 acres of such lands being embraced in homestead entries, on which there are due \$400,543.44, and still a large amount being vacant.

No complaint has been made to this office of undervaluation by the present corps. They have performed their work more expeditiously than the former board did, and they have found more timber. They concluded their examination of the lands in Red Lake Reservation in April, 1898, and have since been examining fourteen townships on the Leech Lake, Winnibigoshish, and Cass Lake reservations, which townships lay on each side of a line of newly constructed railroad; and it was thought desirable that the examination thereof should be pushed, and it is the intention to put the same on the market as soon as possible in order to avoid loss by destruction consequent upon the influx of people occasioned by the construction of the railroad. There are about thirty other townships in these reservations which will be examined as fast as may be, and the examiners will then go to Fond du Lac, or one of the other smaller reservations, and will then return

to the Red Lake and examine lands which have been or may have been surveyed since their departure from that reservation. This survey is being pushed with all possible speed consistent with an exact and proper execution of the same.

Chief Examiner Seeley, who is a resident of Minnesota, is well versed in all that pertains to pine timber, is a practical cruiser of many years' experience, and goes into the woods among his men and tests their knowledge, care, and diligence in every way possible. It is believed that the Indians' interests are as carefully guarded under this selected crew of examiners, and under the system of inspection and comparison of their work, as it is possible for the business to be, and the work is being as rapidly completed as good administration allows.

Logging of dead and down timber.—Congress did not in any manner modify or repeal the act of 1889, but on June 7, 1897, did authorize the Secretary of the Interior to authorize the Indians on the reservation to fell, cut, remove, or otherwise dispose of all the dead and down timber thereon, and in consequence of such authority an examination was made by a special agent of this office as to the existence and amount of such dead and down timber, of the willingness of the Indians to perform the work, and of the existence of a market for the timber when cut. In consequence of such examination and in execution of the humane purpose of the act of Congress to provide work during the cold and idle season of the year for the Indians, and to realize for them a value for such timber, rapidly going to decay and waste, a set of logging rules was provided by which 50 contracts were let for logging such dead and down timber, and under these contracts over 55,000,000 feet were cut and banked, the price ranging from \$4.25 to \$5.75 per 1,000 feet, and the total amount realized therefrom being about \$263,000.

Of the lands embraced in these contracts 30 sections were located on the White Earth Reservation, divided into contracts; 39 sections were on the Red Lake Reservation; 260 sections were on the Leech Lake, Winnibigoshish, and Cass Lake reservations. All such contracts were let to Indians, pursuant to act of Congress.

In a letter dated August 2, 1898, at White Earth, Minn., from Chief White Cloud and Chief Mash-ege-shig, which was concurred in by Kay-que-ge-ga-bows, Henry Selkirk, Robert Fairbanks, sr., John Leecy, R. P. Fairbanks, and B. L. Fairbanks, it was stated that the Indians on the White Earth Reservation were anxious to log the coming season, and, if not permitted to do so, will very likely starve, and said letter earnestly requests and prays that they be allowed to log.

In many cases a number of sections were included in the contract. The prime objects of this office were to obtain the highest price for the Indians and to have as much of the work done as possible, so that a larger number of Indians might be furnished employment. If a

party offered a better price for dead and down timber on a number of sections than a number of parties did for the same timber, the office considered itself compelled to award the contract to the party so offering the highest bid, if a responsible bond was furnished as the regulations required, and this was done in every instance. The Indian agent approved every contract and saw that only Indians were allowed to contract. No person or class of persons was given a preference.

The superintendent was specially directed, November 11, 1897, that an application by a party to contract did not reserve the timber in any locality, and that another contract would be entertained at any time before the approval of the highest contract and bond offered by this office. Such is now the rule. No contracts have been approved for this year, and if any party is willing to bid more than any other party has bid and offers a contract with a responsible bond, as provided in the regulations, such party will be afforded an opportunity to log. Every precaution has been had and is being had to protect the green timber. Not only is a special report called for, but the superintendent and his three assistants are kept constantly in the woods, going from camp to camp, and exercising a strict surveillance over the operations, with positive orders to seize the tools and stop the operations in any camp upon the discovery that green timber is being cut. Such discovery was made in only one instance during the past season, and that was upon Leech Lake Reservation, when the tools were seized, all operations stopped, and the parties compelled to pay for the green timber cut at the Government price. The amount, however, was small, being only \$50.

Notice was publicly given last year that no timber that was burned last year would be logged this season. This was done to deter designing persons from setting fire to the timber in the hopes of deriving some profit under logging operations. As evidence of the wisdom of this action, on August 2, 1898, Chief White Cloud wrote this office from White Earth, Minn., that there had been no fires on his reservation during the spring and summer of this year, and that he had visited Red Lake and been told by all the Red Lake Indians that they had had no fires. There were some fires upon the Leech Lake Reservation, but it was proven that they were entirely accidental, and no charge was ever made to this office that they were started by designing persons, and therefore logging operations will be authorized during the present year. The regulations have been amended slightly wherever defect was found. The amount to be deducted for the Indian fund from proceeds of sale has been materially increased, and the payment to the Indian laborer also made absolutely certain. It is believed that a greater success will be made this season than last.

Almost all of the large amount of money realized from this timber last year was spent in the payment of Indian labor or in the purchas-

ing of logging outfits by Indian loggers, in addition to the amount deducted for the benefit of the Indian fund, which was about \$39,750. Any excess was the profit of the Indian loggers, though in some instances their entire profit consisted of logging outfits, which they now possess. There are some instances in which the Indian logger made no profit, which was occasioned by an unpropitious season. In the beginning of the logging season 70 per cent of the labor employed was Indian labor. This was decreased during the season because the Indians quit work and others could not be employed, but it was again increased before the end of the season.

Taking the operations all in all, they were not only profitable to the Indian and provided him with a source of livelihood, but enabled him to acquire experience as well as much valuable personal property in the form of oxen, wagons, and other paraphernalia of the lumber industry, and fully justified the wisdom and humanity of Congress in the enactment of the law authorizing the sale of dead and down timber.

In confirmation of the above statements, a prominent man—a Chippewa Indian and an authorized representative of said nation—states, in a letter dated September 26, 1898, from White Earth, Minn., that “the Chippewa Indians on this reservation are unanimous in their belief that, for the first time in the history of their lumber affairs, the same is being conducted fairly and squarely and for their sole interest.”

The next annual report will contain a fuller statement of this work, and at that time more exact figures may be given as to the sale of the agricultural lands of said reservation.

DISPATCH OF OFFICE BUSINESS.

Heretofore it has been the practice to make response to official communications in due order of their receipt, and as a consequence, in many communications which should have received immediate attention, responses were delayed for considerable periods, resulting in complaints against the supposed tardy dispatch of business, and a hardship was sometimes imposed upon the applicants, whose interests suffered by the delay. This practice has been corrected, and under the present administration every communication is acknowledged within forty-eight hours of the time of its receipt. The desired information is supplied or the applicant is informed of the cause why delay is necessary.

The result has commended itself to the entire public transacting business with this office, and all grounds for complaint of non-acknowledgment and delay in responding to communications on official business have been obviated.

This course of action has imposed much additional labor upon the

clerical force; has augmented very materially the volume of correspondence received, and has been accomplished with a decreased force of clerks. The increase in the number of letters received during the last fiscal year was 2,028 over that of the previous fiscal year, and an increase is shown of 10,000 letters received since June 30, 1898, over the same four months in the preceding year.

ISSUANCE OF PATENTS.

The work of issuing patents, where there are no discrepancies in the papers or caveats filed against the entry, is practically up to date.

Experience has demonstrated that the interests of both the Government and the individual are best served by delaying the issuance of the patent until ninety days after the issuance of the final receipt, and the office rules prescribe this period, during which interested parties may be heard and if necessary file exceptions to the action of the local land office. At the expiration of this period the entries are promptly approved and patents issued in all cases where there are no contests or discrepancies.

INCREASED SALES OF PUBLIC LANDS.

As will be discovered by an examination of the tabulated statements in preceding pages herein, actual settlements upon and sales of public lands have greatly increased during the year.

The total area of public lands, not including Indian lands, entered by individuals (i. e., exclusive of selections by corporations) during the year beginning July 1, 1897, and ending June 30, 1898, was 11,328,037.34 acres. This is in excess of the area so disposed of by the Government during the previous year by 2,607,893.96 acres (over 28 per cent increase), and greater than the year beginning July 1, 1895, by 2,182,418.31 acres. The total area disposed of in the last-mentioned year, however, was over 17,000,000 acres, 7,848,420 acres of which were selections of railroads and other corporations, nearly 50 per cent of all disposals.

The latter class of disposals has been reduced to the minimum under the present administration, the year ending June 30, 1898, showing but 1,549,376.5 acres so selected under Congressional enactments.

The number of individual entries of Government land during the year ending June 30, 1898, was 89,674, as against 71,581 the previous year, showing a net increase in the business of over 25 per cent.

The cash receipts from such individual entries show a still greater increase, viz, \$2,125,218.60 received during the last fiscal year, as against \$1,570,243.49 during the previous year—a gain of over half a million dollars, or 35 per cent increase in cash receipts. Expenses were not materially increased.

INCREASED MINERAL ENTRIES.

My report shows an increase, both in the work received and work done, over the last fiscal year. The items appear in the following table:

Fiscal year.	Entries made.	Patents issued.	Claims patented.	Current entries examined.
1897	1,236	1,085	2,026	1,194
1898	1,625	1,259	2,492	1,470

The increase in mineral entries made is found principally in the Cripple Creek mining district (Pueblo land district); in Clear Creek, Gilpin, and Boulder counties (Denver land district); in Lake, Summit, and Park counties (Leadville land district), all in Colorado; in the Whitewood mining district, Lawrence County, S. Dak.; in Tooele, Juab, Salt Lake, and Summit counties, Utah; in the Colville Indian Reservation, Wash., and in Lincoln and Esmeralda counties, Nev., the increase in these sections being 382, out of a total increase of 389; the Pueblo land district, in which Cripple Creek is situated, leading with an increase of 138.

This increase of entries made indicates a marked revival of the mining industry, which had fallen to its lowest ebb in 1895 when but 757 entries were made, being less than one-half the number made in 1898, and the lowest since 1879. Notwithstanding this increase in the amount of such work it has all been disposed of and a very material increase made in the work accomplished over that of the previous year, there having been an increase of 389 entries made, 174 patents issued, 466 claims patented, and 276 entries examined—all with a less number of clerks than for the preceding year.

From Colorado there was mined during the calendar year 1897 \$19,104,200 in gold, and 21,636,400 ounces of silver, exceeding that of any other State in the Union.

The next State in order wherein much gold mining has been done was California, where \$14,618,300 was mined; Montana being second in the production of silver, with 15,667,900 ounces.

The third State in order in gold mining was South Dakota, where \$5,694,900 was mined; Utah being third in the production of silver, with 6,265,600 ounces.

The fourth State in order in gold mining was Montana, where \$4,373,400 was mined; Idaho being fourth in the production of silver, with 4,901,200 ounces.

The four States leading in gold and silver production for the past

two years are the following, with their respective amounts in both metals:

GOLD.

	Calendar year 1896.	Calendar year 1897.
Colorado.....	\$14,911,000	\$19,104,200
California.....	15,235,900	14,618,300
South Dakota.....	4,969,800	5,694,900
Montana.....	4,324,700	4,373,400

SILVER.

	Ounces.	Ounces.
Colorado.....	22,573,000	21,636,400
Montana.....	16,737,500	15,667,900
Utah.....	8,827,600	6,265,600
Idaho.....	5,149,900	4,901,200

RECOMMENDATIONS.

Attention is requested to recommendations mentioned in the foregoing, viz:

1. Recommendation renewed of an enactment for the compulsory attendance of witnesses at hearings in contested land cases before the local land officers, page 83.

2. Recommendation of modification of law respecting lieu selections for tracts relinquished in forest reserves, page 89.

3. Recommendation of legislation for disposing of coal lands in forest reservations, page 90.

4. Recommendation of legislation for renting or leasing by the Secretary of the Interior of grounds within forest reservations for sanitarium, hotel, or other purposes, in connection with the use for health or pleasure, of mineral, medicinal, or other springs; also for grazing or any other purposes not incompatible with the purposes for which such reservations are created, the funds arising therefrom to be covered into the Treasury as a special fund to be expended in the care of public forest reservations, page 90.

5. Of repeal of timber-land laws of June 3, 1878 (20 Stat. L., 88 and 89), and August 4, 1892, page 101.

6. Of withdrawal of lands chiefly valuable for timber for forest reservations, page 101.

7. Of general law for the protection and use of timber on unre-served lands, page 102.

8. Of increased force of special agents to protect the public timber, page 103.

9. Recommending extension of the Yellowstone National Park, page 103.

Respectfully submitted.

BINGER HERMANN,
Commissioner.

Hon. C. N. BLISS,
Secretary of the Interior.

DETAILED STATEMENT
OF THE
BUSINESS OF THE GENERAL LAND OFFICE,
BY DIVISIONS AND IN SURVEYING DISTRICTS,
FOR THE
FISCAL YEAR ENDING JUNE 30. 1898.

DETAILED STATEMENT.

A detailed statement of the work performed in the General Land Office and surveying districts during the year is given under the following head:

1. A. Chief clerk.
2. B. Recorder's division.
3. C. Public lands division.
4. E. Surveying division.
5. F. Railroad division.
6. G. Preemption division.
7. H. Contest division.
8. K. Swamp-land division.
9. L. Drafting division.
10. M. Accounts division.
11. N. Mineral division.
12. P. Special service division.
13. Report of the surveyor-general of Alaska.
14. Report of the surveyor-general of Arizona.
15. Report of the surveyor-general of California.
16. Report of the surveyor-general of Colorado.
17. Report of the surveyor-general of Florida.
18. Report of the surveyor-general of Idaho.
19. Report of the surveyor-general of Louisiana.
20. Report of the surveyor-general of Minnesota.
21. Report of the surveyor-general of Montana.
22. Report of the surveyor-general of Nevada.
23. Report of the surveyor-general of New Mexico.
24. Report of the surveyor-general of North Dakota.
25. Report of the surveyor-general of Oregon.
26. Report of the surveyor-general of South Dakota.
27. Report of the surveyor-general of Utah.
28. Report of the surveyor-general of Washington.
29. Report of the surveyor-general of Wyoming.

DIVISION A—CHIEF CLERK.

Statement of the amount of work performed during the fiscal year ending June 30, 1898.

In the registering room and by receiving clerk:

Letters received and referred to the various divisions	127,262
Letters referred to Division A	8,619
Letters written	11,326
Postal cards sent	7,525
Circulars sent	70,000
United States maps sent	3,000
Reports sent	600
Maps of States and Territories sent	6,000
Bonds of registers and receivers and surveyors-general prepared and examined	421
Commissions sent	220
Money received for certified copies and accounted for or returned.	\$12,777.59
Pages of typewriting	12,734
Pages of press copying	11,623
Bills reported upon	642
Reports to the Department	150
Applications for leaves of absence considered	1,150
Officials and employees under supervision of, on June 30, 1897 (not including surveyors-generals' offices):	
General Land Office (in Washington)	372
District land offices	381

B.—RECORDER'S DIVISION.

This division has charge of the records of patents issued and the certificates, proofs, and other muniments of title on which the patents are founded, prepares certified copies of these records and papers, and answers all communications relating to the same. The division also keeps a record of the number of unsatisfied military bounty-land warrants.

The act of July 4, 1836, reorganizing the General Land Office requires the recorder, after the Commissioner has approved the issuance of a patent, to attend to its correct engrossing, recording, and transmission, and to affix the seal of the General Land Office to the same, and he is further required, by the act of March 3, 1841, to countersign all patents.

Under the above and other statutory enactments and official regulations the following work was performed in the recorder's division during the fiscal year ending June 30, 1898:

Work performed in Division B during the fiscal year ending June 30, 1898.

Letters pending July 1, 1897	89	
Letters received during the year	12, 611	
		12, 700
Letters disposed of:		
By answer	8, 006	
By reference to other divisions	359	
By examination, noting, and no answer required	4, 266	
		12, 631
Letters pending June 30, 1898		69
Letters written		12, 134
Letters recorded		11, 482
Pages of recording		7, 081
Circulars sent out		1, 509
Attorneys' cards received and answered		5, 824
Certified copies furnished from patent records		4, 308
Fees for certified copies		\$6, 249. 24

AGRICULTURAL PATENTS.

Cases approved and awaiting patent July 1, 1897	357
Cases received during the year for patenting	30, 578
Total	30, 935
Cases patented as follows:	
Cash patents	5, 315
Homestead patents	20, 390
Timber-culture patents	4, 465
Military bounty-land patents	56
Agricultural college scrip patents	7
Supreme Court scrip patents	4
Surveyor-general's scrip patents	25
Sioux half-breed scrip patents	28
Choctaw scrip patents	1
Arredonda scrip patents	1
Special act of Congress patents	1
Total	30, 293
Approximating 4,846,880 acres of land patented. Cases approved and awaiting patent June 30, 1898 (approximating 102,720 acres)	642
Patents transmitted	28, 918

REVOLUTIONARY BOUNTY-LAND SCRIP.

[Acts of August 31, 1852, and June 22, 1860, founded on Virginia military land warrants granted for services in the war of the Revolution.]

There were 9,959 of these warrants issued, aggregating 9,227,185 acres; 5,735,577 acres were located in Kentucky and Ohio. Scrip has been issued for 1,064,796 acres, leaving still outstanding and unsatisfied warrants for 2,426,812 acres.

The number of such claims for scrip now pending before the office for want of additional evidence is 310, aggregating 99,429 $\frac{3}{4}$ acres.

WAR OF 1812 WARRANTS.

[Act of July 27, 1842.]

One hundred and thirteen warrants of this class, issued for 18,560 acres, are still outstanding.

PORTERFIELD WARRANTS.

[Act of April 11, 1860.]

The original number of warrants issued under this act and aggregating 6,133 acres, was subdivided into 153 warrants.

One hundred and twenty-one of said warrants have been patented, leaving 32 outstanding and unsatisfied, each calling for 40 acres.

Condition of bounty-land business under acts of 1847, 1850, 1852, and 1855, showing the issues and locations from the commencement of operations under said acts to June 30, 1898.

Grade of warrants.	Warrants issued.		Warrants located.		Warrants outstanding.	
	Number.	Acres.	Number.	Acres.	Number.	Acres.
Act of 1847:						
160 acres.....	80,683	12,900,230	79,145	12,663,200	1,538	246,090
40 acres.....	7,584	303,360	7,088	283,520	496	19,840
Total.....	88,267	13,212,640	86,233	12,946,720	2,034	265,920
Act of 1850:						
160 acres.....	27,445	4,391,200	23,881	4,300,960	564	90,240
80 acres.....	57,716	4,617,280	56,383	4,510,640	1,333	106,640
40 acres.....	103,978	4,159,120	100,824	4,032,960	3,154	126,280
Total.....	189,139	13,167,600	184,088	12,844,560	5,051	323,160
Act of 1852:						
160 acres.....	1,222	195,520	1,195	191,200	27	4,320
80 acres.....	1,699	135,920	1,666	133,280	33	2,640
40 acres.....	9,070	362,800	8,887	355,480	183	7,320
Total.....	11,991	694,240	11,748	679,960	243	14,280
Act of 1855:						
160 acres.....	115,523	18,483,680	110,432	17,669,120	5,091	814,560
120 acres.....	97,052	11,646,240	91,032	10,923,840	6,020	722,400
100 acres.....	6	600	5	500	1	100
80 acres.....	49,472	3,957,760	48,283	3,861,040	1,209	96,720
60 acres.....	359	21,540	316	18,960	43	2,580
40 acres.....	541	21,640	466	18,640	75	3,000
10 acres.....	5	50	3	30	2	20
Total.....	262,958	34,131,510	250,517	32,492,130	12,441	1,639,380

SUMMARY.

Act of 1847.....	88,267	13,212,640	86,233	12,946,720	2,034	265,920
Act of 1850.....	189,139	13,167,600	184,088	12,844,560	5,051	323,160
Act of 1852.....	11,991	694,240	11,748	679,960	243	14,280
Act of 1855.....	262,958	34,131,510	250,517	32,492,130	12,441	1,639,380
Total.....	552,355	61,205,990	532,586	58,983,370	19,769	2,242,740

BOUNTY-LAND BUSINESS.

The following is a statement of the number of acres represented by military bounty-land warrants located in the several land States and Territories for the year ending June 30, 1898, or not heretofore reported, which warrants were issued under the acts of 1847, 1850, 1852, and 1855. The aggregate number of acres is computed at the rate of \$1.25 per acre. It does not show the exact area of the lands located with the warrants:

	Acres.		Acres.
Arizona	160	Montana	160
California	160	North Dakota	120
Colorado	1,900	South Dakota	160
Idaho	320	Utah	920
Michigan	480	Washington	360
Minnesota	5,440		
Missouri	440	Total	10,620

SUMMARY OF WARRANTS.

Denomination of warrants.	40 acres.	60 acres.	80 acres.	120 acres.	160 acres.	Total.
Act of 1847					5	800
Act of 1850	5		2			360
Act of 1852	1					40
Act of 1855		1	12	14	42	9,420
Total	6	1	14	14	47	10,620

REARRANGING AND INDEXING RECORDS AND FILES.

[Act July 19, 1897, vol. 30, p. 126, sec. 1.]

There were 453 series of patent records in different parts of the office, each series commencing with volume 1. These have been classified, rearranged by States, and renumbered accordingly, without destroying the identity of the old serial numbers.

All patents issued since January 1, 1898, have been given the new volume number, while patents issued prior to that date were given the old volume number.

The final certificates and other muniments of title which have become torn and mutilated with constant handling are being repaired and preserved by mounting on tracing cloth.

It was the practice of the office, prior to about twelve years ago, to file the proofs and other papers separate from the final certificates. These papers, together with old undelivered patents that have been returned to this office, are being filed with the final certificates, so that all the papers relating to a case shall be in one place instead of in different parts of the office.

There have been purchased, with the special appropriation for that purpose, 560,000 index record cards, of the same size and character as those in use by the Record and Pension Division of the War Department, together with the necessary cases and file boxes for holding the same. The work of writing these index cards was commenced November 22, and 256,883 have been written to date.

The above work has been performed, in addition to the regular work of the office, without any increase in the clerical force.

C.—PUBLIC LANDS DIVISION.

This division has charge of the permanent tract books, in which space is allowed for the posting of each legal subdivision, established by surveys and shown by the official plats, which has heretofore been or is now a part of the public domain. In these books are noted descriptions of all entries, filings, selections, grants, reservations, and cancellations thereof, either by relinquishment or by action of this office, and all restorations to the public domain. Therefore all claims to public lands must be recorded in these books, as well as every contest, conflict, and anything affecting the status of any tract, to the end that the status of any particular tract, entry, filing, selection, grant, or reservation may be known upon reference to these records.

It devolves upon this division to examine the greater portion of all entries made with regard to the regularity of the entry papers, the qualifications of the entrymen, and the final papers as to the sufficiency of the proofs submitted, and to furnish the status showing any apparent conflicts at the date of posting of all entries, selections, filings, and applications which are referred to other divisions for final action. All final and commuted homestead, soldiers' additional homestead, timber-land cash, private cash, graduation cash, and various other classes of entries, including scrip locations and Indian homesteads, are, if uncontested, finally adjudicated and disposed of by this division.

There is also allotted to this division a great deal of important miscellaneous work, such as the making of reports and recommendations relative to legislation affecting public lands and work incidental to the disposal of great areas of ceded Indian lands and lands restored to the public domain from a state of reservation imposed by railroad grants, reservoir sites, abandoned military reservations, etc., in which numerous complicated questions are constantly arising as to the legal rights accruing under the special laws providing for the disposal thereof and the instructions in regard thereto, requiring decisions and new rulings covering nice points of law.

The report of work performed, herewith submitted, shows an increase in some items of current work and a decrease in others. The work is practically up to date.

Work performed in the division during the year ended June 30, 1898.

Letters pending June 30, 1897.....	961
Letters received during the year.....	27,795
	<hr/>
	28,756
Letters disposed of:	
By answer.....	13,819
By reference.....	2,085
By filing (no answer required).....	11,765
Balance pending June 30, 1898.....	1,087
	<hr/>
	28,756
Miscellaneous letters written.....	17,627
Decisions written.....	8,572
Appeals transmitted to Secretary.....	87
Secretary's decisions promulgated.....	74
Certified copies made.....	118

Fees received for certified copies	\$179. 83
Pages of copying	5, 445
Pages of recording	5, 376
Pages of typewriting	50, 591
Pages of press copying	35, 394
Repayments noted	811
Cancellations and relinquishments noted	25, 180
Entries, filings, and selections posted	118, 217

Original entries.

Pending June 30, 1897	217, 136
Received during the year	41, 512
	<hr/> 258, 648
Cancellations	15, 476
Disposed of by final entry	22, 346
Sent to other divisions	4, 927
	<hr/> 42, 749
Balance pending June 30, 1898	215, 899
	<hr/> 258, 648

Final entries.

Pending June 30, 1897	10, 721
Received during the year	33, 369
	<hr/> 44, 090
Disposed of by cancellation	277
Posted and sent to other divisions for action	9, 029
Approved for patent	24, 285
	<hr/> 33, 591
Pending June 30, 1898	10, 499
	<hr/> 44, 090
Examined and approved for patent	23, 092
Examined and suspended	4, 814
	<hr/> 26, 906
Total examined	26, 906
Examined and approved for patent	22, 092
Amended, relieved from suspension, and approved for patent	2, 193
	<hr/> 24, 285
Total approved for patent	24, 285

Classification of pending final entries.

Homestead	5, 112
Coal cash	9
Commuted homestead	1, 073
Soldiers' additional homestead	18
Timber culture	440
Commuted timber culture	6
Desert land	118
Timber and stone	95
Warrant and scrip	217
Private cash	1, 298
Graduation cash	1, 565
Act of March 3, 1837	11
Act of June 15, 1880	3
Public sale	68
Indian homestead	11
Indian cash	251
Indian allotments	45
Town site	23
Act of September 29, 1890	105
Miscellaneous	81
	<hr/> 10, 499
Total	10, 499

122 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Entries and locations, by classes, received for record during the fiscal year ended June 30, 1898.

Class of entry.	Number of entries.	Estimated number of acres.
ORIGINAL ENTRIES.		
Homestead.....	39,688	5,159,440
Desert land.....	1,823	291,680
Timber culture.....	1	160
Total.....	41,512	5,451,280
FINAL ENTRIES.		
Homestead.....	20,909	2,927,260
Coal cash.....	55	5,500
Commuted homestead.....	2,445	317,850
Soldiers' additional homestead.....	41	3,280
Timber culture.....	5,719	857,850
Commuted timber culture.....	85	12,750
Desert land.....	896	150,480
Timber and stone.....	556	66,720
Warrant and scrip.....	122	12,200
Private cash.....	183	12,810
Act of March 3, 1887.....	44	4,840
Act of June 15, 1880.....	5	600
Public sale.....	391	23,460
Indian homestead.....	3	480
Indian cash.....	217	17,360
Indian allotment.....	259	31,060
Preemption cash.....	240	33,600
Act of September 29, 1890.....	41	6,970
Town site.....	94	13,160
Mineral.....	937	28,110
Miscellaneous.....	187	26,180
Total.....	33,369	4,552,540

FINAL HOMESTEADS.

Statement of the number and area of final homestead entries made from the passage of the homestead act (May 20, 1862) to June 30, 1898.

Fiscal year ending June 30—	Number.	Acres.	Fiscal year ending June 30—	Number.	Acres.
1881.....	177,314	21,193,368.82	1891.....	27,686	3,954,587.77
1882.....	17,174	2,219,427.10	1892.....	22,822	3,259,897.07
1883.....	18,998	2,504,414.51	1893.....	24,204	3,477,231.63
1884.....	21,843	2,945,574.73	1894.....	20,544	2,929,947.41
1885.....	22,066	3,032,679.11	1895.....	20,922	2,960,809.30
1886.....	19,356	2,663,531.83	1896.....	20,099	2,790,242.55
1887.....	19,866	2,749,037.48	1897.....	20,115	2,778,404.20
1888.....	22,413	3,176,400.64	1898.....	22,281	3,065,017.75
1889.....	25,549	3,681,708.80			
1890.....	28,080	4,060,592.77	Total.....	551,332	73,491,873.47

SYLLABI OF IMPORTANT RULINGS AND DECISIONS MADE DURING THE FISCAL YEAR.

AMENDMENT.

1. Where an amendment of a homestead entry has been allowed after commutation proof and the issuance of cash papers, and the entryman can not be found, the land having been transferred, the transferee may republish notice of intention to make proof, properly describing the land settled upon, and thereafter the register may correct homestead application and other papers. The entry will then be submitted to board of equitable adjudication. (*Commissioner Hermann to register and receiver, Hailey, Idaho, May 26, 1898.*)

BOARD OF EQUITABLE ADJUDICATION.

2. Under the present practice, which dates from August 9, 1889 (9 L. D., 330), governing the submission of cases to the board of equitable adjudication for confirmation, the final papers must have issued and the entries so far completed that

when the defects upon which submitted are cured by the board's favorable action the cases pass at once to patent; but formerly it was the practice, sanctioned by the Secretary (1 L. D., 99), to submit cases in some instances upon the proofs offered, leaving the entries to be completed through further action by the General Land Office after the defects upon which submitted have been cured. In such cases the board by its favorable action only cured, and intended only to cure, the defects for which the cases were submitted. Payment of the final commissions prerequisite to the issuance of final papers is a material statutory requirement which the board has no authority to waive. (*Commissioner Hermann to register and receiver, Jackson, Miss., April 26, 1898.*)

COLVILLE INDIAN RESERVATION, WASH.

3. No entries or disposals of any of the nonmineral lands in the Colville Indian Reservation, Wash., can be effected until after the lands are surveyed and the President's proclamation, by which they will be opened to entry as provided by the act of July 1, 1892 (27 Stat., 62), is issued, and therefore under existing conditions lands in said reservation can not be entered under the timber and stone law. (*Commissioner Hermann to Hon. W. C. Jones, House of Representatives, December 28, 1897.*)

CROW INDIAN RESERVATION LANDS, MONTANA.

4. Rights of honorably discharged Union soldiers and sailors, as defined and described in sections 2304 and 2305, Revised Statutes, are not abridged by section 34, act of March 3, 1891 (26 Stat., 1043), except as to the amount to be paid for the land entered under the homestead law. (*Assistant Commissioner Mondell to L. Whitney, Joliét, Mont., January 27, 1898.*)

HOMESTEAD ENTRY.

5. Where a married woman has in compliance with law perfected title to a homestead claim initiated before her marriage, her husband may exercise his homestead right if he is otherwise qualified to do so. (*Assistant Commissioner Mondell to M. C. Franklin, Medical Lake, Wash., April 13, 1898.*)

6. Where a homestead settler on unsurveyed land dies prior to the filing of the plat of survey in the local land office, his widow who resides outside of the State in which the land is situated, and who is unable by reason of distance and poverty to go to the land district to make entry and proof, may execute her affidavits and submit her testimony where she resides, provided the testimony of the witnesses is taken in the county in which the land is situated, or before the register or receiver of the district land office. The case will thereafter be sent to the board of equitable adjudication for consideration. (*Commissioner Hermann to register and receiver, Miles City, Mont., April 11, 1898.*)

7. Minor children by a duly authorized guardian allowed to make homestead entry as agent of their father, who settled on unsurveyed land and was convicted and sent to the penitentiary prior to survey. (*Commissioner Hermann to register and receiver, Blackfoot, Idaho, April 11, 1898.*)

8. The law does not permit a widow, as such, to transmute the unexpired pre-emption filing of her deceased husband into a homestead entry, but she may, as one of his heirs, transmute the filing and perfect the entry, and the patent will issue to the heirs of the deceased preemptor. (*Assistant Commissioner Best to register and receiver, Walla Walla, Wash., July 7, 1897.*)

9. Where a homesteader initiates his claim in good faith and thereafter meets the requirements of the law, the mere fact that he exploits a water right on the land embraced in his entry, or elsewhere, would not jeopardize his right to perfect his claim. The appropriation of water rights is made under State laws, and they are subject to State control. (*Commissioner Hermann to Mr. C. W. Esterly, acting auditor for the State and other Departments, Treasury Department, September 25, 1897.*)

HOMESTEAD PROOF.

10. The requirement of a final affidavit may be waived and the entry submitted to the board of equitable adjudication where the entryman, who dies without meeting the requirement, stated in his proof that he had not sold the land covered by his entry, nor agreed to do so, and it is shown by a certified copy of the deed, by which the land was conveyed by him to another, that the land was alienated subsequent to the issuance of final certificate upon his entry. (*Acting Commissioner Mondell to register and receiver, Sacramento, Cal., March 12, 1898.*)

11. Where a party in making homestead entry and final proof neglects to add his surname to his given names, the defect may be cured by affidavit from the persons who testified, establishing his identity as the party to the entry, and republication of notice of intention to make proof, showing his full name. (*Commissioner Hermann to register and receiver, Susanville, Cal., April 21, 1898.*)

12. Where an entryman claiming citizenship by virtue of his father's naturalization is unable, after due efforts, to furnish any further evidence of court records than a certified copy of his father's declaration of intention, the final naturalization of the father may be presumed and the son given the benefit of such presumption if it satisfactorily appears that both for many years exercised the rights and duties of citizens. (*Commissioner Hermann to register and receiver, Visalia, Cal., April 21, 1898.*)

13. When the notice of intention to make final proof is published in a daily newspaper, it must appear in at least 30 consecutive issues. (*Commissioner Hermann to register and receiver, Roseburg, Oreg., June 2, 1898.*)

14. There is no authority of law under which a divorced woman can submit proof on her former husband's entry, but if she secures the cancellation of his entry by contest or otherwise she can then make entry in her own right and receive credit for residence from date of her settlement on the land. (*Assistant Commissioner Best to register and receiver, Vancouver, Wash., October 16, 1897.*)

15. Commutation proof which should have been rejected by register and receiver because of the failure of entryman to tender amount due, but which was only suspended by them, may be accepted upon proper payment being made and the party furnishing a nonalienation affidavit to cover period of suspension. (*Commissioner Hermann to register and receiver, Lewiston, Idaho, February 11, 1898.*)

HOMESTEAD RESIDENCE.

16. A homesteader can not receive credit for residence maintained on his claim during his minority. (*Commissioner Hermann to register and receiver, The Dalles, Oreg., April 12, 1898.*)

17. Section 2305, Revised Statutes, which provides that the time which the homestead settler has served in the Army or Navy shall be deducted from the time theretofore required to perfect title to a homestead entry, has reference only to the five years' residence and cultivation required under section 2291, Revised Statutes, and is not applicable to commuted homestead cases. (*Assistant Commissioner Mondell to Mr. A. H. Lanphear, Kansas City, Mo., April 18, 1898.*)

18. Where a homesteader fails to establish residence on the land within six months from date of his entry thereof, he is not entitled to credit for constructive residence for the period intervening between the date of entry and the establishment of residence. (*Commissioner Hermann to register and receiver, San Francisco, Cal., April 26, 1898.*)

ISOLATED TRACTS.

19. A tract of land may be treated as isolated within the meaning of section 2455, Revised Statutes, if it has been at any time subject to homestead entry for three consecutive years after all the surrounding lands, except such tracts as are separated from it by a properly meandered stream, had been appropriated, notwithstanding the tract so isolated may have been subsequently entered and the entry vacated. (*Commissioner Hermann to register and receiver, Olympia, Wash., December 3, 1897.*)

20. Tracts of land chiefly valuable for timber and subject to entry under act of June 3, 1878 (20 Stat., 89), will not be offered at public sale under section 2455, Revised Statutes. (*Commissioner Hermann to register and receiver, Duluth, Minn., February 10, 1898.*)

21. A tract of land can not be regarded as having been subject to homestead entry for three years since the surrounding tracts were disposed of, and therefore isolated as contemplated by section 2455, Revised Statutes, where the three years' appropriation of one of the adjoining tracts results from two entries, though the later entry was made on the same day the former was relinquished. (*Commissioner Hermann to register and receiver, Waterville, Wash., April 7, 1898.*)

PATENT.

22. Where it appears that an entrywoman who was single at date of her homestead entry subsequently marries and is deserted by her husband prior to submission of final proof, patent may, upon her request, issue in her maiden name. (*Commissioner Hermann to register and receiver, Vancouver, Wash., February 15, 1898.*)

23. An application for a change of entry being otherwise satisfactory, reconveyance of the land which was by mistake included in the entry and patent need not be insisted upon where such land had been previously patented to another party, the second patent being in itself void. (*Commissioner Hermann to register and receiver, Susanville, Cal., March 15, 1898.*)

24. Where, by reason of an error in the certificate of entry, and in contravention of the record, a patent issues for a tract the title to which had by patent previously passed from the Government, the second patent being void, the error will be corrected and a new patent issued correctly describing the land entered, though the holder of the void patent refuses to surrender the same. (*Commissioner Hermann to register and receiver, Ironton, Mo., February 7, 1898.*)

25. It being held that where the widow submits final proof on the homestead entry of her deceased husband the patent should issue in her name, a patent which issued in the name of the deceased husband in such a case may be surrendered by the widow, and upon proper evidence that the land has not been conveyed or encumbered it will be canceled, the final certificate corrected so as to be in her name, and a new patent issued accordingly. (*Commissioner Hermann to F. I. Dunbar, Astoria, Oreg., October 12, 1897.*)

PRIVATE ENTRIES IN STATE OF MISSOURI.

26. The practice established by paragraph 9, circular of January 1, 1836 (volume 2, Laws, Instructions, and Opinions, p. 515), of requiring formal notice of restoration to private entry before accepting applications for such entry for tracts that were once offered, subsequently withdrawn from market for any reason, and afterwards released from reservation, abolished by section 2, act May 18, 1898, and instructions thereunder dated June 10, 1898. (*Commissioner Hermann to register and receiver, Ironton, Mo., June 20, 1898.*)

INSTRUCTIONS AND LAWS.

CHIPPEWA CEDED LANDS, MINNESOTA.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., August 3, 1897.

To the Examiners of the Chippewa Ceded Lands, Minnesota.

GENTLEMEN: Your attention is called to the fourth section of the act of Congress approved January 14, 1889 (25 Stat., 643), entitled "An act for the relief and civilization of the Chippewa Indians in the State of Minnesota," which is as follows:

SEC. 4. That as soon as the cession and relinquishment of said Indian title has been obtained and approved as aforesaid, it shall be the duty of the Commissioner of the General Land Office to cause the lands so ceded to the United States to be surveyed in the manner provided by law for the survey of public lands, and as soon as practicable after such survey has been made, and the report, field notes, and plats thereof filed in the General Land Office, and duly approved by the Commissioner thereof, the said Secretary of the Interior, upon notice of the completion of such surveys, shall appoint a sufficient number of competent and experienced examiners, in order that the work may be done within a reasonable time, who shall go upon said lands thus surveyed and personally make a careful, complete, and thorough examination of the same by forty-acre lots, for the purpose of ascertaining on which lots or tracts there is standing or growing pine timber, which tracts on which pine timber is standing or growing for the purposes of this act shall be termed "pine lands," the minutes of such examination to be at the time entered in books provided for that purpose, showing with particularity the amount and quality of all pine timber standing or growing on any lot or tract, the amount of such pine timber to be estimated by feet in the manner usual in estimating such timber, which estimates and reports of all such examinations shall be filed with the Commissioner of the General Land Office as a part of the permanent records thereof, and thereupon that officer shall cause to be made a list of all such pine lands describing each forty-acre lot or tract thereof separately, and opposite each such description he shall place the actual cash value of the same, according to his best judgment and information, but such valuation shall not be at a rate of less than three dollars per thousand feet board measure of the pine timber thereon, and thereupon such lists of lands so appraised shall be transmitted to the Secretary of the Interior for approval, modification, or rejection, as he may deem proper. If the appraisals are rejected as a whole, then the Secretary of the Interior shall substitute a new appraisal, and the same or original list as approved or modified shall be filed with the Commissioner of the General Land Office as the appraisal of said lands, and as constituting the minimum price for which said lands may be sold, as hereinafter provided, but in no event shall said pine lands be appraised at a rate of less than three dollars per thousand feet board measure of the pine timber thereon. Duplicate lists of said lands as appraised, together with copies of the field notes, surveys, and minutes of examinations shall be filed and kept in the office of the register of the land office of the district within which said lands may be situated, and copies of said lists with the appraisals shall be furnished to any person desiring the same, upon application to the Commissioner of the General Land Office or to the register of said local land office.

The compensation of the examiners so provided for in this section shall be fixed by the Secretary of the Interior, but in no event shall exceed the sum of six dollars per day for each person so employed, including all expenses.

All other lands acquired from the said Indians on said reservations other than pine lands are for the purposes of this act termed "agricultural lands."

The corps of examiners shall be under the direction and control of an examiner, who, for the purpose of these instructions, is styled chief examiner.

One of the examiners will also be designated as assistant chief examiner, and he will assist the chief and control the work in the absence of the chief examiner. He will have such supervision of the work in the field as may be directed by the chief examiner, and is expected to keep fully informed as to the progress of the work, the character and quantity of the work performed by each examiner, and the ability, efficiency, and habits of the examiners.

You will be advised, in a separate communication, as to who has been designated as chief examiner, and at what point you are to report to him, and you will proceed to such point as early as practicable after the receipt of such information. Each of you will make a complete and thorough examination of each tract of land assigned to you, in order to ascertain upon which of said tracts there is standing or growing pine timber, and the amount and quality of said timber on each lot or tract. Each tract will be examined by three examiners, but their examinations will be made at *different times*. In no case will a report be made for two subdivisions combined, but a separate report must be made for each subdivision shown on the plats of survey, without regard to the smallness of the area. Where "standing or growing pine timber" is found on any subdivision, the quantity thereof, however small, must be reported.

The chief examiner is authorized to superintend, direct, and control the others as a corps, in its operations in the field, subject to these instructions, but without interference as to the judgment of any examiner as to anything pertaining to the timber on any part of the lands; and he may assign each examiner to any particular portion of the work, and transfer him from one portion to another as often as in his judgment may be necessary.

The chief examiner may divide the corps of examiners into parties of three, and each one of the three must, at different times, examine and report upon each of the 40-acre tracts assigned to that party, the primary and great object of these instructions and this proceeding being to obtain the separate, unbiased, and uninfluenced judgment of each examiner as to the amount of standing or growing pine timber on the lands to be examined and the amount and quality of said timber on each lot or tract.

In the books which will be furnished you (Form A) you will enter each lot or forty-acre tract, as indicated therein, designating lands upon which timber is growing as "pine lands," and noting therein, under the appropriate headings, the amount and quality of such timber and any other information that may enable this office to decide in relation to the value of the same. As provision is made in the act of June 7, 1897 (Public No. 3), for the special disposal of dead and down timber on the ceded Chippewa reservations, you will not include such pine timber in your estimates, but you will, wherever such timber is found on any subdivision, make a report in the column headed "Remarks" in your field books as to the quantity and condition of such dead and down timber. You will also note in your field books, where any subdivision embraces any cedar or tamarack swamp lands, opposite the description of the tract, the approximate area of such swamp lands and any other information that will be serviceable in determining the value thereof. You will note in your field books, opposite the description of each tract which is found to contain no pine timber, that such tract is "agricultural." Every entry in the field books must be *dated and signed* by the person making the examination. As these books are intended to contain the original entries of the result of the examination upon which the subsequent reports are based, the entries therein must be made *in the field at the time of the examination*.

The examiners will report weekly to the Commissioner of the General Land Office upon blanks which will be furnished you (Form B), but these reports shall be transmitted first to the chief examiner for his inspection, and he is directed to consolidate the contents of these several reports into a report to be sent to the Secretary of the Interior by him (Form C). They will also make a weekly report, *in duplicate*, as to the services performed during the week (Form E), which must agree with the field books and weekly reports (Form B) as to the time when each tract is examined. Any discrepancies found between the several reports (Forms A, B, and E) will cause a delay in the adjustment of the accounts of the chief examiner until such discrepancies are explained.

The weekly reports of the several examiners shall be transmitted to the Commissioner of the General Land Office by the chief examiner without alteration in

any particular, and promptness in forwarding the same is particularly urged, as any delay in their reception will cause a delay in the adjustment of the accounts. Should it be found impracticable at any time to forward the weekly reports at the end of the week covered thereby, the chief examiner will report by letter to this office the reason for the delay.

Permanent records (Form D) will be furnished in which the chief examiner will cause to be entered the separate estimates of the individual examiners, and add thereto, in the appropriate column, the average estimate, and, if the estimates differ to any considerable amount, his personal estimate, with any remarks deemed necessary. He will also enter therein the reports of the examiners as to dead and down timber and cedar and tamarack swamp lands, and, in addition, the reports of the examiners under the head of "Distance to haul" in their field books. The last item may be placed in a column in the book (Form D) to be ruled in the space headed "Remarks," and sufficient space still left for the report as to the quality of the pine examined, which should always be stated in the permanent record. The entries in this book should commence with section 1 of some township and proceed in regular order to section 36 thereof, and when a township is completed the book should be transmitted to the Commissioner of the General Land Office. Where the entire reports for two or more fractional townships can be entered in one book of the permanent records (Form D) they should be so entered, but in no case will the report for one township, whether entire or fractional, be carried forward from one book to another.

In some cases the township plats with which you will be furnished will cover lands not ceded as well as ceded lands. In such cases you will examine and report upon the ceded lands only.

All of the ceded lands are to be examined without regard as to whether the plats of survey show a township to be barren of timber or not. Where any township contains no pine timber, no permanent record (Form D) need be forwarded for such township, but a report will be made by letter by the chief examiner that such township is "agricultural" in character.

In order that there may be no doubt as to the character of the land examined, in every case where one or more of the examiners report a tract as containing no timber, while the other or others report timber thereon, the chief examiner will submit, after investigation, his personal estimate in regard to said tract in the appropriate column of the permanent record (Form D), with such remarks as shall be sufficient to indicate that he has given the matter his special attention.

The plats of surveys with which you are furnished should be returned to this office upon the completion of the examination of each township, and they must not be mutilated by cutting off the margins or otherwise.

All complaints or difficulties shall be first transmitted to the chief examiner, and if they are not adjusted by him, he shall send the same forward to the Secretary of the Interior, through the Commissioner of the General Land Office.

All reports or other papers forwarded to this office or the Department should be accompanied by an appropriate letter of transmittal.

The chief examiner will act as disbursing officer for the corps, and to him shall be transmitted the accounts of the several examiners, verified under oath, and through him shall their payments be made.

You are individually urged to proceed with the work with which you are charged with all diligence. A strict examination of the work will be made in this office, as each report is received, and you are advised that it is the determination of this office to have the examination proceed as speedily as is consistent with thoroughness.

The chief examiner is particularly charged to state, in the letters accompanying his weekly reports, his opinion of the ability, habits, industry, and capacity of each member of the force, and call attention to any lack of either in any of them.

The chief examiner will be advised by this office, from time to time, as to the order in which the examinations shall be made. He will advise this office promptly, when his supply of blanks is nearly exhausted, as to the character and quantity of the same which he desires forwarded to him, in order that time may be allowed for having the same printed, in case the supply on hand is not sufficient to honor his requisition.

Very respectfully,

BINGER HERMANN, *Commissioner.*

Approved:

THOS. RYAN, *Acting Secretary.*

FORT RANDALL, NEBR., ABANDONED MILITARY RESERVATION.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington D. C., August 5, 1897.

Register and Receiver, O'Neill, Nebraska.

GENTLEMEN: The appraisal of that portion of the lands in the Fort Randall abandoned military reservation in Nebraska has been approved by the Secretary of the Interior.

The act of March 3, 1893 (27 Stat., 555), provides that the State of Nebraska may select as school indemnity, within one year from the filing of the plats of survey of the reservation in the local office, the odd-numbered sections in that portion of the Fort Randall Reservation lying within said State; and that the even-numbered sections, and all of the odd-numbered sections not selected by the State, in said reservation, shall be opened to settlement under the homestead law only, after the lands so to be opened have been appraised by a commission of three disinterested citizens of the United States, to be appointed by the Secretary of the Interior, and that "persons who may take such lands under the homestead laws shall pay for such lands in three equal installments, at times to be fixed by the Secretary of the Interior, and they shall also comply with all provisions of the homestead laws of the United States."

According to your letter of November 27, 1896, the triplicate plats of survey of the lands in question were filed in your office on that date. Hence, the period within which the State of Nebraska may make selection of the odd-numbered sections, under the law referred to, will not expire prior to November 27, 1897.

Under the terms of said act of March 3, 1893, the even-numbered sections on this portion of said reservation, and such of the odd-numbered sections as may not be selected by the State within the time prescribed, were opened to settlement under the homestead law only. As said lands have been surveyed and appraised and the appraisal approved, you are hereby directed to allow homestead entries to go to record for lands in the said even-numbered sections, but you will, *under no circumstances, allow entries to go to record for any of the lands in the odd-numbered sections on this reservation until further orders.*

In allowing entries for the lands in this reservation, under said law, you will in each case indorse on the application "Fort Randall Reservation, act of March 3, 1893," and make the same notation on your abstract of homestead entries.

Under the provision of the homestead law an entryman has the right either to commute his entry after fourteen months from the date of settlement, or offer final proof under section 2291, Revised Statutes.

The said act of March 3, 1893, permits payment for the land entered to be made in three equal installments, but does not prohibit full payment in cash for said land after compliance with all requirements of the homestead law. Therefore, in entries under said act the entryman may, at his option, commute after fourteen months with full payment in cash, or, after submitting ordinary five-year final proof and after its acceptance he may pay for the land the full amount of the appraised value thereof, or he may make payment in three equal annual installments, the first payment to be made at the time of the acceptance of his final proof, and the subsequent payments annually thereafter, without interest, the said law making no provision for the payment of interest.

In case the full amount is paid after fourteen months from date of settlement you will, if the proof is satisfactory, issue cash certificate and receipt; and, in the event that regular final proof is made, and the full amount then paid, you will issue final certificate and receipt; but when partial payments are made the receiver will issue a receipt only for the amount paid, reporting the same in a special column of the abstract of homestead receipts, and at the time last payment is made you will issue the final papers as in ordinary homestead entries.

In issuing final papers you will make the proper annotations thereon, as well as on the abstracts, as before directed, to show that the entry covers lands in Fort Randall Reservation.

You are further advised that the same rule as to the allowance of credit for residence prior to entry and for military service applies to entries made under said act of March 3, 1893, as to other homestead entries.

Where, upon submitting final proof, the entryman may elect to make payment for the lands entered in three annual installments, you are authorized to make the usual charges for reducing the testimony to writing; but as the final certificates and receipts can not be issued until the last payment is made, you can not charge the final commissions until said final certificates and receipts are issued.

Where the entrymen submit final proof and elect to pay for the lands in installments, you will examine said proofs and, if they are acceptable to you, make

proper notes on your records showing that satisfactory proofs have been made and the dates upon which the partial payments must be made, and then transmit said proofs to this office, in special letters, and not in your monthly returns, for filing with the original entries, without issuing the final certificates, as such certificates can only be issued after all payments shall have been made.

There are no guarantees to be taken in order to secure payment of the installments; but if, when each installment is due, any entryman fails to pay the same, you will report the matter to this office, when proper action will be taken in the case.

By letter G of March 3, 1897, addressed to Hon. J. V. Wolfe, commissioner of public lands and buildings for the State of Nebraska, it was held "that sections 16 and 36 in the township in the former Fort Randall Reservation do not inure to the State for the benefit of the public schools, but that the State must select other lands as indemnity therefor."

You will acknowledge receipt of this letter.

Very respectfully,

E. F. BEST, *Assistant Commissioner.*

Approved:

THOS. RYAN, *Acting Secretary.*

Approved on August 18, 1897.

The one-year limit provided by the act of March 3, 1893 (27 Stat., 555), having expired, the district officers were advised by letter G, of January 28, 1898, that no further school indemnity selections could be made by the State, and that the unselected lands in the odd sections were subject to homestead entry, as provided by said act.

ABANDONED MILITARY RESERVATION—FORT MAGINNIS.

INSTRUCTIONS.

Acting Commissioner Best to Register and Receiver, Lewistown, Mont., September 11, 1897.

The appraisers have appraised the lands in the Fort Maginnis abandoned military reservation at from \$1 to \$2 per acre.

The Secretary of the Interior has approved the appraisal of the lands appraised at more than \$1.25 per acre, and for lands appraised at less than \$1.25 per acre he has, under the law, fixed the minimum price of such lands at \$1.25 per acre. Therefore, no tract of land in this reservation can be disposed of at less than \$1.25 per acre, although you will be governed by the appraisal in disposing of those lands appraised at more than \$1.25 per acre.

All of the agricultural lands in this reservation are subject to settlement, under the public-land laws of the United States, under the act of August 23, 1894 (28 Stat., 491), which, among other things, provides:

That persons who enter under the homestead law shall pay for such lands at not less than the value theretofore or hereafter determined by appraisement, *nor less than the price of the land at the time of the entry*, and such payment may, at the option of the purchaser, be made in five equal installments, at times and rates of interest to be fixed by the Secretary of the Interior.

On April 9, 1895 (20 L. D., 303), the Secretary of the Interior directed this office to issue instructions under said act of August 23, 1894, as follows:

That the homesteader be given the option, in making payment upon his entry of these lands, of making his payments in five equal payments, to date from the time of the acceptance of his proof tendered on his entry, and that the rate of interest upon deferred payments be charged at the rate of 4 per cent per annum.

In allowing entries for lands in this reservation under said law you will, in each case, indorse on the application "Fort Maginnis Reservation, act August 23, 1894," and make the same notation on your abstract of homestead entries.

Under the provisions of the homestead law an entryman has the right either to commute his entry after fourteen months from the date of settlement or offer final proof under section 2291, Revised Statutes. In entries under said act of August 23, 1894, he may, at his option, commute after fourteen months with full payment in cash, or, after submitting ordinary five years' final proof and after its acceptance, he may pay for the land the full amount of the appraised value thereof, without interest, or he may make payment in five equal installments, the first

payment to be made one year after the acceptance of his final proof and the subsequent payments to be made annually thereafter, interest to be charged at the rate of 4 per cent per annum from the date of the acceptance of final proof until all payments are made.

In case the full amount is paid after fourteen months from date of settlement, you will, if the proof is satisfactory, issue cash certificate and receipt; and in the event that regular final proof is made, and the full amount then paid, you will issue final certificate and receipt, but when partial payments are made the receiver will issue a receipt only for the amount of the principal and the interest paid, reporting the same in a special column of the abstract of homestead receipts, and at the time last payment is made you will issue the final papers as in ordinary homestead entries.

In issuing final papers you will make the proper annotations thereon, as well as on the applications and abstracts, as before directed, to show that the entry covers land in Fort Maginnis Reservation.

You are further advised that the same rule as to the allowance of credit for residence prior to entry and for military service applies to entries under said act of August 23, 1894, as to other homestead entries.

Where, upon submitting final proofs, the entrymen elect to make payment for the lands entered in five annual installments, you are authorized to make the usual charges for reducing the testimony to writing; but as the final certificate and receipt can not be issued until the last payment is made, you can not charge the final commissions until said certificate and receipt are issued. Therefore, if the proofs submitted are acceptable, you will make proper notes on your records showing that satisfactory proofs have been made and the dates upon which the partial payments must be made, and then transmit said proofs to this office, in special letters, and not in your monthly returns, for filing with the original entries.

There are no guarantees to be taken in order to secure the payment of the installments; but if, when each installment is due, any entryman fails to pay the same, you will report the matter to this office, when proper action will be taken in the case. The act of August 23, 1894, did not repeal the act of July 5, 1884 (23 Stat., 103), hence parties qualified to make entry under the second section of the latter act will be exempt from the payment required by the said act of August 23, 1894.

Sections 16 and 36 of this reservation are reserved for school purposes.

Since the lists were made up in this office for the use of the appraisers the N. $\frac{1}{4}$ SW. $\frac{1}{4}$, SW. $\frac{1}{4}$ SW. $\frac{1}{4}$, sec. 8, and NW. $\frac{1}{4}$ NW. $\frac{1}{4}$ sec. 17, T. 16 N., R. 21 E., embraced in homestead entry No. 336, made by Rezin Anderson, have been patented, and hence, although said tracts have been appraised and are entered on said lists, they are not subject to payment under this appraisal.

According to the appraisers' lists the alleged town site of Gilt Edge is situated upon the SW. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 21 and NW. $\frac{1}{4}$ NW. $\frac{1}{4}$ sec. 28, T. 16 N., R. 20 E.

However, a contest was brought against homestead entry No. 789, made by Louis Beaupre, February 2, 1895, on the ground of abandonment, and the entry canceled by letter G of July 14, 1897. One of the allegations against said entry was that the land was covered by the town of Gilt Edge, for which formal entry had not yet been made.

In response to their inquiry the appraisers were directed by telegram of July 23, 1897, to make no appraisal of Gilt Edge town lots until further orders.

The NW. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 21 was appraised, but the SW. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 21 and NW. $\frac{1}{4}$ NW. $\frac{1}{4}$ sec. 28, T. 16 N., R. 20 E., were not. As this town-site question has not been finally settled, these three subdivisions are not to be disposed of until further orders.

The E. $\frac{1}{2}$ SE. $\frac{1}{4}$ sec. 20 and E. $\frac{1}{2}$ NE. $\frac{1}{4}$ sec. 29, T. 16 N., R. 20 E., are embraced in homestead entry No. 820, made April 26, 1895, by Robert A. Ammon. These tracts are also involved in a contest now pending in the mineral division. Hence payment for them is not to be accepted until further orders.

Finally, tracts known to you to contain minerals are not to be disposed of under this appraisal which was made for agricultural lands.

You will acknowledge receipt of this letter.

Approved September 22, 1897.

WEBSTER DAVIS, *Acting Secretary.*

LOGGING REGULATIONS TO GOVERN LOGGING BY INDIANS ON THE CEDED CHIPPEWA RESERVATIONS, MINN., UNDER THE PROVISIONS OF THE ACT OF CONGRESS APPROVED JUNE 7, 1897 (PUBLIC NO. 3).

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
September 28, 1897.

First. The Indians on the ceded Chippewa Reservations, Minn., shall be authorized to enter into a contract or contracts with any responsible person or persons to cut and bank any specified quantity of dead timber standing or fallen on said reservations, at a given price per thousand feet, such responsible person or persons being required to give bond in a sufficient penalty stipulating for the faithful performance of the obligations of such contract, the careful observance of the intercourse laws, etc.

Second. There shall be designated from the corps of Chippewa examiners appointed under the act of January 14, 1889 (25 Stat., 642), for the effectual carrying out of these regulations, a superintendent and as many assistant superintendents as the Commissioner of the General Land Office may select. The superintendent designated for the purpose of directing logging operations shall, with the assistance of the Indian agent at White Earth Agency, require each Indian desiring to cut and bank saw-logs to make a selection of the dead timber standing or fallen, and thereafter make application to be allowed to contract for the cutting and banking of such timber, describing by section, township, and range the land on which the dead timber is standing or fallen.

As the dead and down timber is logged from each subdivision of land on which it may be found, said designated examiners shall make the examination thereof under the direction of the chief examiner and the regulations governing them, for the purpose of ascertaining on which of said lots or tracts there is standing or growing pine timber, and shall make their minutes, notes, and reports as heretofore.

Third. Before any timber shall be cut under the foregoing authority, a contract shall be entered into between the Indian applicant or applicants and some responsible person or persons as provided in paragraph 1, and in such form as shall be prescribed by the Commissioner of the General Land Office, which contract, however, shall not be of force until the same is approved by the Indian agent and superintendent and confirmed by the Commissioner of the General Land Office, which approval and confirmation shall operate as a permit for the cutting and banking of the timber applied for by the Indian or Indians.

Fourth. It shall be the duty of the superintendent and assistant superintendents to go into the woods with the loggers and direct their labors, to the end that no green or growing timber may be cut and that no live trees may be damaged in any manner so as to cause them to die, and also to inspect the scaling of the logs.

Fifth. The superintendent shall receive, in addition to his compensation as examiner of Chippewa lands, \$1.50 per day for such time as his services may be actually necessary in logging operations hereunder, and his actual and necessary traveling expenses, and the assistant superintendents shall receive, in addition to their salaries as examiners of Chippewa lands, their actual and necessary traveling expenses; and such additional compensation and traveling expenses shall be paid from the proceeds of the sale of logs. Such additional compensation and expenses are in consideration of the added duties of said persons. The assistant superintendents shall oversee and direct such portions of the work as the superintendent may direct.

Sixth. With the exception of the superintendent, assistant superintendents, and scaler, and in cases where persons of sufficient knowledge and skill for foreman, blacksmiths, filers, teamsters, clerks, and cooks can not be found among the Indians, no white labor shall be employed in performing this work.

Seventh. One-half of the cost of scaling shall be paid by the Indian loggers, and one-half by the purchaser of the logs. After the scaling is completed the sale of the logs shall not be valid until the same is approved by the Indian agent and superintendent and confirmed by the Commissioner of the General Land Office.

Eighth. The Indian agent will assume control of the proceeds of the sale, 15 per cent of which shall be deducted by him for the benefit of the Indians and to pay all expenses of the sale, such as advertising, telegraphing, additional compensation of superintendent, and traveling expenses of superintendent and assistant superintendents: provided that, in any case where the logs are sold for an amount exceeding \$5 per thousand feet, the per cent or amount to be deducted for the benefit of the Indians, as above stated, shall be proportionately increased in the discretion of the Commissioner of the General Land Office.

The net proceeds remaining shall be divided and paid as follows:

(1.) He shall pay, from the sales of the logs under each contract, the party or parties furnishing the advances under the contract, authorized in section 9, to the logger who delivered said logs.

(2.) He shall pay the scaler or scalers of such logs the amount due on the part of the Indian logger.

(3.) He shall pay the foreman, blacksmiths, teamsters, filers, clerks, and cooks of the logger any balance that may be due them under their contracts with the logger.

(4.) He shall pay the laborers of the logger any unpaid balance which may be due them under their contract for labor performed in the cutting or delivery or banking of such logs.

(5.) He shall pay the logger or contractor who banked such logs any part remaining of the amount to be paid under his contract.

Ninth. Any logging Indian, on a proper showing of his inability to furnish his logging outfit, or to sustain himself or his family during the logging operations, may receive advances of goods or cash from any party with whom he may contract, which contract shall first be approved by the Indian agent to such limit as the Indian agent may fix, and such advances shall be paid by the Indian agent to the party making the same from the amount to which such Indian is entitled for his logging work.

Tenth. The Commissioner of the General Land Office shall have power to prescribe such rules and regulations not inconsistent with these regulations as he may deem proper from time to time, for the more efficient prosecution of the logging operations, and to thoroughly protect the interests of the Indians and the Government in the premises.

BINGER HERMANN, *Commissioner*.

Approved:

C. N. BLISS, *Secretary*.

With reference to the above regulations the Honorable Secretary, under date of December 4, 1897, held (26 L. D., 86) that permission to place portable sawmills in vicinity of dead and down timber, cut under the provisions of the act of June 7, 1897, for the purpose of manufacturing such timber into lumber, may be granted, if the applicant enters into a contract in the prescribed form and submits proof of the present impracticability of marketing the timber.

RULES 7 AND 8, CIRCULAR JULY 17, 1889 (9 L. D., 123), APPLY TO HOMESTEAD PROOF OF FIVE YEARS' RESIDENCE AND CULTIVATION, AS WELL AS OTHER CASES.

C.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., October 20, 1897.

Registers and Receivers.

GENTLEMEN: Your attention is called to rules 7 and 8 of the circular of July 17, 1889 (9 L. D., 123). Hereafter in the application of these rules to cases before you, when the final certificate does not bear the date of the proof, if the latter is made before you, or, if made elsewhere, is not issued within fifteen days of the date of proof (which is considered a reasonable time for the transmission of the papers from the place where made to your office), you are directed to forward with the record in such cases an explanation of the delay in the issuance of the certificate.

In order to facilitate the business of this office, you are required, when final proof is not made before you, to indorse thereon the date of its receipt in your office and, in addition, to note on the final proof in all cases, the date of the receipt of the final commissions or purchase money, as the case may be.

The rules above referred to apply as well to homestead proof of five years' residence and cultivation, as to other cases, but the rules in such cases have not in the past been enforced by you as good practice requires.

In the future a careful compliance with the above instructions will be expected.

Very respectfully,

E. F. BEST, *Assistant Commissioner*.

CONFIRMATION OF GRADUATION ENTRIES.

[Public—No. 5.]

AN ACT to confirm certain cash entries of public lands.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That all entries of the public lands made under the provisions of the Act entitled "An act to graduate and reduce the price of the public lands to actual settlers and cultivators," approved August fourth, eighteen hundred and fifty-four, which are illegal and invalid because of the failure of the registers and receivers to previously collect from the settler the full price of the lands covered thereby, be, and the same are hereby, confirmed, if, upon examination by the Commissioner of the General Land Office, the same are found to be otherwise regular and in compliance with said act and the acts supplemental thereto.

Approved, January 18, 1898.

COMMUTATIONS OF KICKAPOO LANDS, OKLAHOMA.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington, D. C., April 26, 1898.

Registers and receivers, Guthrie and Oklahoma, Okla.

GENTLEMEN: Your attention is called to the provisions of the act of Congress, approved April 11, 1898 (Public—No. 60), entitled "An act extending the right of commutation to certain homestead settlers on lands in Oklahoma Territory, opened to settlement under the provisions of the act entitled 'An act to ratify and confirm the agreement with the Kickapoo Indians in Oklahoma Territory, and to make appropriations for carrying the same into effect.'"

Persons desiring to perfect their entries prior to the expiration of five years from date of their entries under the provisions of the above act, will be required to give notice of their intention so to do, the same as in five-year cases; and, also, at time of making proof, file their applications to purchase (Form 4-001). Such applications the register will retain in his office. See section 2355, Revised Statutes.

A cash certificate and receipt (Forms 4-189 and 4-131, respectively), will be issued, if the proof is satisfactory, and the same will be reported on the regular monthly abstracts of lands sold. The proofs and final affidavits in such cases will be made on the regular homestead blanks, modified as the circumstances require, and in each case an affidavit (Form 4-102c), changed so as to refer to the above act, must be furnished.

BINGER HERMANN, *Commissioner.*

Approved:

C. N. BLISS, *Secretary.*

[Public—No. 60.]

AN ACT extending the right of commutation to certain homestead settlers on lands in Oklahoma Territory, opened to settlement under the provisions of the act entitled "An act to ratify and confirm the agreement with the Kickapoo Indians in Oklahoma Territory, and to make appropriations for carrying the same into effect."

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the right of commutation is hereby extended to all bona fide homestead settlers on the lands in Oklahoma Territory, opened to settlement under the provisions of the act of Congress entitled "An act to ratify and confirm an agreement with the Kickapoo Indians in Oklahoma Territory, and to make appropriations for carrying the same into effect," approved March third, eighteen hundred and ninety-three, and the President's proclamation thereon, after fourteen months from the date of settlement, upon full payment for the lands at the price provided in said act.

Approved, April 11, 1898.

REGULATIONS CONCERNING HOMESTEADS IN ALASKA.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington, D. C., June 8, 1898.

The following instructions, issued under the act of Congress approved May 14, 1898 (Public No. 95), entitled "An act extending the homestead laws and providing for right of way for railroads in the District of Alaska, and for other purposes," are for the guidance of the local officers in their administration of the law and for the information of those concerned in its provisions.

Section 1 relates to homestead rights in Alaska, and provides:

SECTION 1. That the homestead land laws of the United States and the rights incident thereto, including the right to enter surveyed or unsurveyed lands under provisions of law relating to the acquisition of title through soldiers' additional homestead rights, are hereby extended to the District of Alaska, subject to such regulations as may be made by the Secretary of the Interior; and no indemnity, deficiency, or lieu lands pertaining to any land grant whatsoever originating outside of said District of Alaska shall be located within or taken from lands in said District: *Provided*, That no entry shall be allowed extending more than eighty rods along the shore of any navigable water, and along such shore a space of at least eighty rods shall be reserved from entry between all such claims, and that nothing herein contained shall be so construed as to authorize entries to be made, or title to be acquired, to the shore of any navigable waters within said District: *And it is further provided*, That no homestead shall exceed eighty acres in extent.

1. This section may be summarized as—

First. Extending the homestead laws and the rights incident thereto to the District of Alaska;

Second. Extending to such District the right to enter surveyed lands under provisions of law relating to the acquisition of title through soldiers' additional homestead rights;

Third. Granting the right to enter unsurveyed lands in said District under provisions of law relating to the acquisition of title through soldiers' additional homestead rights;

Fourth. Prohibiting the location in said District of any indemnity, deficiency, or lieu lands pertaining to any land grant whatsoever originating outside of said District;

Fifth. Limiting each entry under this section to 80 rods along the shore of any navigable water, and reserving along such shore a space of at least 80 rods between all such claims, and prohibiting the entry or disposal of the shore (meaning land lying between high and low water mark) of any navigable waters within said District; and

Sixth. Limiting each homestead in said District, whether soldiers' additional or otherwise, to 80 acres in extent.

2. Full instructions with reference to the general homestead law and soldiers' additional homestead rights will be found in the general circular of October 30, 1895, and will, so far as applicable, govern the making of entries under this section.

3. Existing homestead laws, while recognizing settlement upon unsurveyed public lands, do not authorize the entry or the patenting thereof until the public surveys have been regularly extended over them. This section, however, in terms authorizes the entry of unsurveyed lands in Alaska through the exercise of soldiers' additional homestead rights; but this does not apply to the general homestead right.

4. The act makes no direct provision for the surveying of lands sought to be entered as soldiers' additional homestead claims, and therefore special surveys must be made of such lands in the manner provided for in section 10 of this act, at the expense of the applicant.

5. A claim under this section, which extends to the shore line on any navigable stream, inlet, gulf, bay, or seashore, will be subject to the servitude provided for in that portion of section 10, which reads: "and a roadway sixty feet in width, parallel to the shore line as near as may be practicable, shall be reserved for the use of the public as a highway." and the lands subject to such servitude will be computed as a part of the area entered.

6. That part of section 10 relating to the execution of affidavits, testimony, proofs, and other papers, anywhere in the United States before any court, judge, or other officer authorized to administer an oath, applies equally to this section.

* * * * *

BINGER HERMANN, *Commissioner*.

Approved:

C. N. BLISS, *Secretary*.

DISTINCTION BETWEEN OFFERED AND UNOFFERED LANDS ABOLISHED.

C.] DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington, D. C., June 10, 1898.
Registers and Receivers, United States Land Offices.

GENTLEMEN: Your attention is called to the provisions of section 1 of the act of Congress approved May 18, 1898 (Public No. 102), entitled "An act to abolish the distinction between offered and unoffered lands, and for other purposes," which read as follows:

That in cases arising from and after the passage of this act the distinction now obtaining in the statutes between offered and unoffered lands shall no longer be made in passing upon subsisting preemption claims, in disposing of the public lands under the homestead laws, and under the timber and stone law of June third, eighteen hundred and seventy-eight, as extended by the act of August fourth, eighteen hundred and ninety-two, but in all such cases hereafter arising the land in question shall be treated as unoffered, without regard to whether it may have actually been at some time offered or not.

The instructions on pages 222 to 227 of the circular of October 30, 1895, which pertain to unoffered lands will be a sufficient guide for preemption cases arising under this section of the act.

No change in the instructions already in force under the homestead law seems to be necessary, further than to state that under said act all lands will be regarded as unoffered in computing the time within which homestead settlers are required to put their claims of record by entry at the proper district land office.

The instructions on pages 44 to 46, circular of October 30, 1895, will be followed in cases arising from and after the passage of this act under the timber and stone law of June 3, 1878 (20 Stat., 89), and the act of August 4, 1892 (27 Stat., 348), except as modified by the provisions of said section one.

Very respectfully,

Approved:

C. N. BLISS, *Secretary.*

BINGER HERMANN, *Commissioner.*

C.] DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington, D. C., June 10, 1898.
Registers and Receivers, United States Land Offices, Missouri.

GENTLEMEN: Your attention is called to the provisions of section 2 of the act of Congress approved May 18, 1898 (Public No. 102), entitled "An act to abolish the distinction between offered and unoffered lands, and for other purposes," which read as follows:

That all public lands within the State of Missouri shall hereafter be subject to disposal at private sale in the manner now provided by law for the sale of lands which have been publicly offered for sale, whether such lands have ever been offered at public sale or not: *Provided*, That the actual settlers shall have a preference right, under such rules and regulations as the Secretary of the Interior may prescribe.

In all applications to purchase land at private sale made after the passage of this act, the applicant must furnish a duly corroborated affidavit showing that there is no one other than himself claiming said land as an actual settler. In other respects you will take action under existing regulations, treating all public lands as unoffered.

Very respectfully,

Approved:

C. N. BLISS, *Secretary.*

BINGER HERMANN, *Commissioner.*

MILLE LAC INDIAN RESERVATION LANDS, MINNESOTA.

C.] DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,
Washington, D. C., June 11, 1898.
Register and Receiver, St. Cloud, Minn.

GENTLEMEN: Your attention is invited to the joint resolution of May 27, 1898 (Public Resolution No. 36), entitled "Joint resolution declaring the lands within the former Mille Lac Indian Reservation, in Minnesota, to be subject to entry under the land laws of the United States."

You will therefore allow entries for any of the vacant lands in said reservation by parties qualified under the terms of said resolution, except on the lots therein mentioned as being reserved for a burial place for the Indians.

Very respectfully,

BINGER HERMANN, *Commissioner.*

(Public Resolution No. 36.)

JOINT RESOLUTION declaring the lands within the former Mille Lac Indian Reservation, in Minnesota, to be subject to entry under the land laws of the United States.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That all public lands formerly within the Mille Lac Indian Reservation, in the State of Minnesota, be, and the same are hereby, declared to be subject to entry by any bona fide qualified settler under the public-land laws of the United States; and all preemption filings heretofore made prior to the repeal of the preemption law by the act of March third, eighteen hundred and ninety-one, and all homestead entries or applications to make entry under the homestead laws, shall be received and treated in all respects as if made upon any of the public lands of the United States subject to preemption or homestead entry: *Provided,* That lot four in section twenty-eight, and lots one and two in section thirty-three, township forty-three north, of range twenty-seven west of the fourth principal meridian, be, and the same are hereby, perpetually reserved as a burial place for the Mille Lac Indians, with the right to remove and reinter thereon the bodies of those buried on other portions of said former reservation.

Approved, May 27, 1898.

[Public—No. 140.]

AN ACT for the protection of homestead settlers who enter the military or naval service of the United States in time of war.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in every case in which a settler on the public land of the United States under the homestead laws enlists or is actually engaged in the Army, Navy, or Marine Corps of the United States as private soldier, officer, seaman, or marine, during the existing war with Spain, or during any other war in which the United States may be engaged, his services therein shall, in the administration of the homestead laws, be construed to be equivalent to all intents and purposes to residence and cultivation for the same length of time upon the tract entered or settled upon; and hereafter no contest shall be initiated on the ground of abandonment, nor allegation of abandonment sustained against any such settler, unless it shall be alleged in the preliminary affidavit or affidavits of contest, and proved at the hearing in cases hereafter initiated, that the settler's alleged absence from the land was not due to his employment in such service: *Provided,* That if such settler shall be discharged on account of wounds received or disability incurred in the line of duty, then the term of his enlistment shall be deducted from the required length of residence without reference to the time of actual service: *Provided further,* That no patent shall issue to any homestead settler who has not resided upon, improved, and cultivated his homestead for a period of at least one year after he shall have commenced his improvements.

Approved, June 16, 1898.

CHIPPEWA CEDED LANDS, MINNESOTA.

In the annual report for the year ending June 30, 1897 (see pages 104, 105), it was stated that the question as to reexamination of 50,357.39 acres of pine land on the Red Lake Reservation, Minn., then remaining unsold, and also of certain tracts theretofore reported as agricultural, as well as the lands examined between July and November, 1896, which latter had not been opened to entry or offered for sale, was then under consideration.

On August 3, 1897, the Department rendered a decision (unreported) by which the order withdrawing from sale 7,769.63 acres of pine lands was vacated and their disposal under the act of January 14, 1889, (25 Stat., 642), ordered; the former appraisement of 744.32 acres of pine lands revoked, and a new appraisement thereof, based on the estimates of Special Agent Wright, ordered, the said amount of land to be thereafter restored to market under the law (which was done under departmental order of August 28, 1897, by which the new appraisement was accepted and the sale of the land at private sale ordered); the former appraisement of 41,843.44 acres of pine lands revoked, and a reexamination and reappraisement thereof preliminary to their being again offered for sale ordered; the temporary

withdrawal of 116,461.91 acres of agricultural lands which had been previously opened to settlement and entry was directed, their former reclassification revoked and a reexamination thereof directed, except as to such lands as were embraced in valid claims existing at the date of the withdrawal; claims which had been established to 10,724.47 acres were recognized as having been made in good faith; the disposal of 289,962.74 acres previously opened to settlement and entry ordered continued; the former classification of 627,791.23 acres as agricultural accepted and their disposal under the law directed to be continued; of the lands examined between July and November, 1896, the reexamination of 4,167.24 acres reported as containing more than 10,000 feet of pine timber per 40 acre tract, but which had not been opened to entry or offered for sale was ordered, and 225,478.22 acres accepted as agricultural and their incorporation in the next advertisement of the notice of the opening of Chippewa lands directed.

The examination of the lands in the Red Lake Reservation was resumed in September, 1897. The amount of land above mentioned as ordered to be reexamined was reexamined and in addition thereto the remaining portion of the surveyed lands in said reservation, amounting to 137,415.85 acres was examined, the entire work being completed in April, 1898, in which month the examination of the lands in the Leech Lake, Cass Lake, Winnibigoshish, Mississippi, Chippewa, and White Oak Point reservations was commenced. This work is now in progress.

The preparation of a comparative statement of the result of the reexamination and the former examination would require considerable clerical labor and such a statement is deemed unnecessary for this report, it being sufficient to say that the result fully justified the order for the reexamination.

As a result of the work done by the examiners on the Red Lake Reservation during the fiscal year a schedule of the pine lands, covering 61,151.57 acres, with instructions as to their disposal, minutes of their examinations, and appraisements, was issued in circular form June 14, 1898, the dates of the sale thereof being advertised for the lands in the Duluth land district to commence at Duluth on August 2, 1898, and for those in the Crookston land district at Crookston on August 16, 1898.

The schedule of the lands reported as agricultural has not yet been made up.

The Indian appropriation act, approved June 7, 1897 (30 Stat. L., 90), provides—

* * * The Secretary of the Interior may, in his discretion, from year to year, under such regulations as he may prescribe, authorize the Indians residing on any Indian reservation in the State of Minnesota, whether the same has been allotted in severalty or is still unallotted, to fell, cut, remove, sell, or otherwise dispose of the dead timber, standing or fallen, on such reservation or any part thereof, for the sole benefit of such Indians; and he may also in like manner authorize the Chippewa Indians of Minnesota who have any interest or right in the proceeds derived from the sales of ceded Indian lands or the timber growing thereon, whereof the fee is still in the United States, to fell, cut, remove, sell, or otherwise dispose of the dead timber, standing or fallen, on such ceded land. But whenever there is reason to believe that such dead timber in either case has been killed, burned, girdled, or otherwise injured for the purpose of securing its sale under this act, then in that case such authority shall not be granted. * * *

The Department approved regulations September 28, 1897, under which the Indians were authorized to enter into a contract or contracts with any responsible person or persons to cut and bank any

specified amount of dead timber, standing or fallen, on the ceded lands of the reservations, such responsible person or persons being required to give bond in a sufficient penalty stipulating for the faithful performance of the obligations of such contracts, the careful observance of the intercourse laws, etc.

Contracts to cut and bank timber to the amount of 71,300,000 feet, entered into between Indian loggers and certain contractors, were approved by this office during the logging season of 1897 and 1898, but, owing to the unfavorable conditions of the season, the winter being extremely open, the logs cut and banked scaled only 55,211,896 feet, from the sale of which about \$260,000 was realized. A considerable amount of logs was left on skids in the woods.

The said Indian appropriation act of June 7, 1897 (30 Stat. L., 67), also contains the following provisions:

* * * For completing the necessary surveys within the Chippewa Indian Reservation in Minnesota, including expenses of examining and appraising pine lands, under the provisions of the act approved January fourteenth, eighteen hundred and eighty-nine, to be reimbursed to the United States out of proceeds of the sale of their lands, fifty thousand dollars: *Provided*, That all lands acquired and sold by the United States under the "Act for the relief and civilization of the Chippewa Indians in the State of Minnesota," approved January fourteenth, eighteen hundred and eighty-nine, shall be subject to the right of the United States to construct and maintain dams for the purpose of creating reservoirs in aid of navigation, and no claim or right of compensation shall accrue from the overflowing of said lands on account of the construction and maintenance of such dams or reservoirs. And the Secretary of War shall furnish the Commissioner of the General Land Office a list of such lands, with the particular tracts appropriately described, and in the disposal of each and every one of said tracts, whether by sale, by allotment in severalty to individual Indians or otherwise under said act, the provisions of this paragraph shall enter into and form a part of the contract of purchase or transfer of title. * * *

Under date of June 10, 1898, the Secretary of War forwarded to the Department a letter from the Chief of Engineers, dated June 8, 1898, together with a list of Indian lands in Minnesota subject to overflow by the construction of reservoirs at the head waters of the Mississippi River, recommending that, in view of the unreliability of the surveys, the sale of lands in the Leech Lake, Cass Lake, and Winnibigoshish reservations be postponed until Congress could provide funds for an accurate survey, or, if that should be impracticable, that, in the disposition of any parcel of the land, the right of the United States to overflow it in the interest of the reservoir system be expressly reserved in accordance with the law relating to the subject.

A report was made by this office to the Department to the effect that an examination of the lands in these reservations was then being made; that the pine lands had been greatly damaged by fires in the past, and that such fires were liable to recur at any time, destroying a vast amount of timber; and the opinion was expressed that the examination should not be delayed, as the surveys were deemed sufficiently accurate to allow of the disposal of the lands in regular legal subdivisions. The recommendation was then made that the examination be allowed to proceed, and that after its completion, the pine lands be sold and the agricultural lands opened to settlement under the provisions of said act of January 14, 1889, the patents issued for all lands in said reservations to contain a clause reserving to the United States the right to overflow the land in the interest of the reservoir system, thus protecting the Government and not in any manner injuring the purchaser; for, if not needed for reservoir purposes, or not overflowed by the construction and maintenance of such dams or

reservoirs, the reservation contained in the patents would be inoperative. The Department has not yet taken action on these recommendations.

An examination of the ceded portion of the White Earth Reservation was made in 1895, but the disposal thereof has since been held in abeyance awaiting a determination of the claim of the State of Minnesota to the swamp and overflowed lands under the grant to the State.

No examination has yet been made of any of the other Chippewa reservations which are subject to disposal under said act of January 14, 1889.

ABANDONED MILITARY RESERVATIONS.

Under the act of July 5, 1884 (23 Stat. L., 103), providing for the disposal of abandoned military reservations or portions thereof on the public domain, certain lands have at various times been relinquished by the War Department and placed under the control of the Interior Department for disposal in accordance with said act, or as provided for in acts of Congress subsequent thereto.

By the act of August 23, 1894 (28 Stat. L., 491), special provision was made for the disposal of abandoned military reservations theretofore placed under the control of the Secretary of the Interior for disposition under the act of July 5, 1884, the disposal of which had not been provided for by a subsequent act of Congress, *where the area exceeds five thousand acres*; and by the act of February 15, 1895 (28 Stat. L., 664), the provisions of said act of August 23, 1894, were extended to all abandoned military reservations which were placed under the control of the Secretary of the Interior under any law in force prior to July 5, 1884.

Lists of the abandoned military reservations which have been transferred to the Interior Department under the provisions of said act of July 5, 1884, are herewith presented.

Statement A shows the date of relinquishment, area, improvements, if any, and value, if appraised.

Statement B shows the facts relative to location, survey, appraisal, and sale, or status of each reservation on June 30, 1898, and date of any special act governing the manner of disposal of same; also the status of reservations relinquished under special acts where further action is required for their disposal.

STATEMENT A.

List of military reservations or parts thereof relinquished by the War Department to the Interior Department under the provisions of the act of Congress approved July 5, 1884 (23 Stat. L., 103). (For list of existing military reservations, see pp. 217.)

Name.	Date of relinquishment.	Area.	Improvements transferred.
Alabama:		<i>Acres.</i>	
Petit Bois Blanc Island (partly in Mississippi).	Oct. 25, 1895	1,008.84	None.
Arizona:			
Camp Bowie.....	Nov. 5, 1894	a 23,040.00	Do.
Camp Crittenden.....	July 22, 1884	3,313.46	Do.
Camp Goodwin.....	do	3,575.74	Do.
Camp Grant.....	do	2,010.72	Do.
Camp McDowell.....	Feb. 14, 1891	25,628.00	30 buildings and other improvements.
Fort Lowell.....	Feb. 24, 1891	a 51,631.36	34 buildings ^a

^a Estimated.

List of military reservations or parts thereof relinquished, etc.—Continued.

Name.	Date of relinquishment.	Area.	Improvements transferred.
Arizona—Continued.			
Fort Thomas	Nov. 22, 1892	<i>Acres.</i> 11,042.09	None.
Fort Verde (garden tract)	do	2,995.82	Do.
Fort Verde (post)	Oct. 2, 1890	10,029.80	23 buildings.
Whipple Barracks (timber reserve)	July 22, 1884	720.00	None.
Arkansas:			
Little Rock Barracks	Oct. 3, 1890	36.01	32 buildings, fences, etc.
Block 94 (Hot Springs military reserve)	Aug. 15, 1890	6.76	None.
California:			
Camp Cady	July 22, 1884	α 1,562.00	12 structures, quarters, etc., were reported in 1870.
Camp Independence (post reserve)	do	120.20	None.
Camp Independence (hay reserve)	do	2,530.18	Do.
Camp Independence (wood reserve)	do	2,560.00	Do.
Fort Yuma	Oct. 2, 1890	5,265.66	Do.
Colorado:			
Camp on White River	do	40,960.00	Do.
Cantonment on Uncompahgre (part of).	do	2,797.22	Do.
Fort Crawford (formerly cantonment on Uncompahgre).	Dec. 22, 1890	5,496.03	33 buildings, sold June 5, 1894.
Fort Lewis (part)	Feb. 12, 1895	α 24,960.00	None.
Fort Lyon (old)	July 22, 1884	38,090.00	Do.
Fort Lyon (new)	Nov. 25, 1889	5,918.90	46 buildings.
Pagosa Springs (formerly old Fort Lewis).	July 22, 1884	2,240.00	None.
Pikes Peak Signal Station	Jan. 12, 1889	8,192.00	Do.
Fort Sedgwick (partly in Nebraska)	July 22, 1884	40,960.00	Do.
Florida:			
Dragoon Barracks, L. H.	Nov. 18, 1886	1.15	Do.
Fort Clinch (portion)	Mar. 3, 1897	Unknown.	Do.
Fort St. Marks	Sept. 21, 1892	50.00	Do.
Old Powder House Lot	Mar. 18, 1886	10.29	Do.
Idaho:			
Camp Three Forks, Owyhee	July 22, 1884	α 4,800.00	Do.
Fort Cœur d'Alene (winter pasturage)	Apr. 27, 1886	640.00	Do.
Indian Territory:			
Fort Gibson	Feb. 17, 1891	α 5,534.10	Unknown.
Kansas:			
Fort Dodge (remainder)	Jan. 12, 1885.	14,661.00	41 structures in all, sold to State.
Fort Hays	Oct. 22, 1889	7,600.00	40 structures in all; 1 bridge.
Fort Wallace	July 22, 1884	8,926.00	Barracks, quarters, etc., for 1 company.
Louisiana:			
Baton Rouge Barracks	Sept. 6, 1884	44.17	Unknown.
Fort Macomb (portion of), formerly Fort Wood.	June 20, 1896	Unknown.	None.
Ten reservations on the Gulf coast, as follows—			
Reservation near the eastern mouth of Bayou Lafourche.	Sept. 23, 1886	α 720.00	Do.
Reservation near the western mouth of Bayou Lafourche.	do	α 700.00	Do.
Reservation on Bayou Plat.	do	100.00	Do.
Reservation near the western entrance to Caminada Bay.	do	437.93	Do.
Reservation near the Pass, at the eastern end of Grand Terre Island.	do	324.00	Do.
Reservation near the mouth of Quatre Bayou Pass.	Sept. 23, 1886	347.46	Do.
Reservation at Bastian Bay	do	392.46	Do.
Reservation near Bastian Bay, comprising part of secs. 22, 23, and 26 and all of secs. 27 and 35, T. 21 S., R. 28 E.	do	1,217.35	Do.
Reservation near Bastian Bay, comprising part of secs. 4 and 5 and all of secs. 6, 7, and 8, T. 22 S., R. 29 E.	do	1,601.82	Do.
Reservation near Bastian Bay, comprising part of secs. 14 and 15 and all of secs. 22, 23, and 24, T. 21 S., R. 27 E.	do	329.77	Do.
Maine:			
Fort Sullivan	July 22, 1884	12.50	Do.
Michigan:			
Bois Blanc Island	do	9,729.18	Do.
Fort Brady	Nov. 28, 1894	3.50	Do.
Fort Wilkins	do	148.35	17 structures.

 α Estimated.

List of military reservations or parts thereof relinquished, etc.—Continued.

Name.	Date of relinquishment.	Area.	Improvements transferred.
Mississippi:			
Cat Island.....	Oct. 25, 1895	<i>Acres.</i> 1,238.00	None.
Greenwood Island.....	Dec. 18, 1890	100.00	Do.
Horn Island.....	Oct. 25, 1895	1,891.66	Do.
Petit Bois Blanc Island (partly in Alabama).	.....do.....	1,000.84	Do.
Round Island.....	.....do.....	109.79	Do.
Missouri:			
Island in Missouri River, in secs. 28 and 33, T. 50 N., R. 33 W., 5th P. M.	July 22, 1884	54.70	None.
Montana:			
Fort Assinniboine (portion).....	Oct. 9, 1891	α400,160.00	Do.
Fort Buford. (See North Dakota.)			
Fort Ellis.....	July 26, 1886	33,234.66	24 structures in all.
Fort Maginnis.....	Aug. 6, 1890	30,909.49	48 buildings.
Nebraska:			
Camp Sheridan.....	July 22, 1884	18,225.00	None.
Fort Hartsuff.....	.....do.....	3,251.41	Do.
Fort McPherson.....	Jan. 5, 1887	15,865.15	Do.
Fort Niobrara (portion of)			
Fort Randall. (See South Dakota.)			
Fort Robinson (portion)	Sept. 19, 1896	Unknown.	Do.
Fort Sedgewick. (See Colorado.)			
Fort Sidney (post, wood, and timber reserves).	Nov. 5, 1894	3,835.35	53 buildings.
Nevada:			
Carlin.....	Mar. 2, 1888	920.00	None.
Fort Halleck (post, hay, and timber reserves).	Oct. 11, 1886	10,829.72	20 structures in all.
Fort McDermitt (post reserve).....	July 17, 1889	3,921.38	Last report (1879) shows 25 structures in all.
Fort McDermitt (hay reserve), partly in Oregon.	Dec. 1, 1886	4,570.17	None.
New Mexico:			
Fort Butler.....	July 22, 1884	α 11,520.00	Do.
Fort Craig.....	Mar. 3, 1885	24,895.00	22 structures in all; sold.
Fort Cummings.....	Oct. 7, 1891	23,150.66	1 old fort, 2 sets quarters, condition ruinous.
Fort McRae.....	July 22, 1884	2,560.00	None.
Fort Marcy.....	June 15, 1895	α 17.77	Unknown.
Fort Selden.....	Mar. 17, 1892	9,290.30	17 buildings.
Fort Stanton.....	Dec. 30, 1895	10,240.00	None.
North Dakota:			
Fort Abraham Lincoln.....	Sept. 10, 1891	13,027.59	41 buildings.
Fort Buford (portion).....	July 20, 1891	α 3,640.00	
Fort Buford (remainder), partly in Montana.	Oct. 25, 1895	568,720.00	65 buildings.
Fort Pembina.....	Nov. 27, 1895	1,899.08	36 buildings.
Fort Rice.....	July 22, 1884	112,362.87	None.
Fort Stevenson.....	Feb. 2, 1895	α 48,000.00	5 buildings.
Oklahoma:			
Council Grove.....	Jan. 14, 1895	5,760.00	None.
Fort Supply.....	Nov. 5, 1894	39,356.63	92 buildings.
Oklahoma Station.....	Sept. 28, 1892	160.00	None.
Oregon:			
Fort Klamath (post reserve).....	May 4, 1886	1,200.00	25 structures in all.
Fort Klamath (hay reserve).....	.....do.....	2,135.68	None.
Fort McDermitt. (See Nevada.)			
South Dakota:			
Fort Randall (part east of Missouri River).	July 22, 1884	24,502.21	Do.
Fort Randall (part west of Missouri River), partly in Nebraska.....	Oct. 20, 1893	100,317.83	50 buildings; sold Oct. 13, 1896.
Fort Sisseton (formerly Fort Wadsworth).	Apr. 22, 1889	79,400.00	8 brick, 6 stone, 5 frame, and 3 log buildings.
Fort Sully.....	Nov. 5, 1894	α 28,800.00	61 buildings.
Texas:			
"Block 108" (located in the city of Houston).	Jan. 16, 1891	1.35	None.
Fort Elliott.....	Oct. 2, 1890	2,560.00	38 buildings; value, \$32,320
Fort Hancock.....	Oct. 25, 1895	469.20	38 buildings.
Utah:			
Fort Cameron.....	July 2, 1885	22,820.74	None.
Fort Crittenden (formerly Camp Floyd).	July 22, 1884	173,664.68	Do.
Fort Thornburg.....	.....do.....	α 21,851.00	9 structures in all.
Rush Lake Valley.....	.....do.....	5,131.47	None.
Washington:			
Fort Colville.....	Feb. 26, 1887	1,070.00	Quarters for 5 officers and 4 companies; 1 hospital and 2 storehouses.

α Estimated.

List of military reservations or parts thereof relinquished, etc.—Continued.

Name.	Date of relinquishment.	Area.	Improvements transferred.
Washington—Continued.			
Steilacoom	July 22, 1884	<i>Acres.</i> 289.00	None.
Sucia Island	Dec. 12, 1896	Unknown.	Unknown.
Four reservations on Puget Sound, as follows—			
Reservation on west side of Narrows of Puget Sound, at south side of entrance to Gig Harbor, sec. 8, T. 21 N., R. 2 E.	Oct. 18, 1894	582.10	Do.
Reservation on west side of Narrows of Puget Sound, secs. 21 and 28, T. 21 N., R. 2 E.	Oct. 18, 1894	637.40	Do.
Reservation on west side of Narrows of Puget Sound, south of Point Evans, in secs. 31, 32, and 33, T. 21 N., R. 2 E., and secs. 5 and 6, T. 20 N., R. 2 E.	.....do	635.00	Do.
Reservation on north side of Gig Harbor, at Narrows of Puget Sound, in secs. 4, 5, and 8, T. 21 N., R. 2 E., and sec. 32., T. 22 N., R. 2 E.	.....do	633.33	Do.
Wyoming:			
Fort Bridger (remainder)	Oct. 2, 1890	10,941.06	51 structures.
Fort Bridger (coal reserve)	July 22, 1884	99.17	None.
Fort Fetterman (hay reserve) .....	.....do	2,620.91	Do.
Fort Fetterman (post reserve) .....	.....do	36,495.65	A double set officers' quarters, with outhouses, stables, etc.
Fort Fetterman (new wood reserve) ..	July 22, 1894	1,262.76	None.
Fort Fetterman (old wood reserve) ..	July 22, 1884	4,685.39	Do.
Fort Fred Steele (post reserve)	Aug. 9, 1886	22,269.62	42 structures in all; sold.
Fort Fred Steele (wood reserve) .....	.....do	61,233.64	None.
Fort McKinney (portion)	Jan. 10, 1889	680.30	Do.
Fort McKinney (remainder)	Nov. 5, 1894	25,600.00	66 buildings.
Depot McKinney	Dec. 5, 1894	640.00	None.
Fort Laramie (post)	May 28, 1890	33,415.00	1 set quarters, 2 wagon bridges, 1 footbridge, flag-staff; condition serviceable.
Fort Laramie (wood and timber)	Oct. 29, 1897	39,680.00	None.
Fort Sanders	Sept. 6, 1884	19,428.03	Do.

a Estimated.

b Area of part surveyed.

There has been but one reservation, or part thereof, relinquished by the War Department to the Department of the Interior under any act subsequent to the act of July 5, 1884, viz:

Name.	Date of relinquishment.	Area.	Improvements transferred.
Fort Douglas, Utah (portion)	Apr. 17, 1885	<i>Acres.</i> 151.81	None.

Said portion of this reservation was relinquished under the act of January 21, 1885 (23 Stat. L., 284), which allowed Charles Popper ninety days in which to make entry of the tract relinquished. Popper made entry for the tract June 17, 1885, which entry was patented January 20, 1886.

The tract referred to is described as the NW. $\frac{1}{4}$ of the SE. $\frac{1}{4}$, and the NE. $\frac{1}{4}$ of the SW. $\frac{1}{4}$, and the NW. fractional $\frac{1}{4}$ of the SW. fractional $\frac{1}{4}$, and the N. $\frac{1}{4}$ of the SE. $\frac{1}{4}$ of the SW. fractional $\frac{1}{4}$, and the N. fractional $\frac{1}{4}$ of the SW. fractional $\frac{1}{4}$ of the SW. fractional $\frac{1}{4}$ of sec. 33, T. 1 N., R. 1 E. of the Salt Lake meridian.

List of reservations in Florida, or parts thereof, relinquished by the War Department to the Interior Department under the provisions of the act of August 13, 1856 (11 Stat. L., 87).

Name.	Date of relinquishment.	Area.	Improvements transferred.
Cayo Costa Island (portion).....	May 18, 1878	<i>Acres.</i> 963.23	None.
Fort Brooke.....	Jan. 4, 1883	148.11	Do.
Fort Jupiter.....	Mar. 16, 1880	9,088.38	Do.
Palmetto Key.....	May 18, 1878	84.42	Do.
St. Augustine (hospital lot).....	Oct. 15, 1883	.1619	Do.
St. Augustine (blacksmith-shop lot).....	do	.12786	Do.
Unnamed island east of Cayo Costa Island	May 18, 1878	112.66	Do.

STATEMENT B.

Status of each of the reservations named in Statement A, and status of reservations relinquished under special acts, where further action is required for their disposal.

ALABAMA.

Petit Bois Blanc Island. (See Mississippi.)

ARIZONA.

Camp Bowie, situated in Cochise County, Ts. 14 and 15 S., Rs. 29 and 30 E., Gila and Salt River meridian. Established by Executive order of March 30, 1870; enlarged by Executive order of November 27, 1877. Relinquished November 5, 1894, without improvements. Not surveyed.

Camp Crittenden, situated in Pima County, in T. 20 S., R. 16 E. Established by Executive order of August 20, 1867. Relinquished July 22, 1884, with two buildings, one valued at \$150; value of the other not known. Surveyed. Area, 3,313.46 acres. Appraised. Offered for sale December 7, 1896, and entire reservation sold.

Camp Goodwin, situated in Graham County, in Ts. 4 and 5 S., Rs. 22 and 23 E. Established by Executive order of August 20, 1867. Relinquished July 22, 1884, without improvements. Surveyed. Area, 3,575.74 acres. Appraised. Offered for sale October 27, 1896, and 54.41 acres sold. Remainder subject to reoffering.

Camp McDowell, situated in Maricopa County, Ts. 3, 4, and 5 N., Rs. 6 and 7 E. Established by Executive order of April 12, 1887. Relinquished February 14, 1891. On September 16, 1890, the War Department reported that there were 30 buildings and other improvements on the reservation. Not surveyed. Subject to disposal under act of August 23, 1894 (28 Stat. L., 491). Buildings offered for sale September 22, 1896, and 12 sold. Unsold buildings subject to private sale.

Fort Lowell, situated in Pima County, in Ts. 13 and 14 S., Rs. 14, 15, and 16 E. Established by Executive order of October 26, 1875. Enlarged May 15, 1886, to embrace secs. 9 and 10 and those portions of secs. 15 and 16, T. 13 S., R. 15 E., not heretofore reserved. Relinquished February 24, 1891. Partly surveyed. Subject to disposal under act of August 23, 1894 (28 Stat. L., 491). Appraised. Buildings and two subdivisions (80 acres) sold November 18, 1896.

Fort Thomas, situated in Graham County, in Ts. 4 and 5 S., Rs. 22 and 23 E. Established by Executive order of May 18, 1877. Relinquished November 22, 1892, for disposal under act of July 5, 1884, "or as may be otherwise provided by law." Surveyed. Area, 11,042.09 acres. Subject to disposal under act of August 23, 1894 (28 Stat. L., 491). Appraised.

Fort Verde (garden tract), situated in Yavapai County, in T. 14 N., R. 5 E. Established by Executive order of October 24, 1871. Relinquished July 22, 1884, without improvements. Surveyed. Area, 2,995.82 acres. Appraised.

Fort Verde (post), situated in Yavapai County, in Ts. 13 and 14 N., Rs. 4, 5, and 6 E. Established by Executive orders of March 30, 1870, and August 17, 1876. Relinquished October 2, 1890. Surveyed. Area, 10,029.80 acres. The local officers were instructed November 3, 1893, to allow homestead entries, under the act of July 5, 1884, on the post reserve and garden tract. Subject to disposal under the act of August 23, 1894 (28 Stat. L., 491). Appraised.

Old Camp Grant, situated in Pinal County, in Ts. 6 and 7 S., R. 16 E. Established by Executive order of March 30, 1870. Relinquished July 22, 1884, without

improvements. Surveyed. Area, 2,010.72 acres, of which 415.98 acres have been entered under the provisions of the act of July 5, 1884. Appraised. Offered for sale October 13, 1896, and 63.54 acres sold. Remainder subject to reoffering.

Whipple Barracks (timber reserve), situated in Yavapai County, in T. 13 N., R. 2 W. Established by Executive order of June 30, 1873. Relinquished July 22, 1884, without improvements. Surveyed. Area, 720 acres. Appraised. Offered for sale November 5, 1896, but not sold for want of bidders. Subject to reoffering.

ARKANSAS.

Little Rock Barracks, or Arsenal, situated in the city of Little Rock. Established April 11, 1839. Relinquished October 3, 1890, under act of July 5, 1884, with 32 buildings, fences, etc., valued at \$60,081. Surveyed. Area, 36.01 acres. Granted to the city of Little Rock, Ark., by the act of April 23, 1892 (29 Stat. L., 20), under certain conditions, which have been complied with.

Hot Springs Military Reserve (block 94), situated in the city of Hot Springs. Established November 17, 1880. Relinquished August 15, 1890, act July 5, 1884, without improvements. Surveyed. Area, 6.76 acres. Offered at public sale April 12, 1892, but not sold.

CALIFORNIA.

Camp Cady, situated in San Bernardino County, in T. 10 N., R. 5 E., S. B. M. Established by Executive order of June 3, 1870. Relinquished July 22, 1884. The War Department reports that in 1870 it was reported that there were 12 structures, of little value, on the reservation. Survey authorized. Returns not yet received.

Camp Independence (post, hay, and wood reserves), situated in Inyo County. The post reserve consists of lot 1 in NE. $\frac{1}{4}$ sec. 1, T. 13 S., R. 34 E., and W. $\frac{1}{2}$ of lot 1 in NW. $\frac{1}{4}$ sec. 6, T. 13 S., R. 35 E. The hay reserve consists of secs. 3 and 4, T. 13 S., R. 35 E. The wood reserve consists of 2 miles square (5 miles west of the post reserve) in T. 13 N., R. 34 E. Established by Executive order of January 23, 1866. Relinquished July 23, 1884, without improvements. Partly surveyed. An entry was made for the post reserve, but canceled by this office. One entry of 160 acres made for lands on the hay reserve under the provisions of the act has been approved. Other entries for these lands, aggregating 1,818.61 acres, have been canceled. The district officers were directed, on February 13, 1896, that the three reservations be treated as one, and therefore subject to disposal under the act of August 23, 1894 (28 Stat. L., 491).

Fort Yuma, situated in San Diego County, in T. 16 S., Rs. 22 and 23 E., S. B. M. Portion in Yuma County, Ariz. Established by Executive order of January 22, 1867. Transferred by Executive order of January 9, 1884, to the Interior Department for Indian uses. This reservation was placed under the control of the Interior Department for disposal under the act of July 5, 1884, but under date of March 5, 1892, the Interior Department held that under the order of January 9, 1884, the lands in this reservation became a part of the Yuma Indian Reservation.

COLORADO.

Camp on White River, situated in Garfield County, in Ts. 1 N. and 1 S., Rs. 93 and 94 W. Established by Executive order of April 26, 1881. Relinquished July 22, 1884. Surveyed. Area, 40,960 acres. This tract was originally within the Ute Indian Reservation, and by departmental decision of January 3, 1885 (3 L. D., 296), is being disposed of as other Ute lands under the act of June 15, 1880 (21 Stat. L., 199).

Cantonment on Uncompahgre, a portion of which was subsequently called Fort Crawford, situated in Montrose County, in Ts. 47 and 48 N., Rs. 8 and 9 W. Established by Executive order of March 12, 1884. A portion (2,797.22 acres) relinquished July 22, 1884; the residue, 5,196.03 acres, relinquished December 22, 1890. These tracts were originally within the Ute Reservation, and by departmental decision of January 3, 1885 (3 L. D., 296), are being disposed of as other Ute lands under the act of June 15, 1880 (21 Stat. L., 199). Surveyed. The War Department has reported that there are 33 buildings on the said Fort Crawford Military Reservation, together with board walk, irrigating ditch, and wire fence. These were sold June 5, 1894.

Fort Lewis, situated in La Plata County, in Ts. 34 and 35 N., Rs. 10, 11, and 12 W., New Mexico principal meridian. Established by Executive order of January 27, 1882. By General Orders, No. 89, Headquarters of the Army, Adjutant-General's Office, dated November 12, 1891, the reservation was transferred to the custody and control of the Secretary of the Interior for Indian school purposes under

act of July 31, 1882 (22 Stat. L., 181). By Executive order of February 12, 1895, all of the reservation was relinquished for disposal under the act of July 5, 1884, except sections 33, 34, and 35, T. 35 N., R. 11 W., and what will be when surveyed sections 1, 2, 3, and 4, and those portions of sections 9, 10, 11, and 12 not included in the limits of the Ute Indian Reservation, in T. 34 N., R. 11 W. Partly surveyed. Restored to the public domain by the act of May 19, 1896 (Public—No. 122), and made subject to disposal under the public-land laws of the United States, except so much thereof as may be embraced in sections heretofore reserved for Indian school purposes. (See instructions to register and receiver, Durango, Colo., June 6, 1896.)

Fort Lyon (old), situated in Bent County, in Ts. 22 and 23 S., Rs. 47, 48, and 49 W. Established by Executive order of August 8, 1863. Relinquished July 22, 1884, without improvements. Surveyed. Area, 38,000 acres. Disposed of under the act of October 1, 1890 (26 Stat. L., 561). (See L. D. 13, p. 533.)

Fort Lyon (new), situated in Bent County, in Ts. 22 and 23 S., Rs. 51 and 52 W. Established by Executive order of September 1, 1868. Relinquished November 25, 1889, with 46 buildings, valued at \$46,480. Surveyed. Area, 5,918.90 acres. The lands in this reservation, except subdivisions containing buildings, were made subject to disposal under act of October 1, 1890 (26 Stat. L., 561). Buildings, and lands upon which they are situated, in section 4, T. 23 S., R. 51 W., were granted to Colorado for a soldiers' home by act of February 17, 1897 (29 Stat. L., 531).

Pagosa Springs (formerly Old Fort Lewis), situated in Archuleta County, in T. 35 N., R. 2 W. Established by Executive order of January 28, 1879. Relinquished July 22, 1884, without improvements. Surveyed. Area, 2,240 acres. Disposed of under the act of October 1, 1890 (26 Stat. L., 561).

Pikes Peak Signal Station, situated in El Paso County, in T. 14 S., Rs. 68 and 69 W. Established by Executive order of December 23, 1873. Relinquished January 12, 1889. By the President's second proclamation, dated March 18, 1892, supplementary to that of February 11, 1892, this reservation was ordered to be included in the Pikes Peak timber-land reserve.

Fort Sedgwick (partly in Nebraska), situated in Logan County (Ts. 11 and 12 N., Rs. 45 and 46 W.), and in Cheyenne County, Nebr. (T. 12 N., Rs. 44 and 45 W.). Established by Executive order of June 28, 1869. Relinquished July 22, 1884, without improvements. Surveyed. Area, 40,960 acres. Said reservation is within the granted limits of the Union Pacific Railroad Company, and the said company's rights to the odd-numbered sections having attached prior to the reservation for military purposes were not impaired thereby, but merely placed in abeyance. The even-numbered sections are made subject to disposal under the homestead laws by act of May 14, 1890 (26 Stat. L., 107).

FLORIDA.

Cayo Costa Island (known also as *Boca Grande* and *La Costa*), situated on the west coast of Florida at the entrance of Charlotte Harbor. Executive order of March 3, 1849, reserved this island for military purposes, with two small islands east—Palmetto Key and an unnamed island. On May 18, 1878, the Secretary of War, under authority of the act of August 18, 1856 (11 Stat. L., 87), relinquished from the military reservation all of Cayo Costa Island except north end for a distance of two miles, together with the small islands east and within one mile thereof. By Executive order of June 5, 1893, there were reserved for light-house purposes lot 2, sec. 29, and lots 1 and 2, sec. 32, T. 44 S., R. 21 E., on Cayo Costa Island. Unreserved portions of Cayo Costa Island are embraced in fractional sections 35 and 36, T. 43 S., R. 20 E., and fractional sections 1, 2, 12, 13, T. 44 S., R. 20 E., and fractional sections 6, 7, 8, 17, 18, 19, 20, 29, and 32, T. 44 S., R. 21 E., area, 963.28 acres.

Dragoon Barracks (L. H.), situated in the city of St. Augustine. Area, 1.15 acres. This reservation has been sold.

Fort Brooke, near Tampa, relinquished January 4, 1883, under act of August 18, 1856 (11 Stat. L., 87). Area, 148.11 acres. The decision of the Secretary of the Interior of July 24, 1894 (19 L. D., 48), allows parties therein named to make entries for these lands under the public-land laws.

Fort Clinch, situated on north end of Amelia Island, in fr. sec. 8, T. 3 N., R. 29 E., fr. sec. 11, and lots 1 and 2, sec. 14, T. 3 N., R. 28 E. Established by Executive order of Feb. 9, 1842. Portions of lots 1 and 2, sec. 14, T. 3 N., R. 28 E., described by metes and bounds in letter from Secretary of War, dated Feb. 27, 1897, were placed under control of this Department by Executive order of Mar. 3, 1897. Portions relinquished seem to be embraced in patented claims.

Fort Jupiter comprises the following tracts: E. $\frac{1}{2}$ sec. 21, secs. 22, 23, 24, 25, 26, 27, E. $\frac{1}{2}$ sec. 28, E. $\frac{1}{2}$ sec. 33, secs. 34, 35, and 36, T. 40 S., R. 42 E.; secs. 1, 2, 3, and E. $\frac{1}{2}$

sec. 14, T. 41 S., R. 42 E.; fractional secs. 19, 30, 31, and 32, T. 40 S., R. 43 E., and fractional secs. 5 and 6, T. 41 S., R. 43 E., established by Executive order May 14, 1855. Relinquished March 16, 1880, under act of August 18, 1856, except as to lot 1, sec. 31, T. 40 S., R. 43 E., which was reserved October 22, 1854, for light-house purposes. Area, 9,088.60 acres, of which 87.25 acres were reserved for life-saving purposes by Executive order of April 1, 1885.

Private cash entries for 170.52 acres were inadvertently patented; 500.25 acres were patented to the State as swamp lands, 40 acres are covered by an illegal pre-emption filing which has been held for cancellation, and 2,600.90 acres have been selected by the State as swamp lands, but no examination in the field has been made to determine the character of the lands. There remains 5,680.68 acres free from adverse claim, which have been appraised and are subject to disposal under the provisions of the act of August 23, 1894 (28 Stat. L., 491), as extended by the act of February 15, 1895 (28 Stat. L., 664).

Fort St. Mark's, situated in Wakulla County. Established by Executive order of January 28, 1852. Relinquished September 21, 1892. Surveyed. Subdivided into town lots, appraised, and offered for sale Jan. 6, 1897, at which time 37 lots were sold, leaving 38 lots subject to reoffering.

Old Powder House Lot, situated in the city of St. Augustine. Area, 10.29 acres. This reservation has been sold.

Palmetto Key, embraced in lot 1, sec. 8, T. 44 S., R. 21 E., area 84.42 acres.

St. Augustine (blacksmith's shop lot).—The decision of the Secretary of the Interior of July 20, 1894 (19 L. D., 77), allows the State to locate this lot with swamp indemnity certificate.

St. Augustine (hospital lot).—The decision of the Secretary of the Interior of July 20, 1894 (19 L. D., 77), allows the State to locate this lot with swamp indemnity certificate.

Unnamed island, embraced in lot 1, sec. 20, and lot 2, sec. 17, T. 44 S., R. 21 E., area 98.72 acres.

IDAHO.

Camp Three Forks Owyhee, situated in Owyhee County, probably in T. 8 S., R. 6 W. Established by Executive order April 6, 1860. Relinquished July 22, 1884, without improvements. Not surveyed.

Fort Cœur d'Alene (winter pasturage), situated in Kootenai County, probably in Ts. 50 and 51 N., R. 4 W. Established by Executive order of August 25, 1879. Relinquished April 27, 1886, without improvements. Surveyed. Area, 640 acres. Disposed of in accordance with law.

INDIAN TERRITORY.

Fort Gibson, situated in the Cherokee Nation. It was established by Executive order of January 25, 1870. Relinquished by Executive order December 22, 1890, to the Department for disposal under the act of July 5, 1884, "or as may be otherwise provided by law." Executive order of February 9, 1891, excludes national cemetery at this post from the transfer. By article 3 of the treaty of December 29, 1835 (7 Stat. L., 480), the lands in this reservation revert to the Indians.

KANSAS.

Fort Dodge (remainder), situated in Ford County. Established by Executive order of June 23, 1868. Relinquished January 12, 1885, with 41 structures, valued at \$20,000, if sold with the ground. Surveyed. Area, 14,661 acres. All of this tract except 1,882.89 acres is within the limits of the Osage Indian trust lands, and under date of July 9, 1886, the district officers at Garden City, Kans., were directed to allow entries of said Osage Indian trust lands as provided by act of May 28, 1880 (21 Stat. L., 143), with the exception of tracts upon which buildings erected by the Government for military purposes are located, which latter tracts were found to be lots 3, 5, 6, and 7, sec. 3, T. 27 S., R. 24 W. By act of March 2, 1889 (25 Stat. L., 1012), authority was given to sell and convey to the State of Kansas the said lots, and on June 13, 1889, the same were purchased by the State.

Departmental order of October 23, 1895, directs suspension of action looking to the disposal of the 1,882.89 acres remaining pending proposed legislation.

Fort Hays, situated in Ellis County, in Ts. 13 and 14 S., Rs. 18 and 19 W. Established by Executive order of August 28, 1868. Surveyed. Area, 7,600 acres.

On February 14, 1887, the "Ellis County Agricultural Society of Kansas," in pursuance of the act of June 11, 1884 (23 Stat. L., 40), purchased 90.40 acres, situated in secs. 3, 9, and 10, T. 14 S., R. 18 W., and the remainder was turned

over to this Department October 22, 1889, for disposal under the act of July 5, 1884. Forty buildings valued at \$10,050 and one bridge valued at \$200 were transferred with this reservation.

On request of Hon. E. J. Turner of October 9, 1889, the honorable Secretary of the Interior directed the suspension of action on this reservation to await the action of Congress in regard thereto. In view of the passage of the act of August 23, 1894 (28 Stat. L., 491), the district land officers were advised by telegram dated March 22, 1895, that said lands were withdrawn from settlement and entry to give opportunity for further legislation.

Fort Wallace, situated in Wallace County, Kans., in T. 13 S., Rs. 37, 38, and 39 W. Established by Executive order of August 28, 1868. Relinquished July 22, 1884, with improvements, consisting of barracks, quarters, etc., for one company. Value, \$15,000 if sold with land. Surveyed. Area, 8,926 acres.

By act of October 19, 1888 (25 Stat. L., 612), the following provisions were made for the disposition of this tract, viz:

Section 1 provides that a certain tract be reserved for the town site of Wallace. Entry thereof has been made and patented.

Section 2 authorizes the Union Pacific Railroad Company to purchase a certain tract for machine shops. Entry thereof has been made and patented.

Section 3 authorizes the Wallace Waterworks to purchase a 40-acre tract for its use. This has not been done.

Under date of May 16, 1892, the register of Wakeeney reports that the Wallace Waterworks Company has taken no steps relative to said purchase, as provided for in section 3 of act of October 19, 1888, and he is credibly informed that said company has been disorganized. He further reports that all of the buildings, together with their foundations, have been removed by settlers of Wallace and adjoining counties without any legal authority whatever, and not a dollar's worth of material remains on the ground.

Section 4 grants 40 acres to the town for cemetery purposes.

Section 5 provides for the appraisal and sale of the tract covered by the old Fort Wallace and the buildings thereon. The appraisal has been made, and under date of August 31, 1892, the Secretary of the Interior directed this office to issue instructions for the sale thereof. The sale was held December 23, 1892, but no bids were made.

Section 6 provides that the remainder of said reservation shall be disposed of under the homestead laws only.

LOUISIANA.

Baton Rouge Barracks, situated in the city of Baton Rouge. The date of the reservation does not appear. It was relinquished August 22, 1884, and disposed of under the act of July 12, 1886 (24 Stat. L., 144), except a certain part, which may be used and occupied by the Louisville, New Orleans and Texas Railroad Company. Transfer made July 31, 1886.

Fort Macomb (portion), formerly Fort Wood, situated in T. 11 S., R. 14 E., southeastern division. Established by Executive order of February 9, 1842, which reserved for military purposes "all the public land within 1,200 yards of the fort." Executive order of June 20, 1896, placed under control of the Interior Department "all of that portion of the military reservation of Fort Macomb, La., which lies on the east side of Chef Menteur Pass, as described in Executive order of February 9, 1842." Area unknown.

The ten reservations on the Gulf coast, situated at various points on the coast of Louisiana, appear to have been established by Executive order of March 5, 1844, as follows:

Reservation near the eastern mouth of Bayou Lafourche (area, 720 acres) was relinquished September 23, 1886, without improvements.

Reservation near the western mouth of Bayou Lafourche (area, 700 acres) was relinquished September 23, 1886, without improvements.

Reservation on Bayou Plat (area, 100 acres) was relinquished September 23, 1886, without improvements.

Reservation near the western entrance to Caminada Bay (area, 437.93 acres) was relinquished September 23, 1886, without improvements.

Reservation near the pass at the eastern end of Grand Terre Island (area, 324 acres) was relinquished September 23, 1886, without improvements.

Reservation near the mouth of Quatre Bayou Pass (area, 347.46 acres) was relinquished September 23, 1886, without improvement.

Reservation at Bastian Bay (area, 393.46 acres) was relinquished September 23, 1886, without improvement.

Reservation near Bastian Bay (area, 1,217.35 acres), comprising parts of secs.

22, 23, and 26 and all of secs. 27 and 35, T. 21 S., R. 28 E.; relinquished September 23, 1886, without improvements.

Reservation near Bastian Bay (area, 1,601.82 acres), comprising S. $\frac{1}{2}$ of secs. 4 and 5 and all of secs. 6, 7, and 8, T. 22 S., R. 29 E.; relinquished September 23, 1886, without improvements.

Reservation near Bastian Bay (area, 329.77 acres), comprising parts of secs. 14 and 15 and all of secs. 22, 23, and 24, T. 21 S., R. 27 E.; relinquished September 23, 1886, without improvements.

The foregoing ten Gulf coast reservations are but partly surveyed, and their general description locates them in T. 23 S., R. 22 E.; T. 24 S., R. 22 E.; T. 23 S., R. 23 E.; T. 22 S., R. 24 E.; T. 21 S., R. 25 E., including all of Grand Terre Island; T. 21 S., R. 26 E.; T. 21 S., R. 27 E.; T. 21 S., R. 28 E., and T. 22 S., R. 29 E., all lying west of the Mississippi River.

On May 18, 1878, the Secretary of War reported that none of these tracts were needed for military purposes except so much of Grand Terre Island as the piece of land at western end of said island, which was purchased by the United States, which is occupied by the site of Fort Livingston, and which is required for defensive purposes. Area of Fort Livingston tract is 126.16 acres.

MAINE.

Fort Sullivan, situated in Eastport, Me. Established in 1808.

Relinquished July 22, 1884. The improvements which were on this reservation were sold at public sale August 31, 1883, by order of the honorable Secretary of War.

No survey of this reservation has been made by this office, but the War Department plat of survey shows that it embraces 12.50 acres. Ready for appraisal.

MICHIGAN.

Bois Blanc Island.—By Executive order of November 8, 1827, sections 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 31, 32, 33, and 34 on said island were reserved for the purpose of supplying fuel for the garrison at Fort Mackinac, on the island of Mackinac, Michigan. It was relinquished July 22, 1884, without improvements. Surveyed. Area, 9,729.18 acres. Of this area the following disposition has been made:

885.84 acres patented as private claims; 4,760.10 acres patented to the State as swamp lands, under departmental decision of February 25, 1889 (8 L. D., 309); 674.26 acres patented to the State as school lands, under departmental decision of June 5, 1889 (8 L. D., 560); 405.55 acres have been disposed of by appraisal and sale under the provisions of the act; 378.31 acres patented as homestead entries which had been made under the provisions of the act. Lots 4, 5, and 6, sec. 13; lots 1 and 8, sec. 14; lots 1, 2, 3, 4, 5, 6, and fractional lot 7, sec. 15; lots 1 and 2, sec. 17; lots 5, 6, 7, and 8, sec. 18; lots 5, 6, 7, and 8, sec. 19; lot 5, sec. 20; lots 1, 2, and 3, sec. 21; lots 1, 2, 3, 4, 5, and 6, sec. 33, and lots 2 and 3, sec. 34, comprise the remainder, 2,625.12 acres. Reappraised and advertised to be sold August 18, 1896, at which time 7 lots were sold. Remaining 27 lots are subject to reoffering.

Fort Brady, situated in Chippewa County. Embraces fractional sec. 2, T. 47 N., R. 1 W. Established by Executive order of September 2, 1847. Relinquished by authority of Executive order of November 28, 1894, for disposal under the act of July 5, 1884. Surveyed. Area, 3.50 acres. Has been disposed of.

Fort Wilkins, situated in Keweenaw County. Reservation declared by Executive order of August 19, 1835, embracing lots 2 and 3 of sec. 33, and lot 5 of sec. 34, T. 59 N., R. 28 W., containing 148.35 acres. It was relinquished July 22, 1884, with 19 structures, the value of which is not known. Surveyed. By Executive order of April 19, 1892, lots 2 and 3, sec. 33, T. 59 N., R. 28 W., were reserved for light-house purposes. The remainder (32 acres) advertised for sale July 7, 1896, but not sold for want of bidders.

Detroit Arsenal Grounds, Wayne County, Mich. Transferred to Interior Department under act of March 3, 1875, which provided for the sale and disposal thereof. By act of September 26, 1890, further provisions were made for reappraisal and sale (26 Stat. L., 490), and on June 30 and July 1 and 2, 1891, the lots were all sold except two. On October 8, 1891, lot 31 was sold, leaving lot 19 alone unsold, valued at \$3,250, with building appraised at \$250. Authority for removal of said building was given by the Secretary on November 12, 1891, for the reason that it obstructed a street. This reservation is also known as Fort Dearborn. The act of June 14, 1894, grants this lot and building to the village of Dearborn for public purposes.

MINNESOTA.

Fort Ripley, Minn., relinquished July 2, 1880, under act of April 1, 1880, and 465.54 acres disposed of in accordance therewith. There remain 174.47 acres, on which are Government buildings. Advertised for sale July 7, 1896, but not sold for want of bidders.

MISSISSIPPI.

Cat Island, the reservation, is situated east of the private claim of Juan de Cuivas, and embraces fractional sections 22, 27, 28, 31, 32, 33, 34, T. 9 S., R. 11 W., fractional section 4, and a sand bar in T. 10 S., R. 11 W. Established by Executive order of August 30, 1847. Relinquished, without improvements, October 25, 1895. Surveyed. Area, 1,238 acres.

Greenwood Island, Pascagoula, situated in Jackson County, fractional sec. 19, T. 8 S., R. 5 W. Purchased by the Government August 2, 1848. Relinquished December 18, 1890, act July 5, 1884, without improvements. Area, 100 acres, more or less.

This tract was selected by the State as swamp lands June 20, 1860, but said selection has not been approved.

Horn Island, reservation on, consists of fractional section 31, T. 9 S., R. 5 W., and fractional sections 26, 35, 36, T. 9 S., R. 6 W., and fractional sections 16, 17, 18, 19, 20, and 21, T. 9 S., R. 7 W. Established by Executive order of August 30, 1847. Relinquished, without improvements, October 25, 1895. Surveyed. Area, 1,891.66 acres.

Petit Bois Blanc Island, partly in Alabama. The part in Alabama consists of fractional sections 28, 29, and 32, T. 9 S., R. 3 W.; area, 181.47 acres. The part in Mississippi consists of fractional sections 35 and 36, T. 9 S., R. 5 W., and fractional sections 1, 2, and 3, T. 10 S., R. 5 W.; area, 819.37 acres. Total area of reservation, 1,000.84 acres. Established by Executive order of August 30, 1847. Relinquished, without improvements, October 25, 1895.

Round Island, reservation on, consists of fractional sections 33 and 34, T. 8 S., R. 6 W., and fractional sections 3 and 4, T. 9 S., R. 6 W. Established by Executive order of August 30, 1847. Relinquished, without improvements, October 25, 1895. Surveyed. Area, 109.79 acres.

MISSOURI.

Island in Missouri River, situated in Jackson County, in secs. 28 and 33, T. 50 N., R. 33 W. Established by Executive order of March 10, 1865. Relinquished July 22, 1884. Area, 130.15 acres. No improvements. Surveyed. Appraised and advertised to be sold August 11, 1896, but not sold for want of bidders.

MONTANA.

Fort Buford. (See North Dakota.)

Fort Ellis, situated in Gallatin County, in Ts. 2 and 3 S., R. 6 and 7 E. Established by Executive order February 15, 1868. Enlarged March 1, 1870, and further enlarged by the addition of 16,320 acres November 25, 1873. Relinquished July 26, 1886, with 24 structures, the value of which is unknown. Surveyed. Area, 33,234.66 acres. Under the provisions of the act of February 13, 1891 (26 Stat. L., 747), the State selected for a permanent campground the buildings and one section of land, 640 acres. Under the acts of February 22, 1889 (25 Stat. L., 676), and February 13, 1891 (supra), the State selected 11,531.34 acres, all of which has been approved, except the selection of 1,920 acres for which certain parties attempted to make homestead entries. The matter is now being adjudicated. The remainder, 21,703.27 acres, is ready for disposal under the provisions of said act of February 13, 1891. The land added to the reservation November 25, 1873, is within the granted limits of the Northern Pacific Railroad Company, and the rights of said company, having attached prior to the reservation, were not impaired thereby, but merely held in abeyance. (See 16 L. D., 438).

Fort Maginnis, situated in Fergus County, in Ts. 16 and 17 N., Rs. 20 and 21 E. Established by Executive order of April 8, 1881. Relinquished August 6, 1890, act July 5, 1884, with 48 buildings. Value unknown. Instructions to register and receiver June 18, 1892, to allow homestead entries under act July 5, 1884. Surveyed. Area, 30,909.49 acres. Buildings on NW. $\frac{1}{4}$ sec. 1, T. 16 N., R. 20 E., and SW. $\frac{1}{4}$ of SE. $\frac{1}{4}$ sec. 35, T. 17 N., R. 20 E. Under the provisions of the act of March 2, 1895 (28 Stat. L., 938), the State of Montana has selected 1,275.61 acres of said reservation, including the tracts upon which the buildings are located. The tracts

so selected are as follows: Lots 2, 3, and 4, S. $\frac{1}{2}$ NE. $\frac{1}{4}$, S. $\frac{1}{2}$ NW, $\frac{1}{4}$, SW. $\frac{1}{4}$ and SE. $\frac{1}{4}$ sec. 1; lot 1, SE. $\frac{1}{4}$ NE. $\frac{1}{4}$ and E. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 2, T. 16 N., R. 20 E.; the E. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 34; the NW. $\frac{1}{4}$ NE. $\frac{1}{4}$, S. $\frac{1}{2}$ NE. $\frac{1}{4}$, E. $\frac{1}{2}$ NW, $\frac{1}{4}$, SW. $\frac{1}{4}$ and SE. $\frac{1}{4}$ sec. 35, T. 17 N., R. 20 E. The remainder of the reservation is subject to disposal under the provisions of the act of August 23, 1894 (28 Stat. L., 491).

Fort Assiniboine, post, hay, and coal reserves. These reservations are probably located as follows:

Post, in Ts. 28, 29, 30, 31, and 32 N., Rs. 15 and 16 E.

Hay, in T. 28 N., Rs. 13 and 14 E.

Coal, T. 33 N., Rs. 16 and 17 E.

The reservation was established by Executive order of March 4, 1880, and modified by Executive orders of May 2, 1888, and September 25, 1888. The hay, coal, and part of the post reserves were relinquished October 9, 1891.

The War Department, on April 9, 1892, reported that there were no improvements on the hay and coal reserve. Partially surveyed. Estimated total area, 568,800 acres, of which nearly 300,000 acres were relinquished by Executive orders of 1888, and about 100,160 acres were relinquished October 9, 1891, under act of July 5, 1884.

By the act of April 18, 1896, the relinquished lands, together with lands which might be thereafter excluded from the reservation, were excepted from the operation of laws relating to abandoned military reservations and made subject to disposal under the homestead (except 2301, R. S.), town-site, coal, desert, and mineral land laws, with a certain exception. (See instructions to register and receiver, Helena, Mont., May 18, 1896.)

NEBRASKA.

Camp Sheridan, situated in Sioux County, in T. 33 N., Rs. 46 and 47 W. Established by Executive order of November 14, 1876, and enlarged by Executive orders of April 28, 1879, and December 10, 1879. Relinquished July 23, 1884, without improvements. Surveyed. When relinquished the reservation contained 18,225 acres. By inadvertence of the local officers several filings and entries were allowed upon said reservation, aggregating 7,072.52 acres. These were confirmed by the act of October 12, 1888 (25 Stat. L., 1201). Appraised and subject to disposal under the act of August 23, 1894 (28 Stat. L., 491).

Fort Hartsuff, situated in Valley County. Established by Executive orders of August 17, 1874, and September 16, 1874. Relinquished July 23, 1884, without improvements. Surveyed. Area, 3,251.41 acres. Appraised and 360 acres sold November 5, 1896. Remainder subject to reoffering.

Fort McPherson, situated in Lincoln County, in Ts. 12 and 13 N., R. 28 W. Established by Executive order September 27, 1863; enlarged July 25, 1870, and further enlarged October 11, 1870. On October 13, 1873, a tract of the reserve containing 103.41 acres was set apart for a national cemetery. Relinquished January 5, 1887 (without improvements), except that portion set apart for the national cemetery. Surveyed. Area, 15,865.15 acres. Appraised and subject to disposal under the act of August 23, 1894 (28 Stat. L., 491).

Fort Niobrara (portion), situated in Cherry County. Established by Executive order of December 10, 1879; enlarged June 6, 1881, and modified April 29, 1884. By Executive order of May 7, 1896, the NW. $\frac{1}{4}$ section 29, the NE. $\frac{1}{4}$ and E. $\frac{1}{2}$ SE. $\frac{1}{4}$ section 30, and the E. $\frac{1}{2}$ section 31, T. 34 N., R. 27 W., were placed under the control of the Interior Department for disposal under the act of July 5, 1884. Area, 720 acres.

Fort Randall (part west of Missouri River). See also South Dakota. Situated in Holt County. Established by Executive order of June 14, 1860. Relinquished October 28, 1893. Surveyed. Area, 35,838 acres. The act of March 3, 1893 (27 Stat. L., 555), provides for the survey and for the transfer of the odd sections to the State for school purposes, the even sections and such of the odd sections as are not taken by the State to be subject to homestead entry, to be paid for at the appraised value thereof. Appraised with a view to disposal under said act.

Fort Robinson, established by Executive order of November 14, 1876, placed under control of this Department by Executive order of September 19, 1896, for disposal under act of July 5, 1884, "so much of the military reservation of Fort Robinson, Nebr., as lies east of the line marked for the eastern boundary of said reservation in the survey of the public lands adjacent thereto, and described on the field notes and plats of said survey on file in the office of commissioner of public buildings, Lincoln, Nebraska." The lands thus relinquished have been disposed of.

Fort Sedgwick. (See Colorado.)

Fort Sidney, the post reserve, is in Cheyenne County, and embraces sec. 32, T. 14 N., R. 49 W.; the wood and timber reserve is in Cheyenne and Banner counties and embraces secs. 6 and 18, T. 17 N., R. 52 W., and secs. 12, 14, and 24, T. 17 N., R. 53 W. The former was established by Executive order of May 14, 1874; the latter by Executive order of May 31, 1880. Relinquished for disposal under act of July 5, 1884, by authority of Executive order of November 5, 1894. Surveyed. Total area, 3,835.35. Wood and timber reserve appraised. Action looking to the disposal of post reserve suspended by departmental order of July 11, 1895, pending proposed legislation. Wood and timber reserve offered for sale August 18, 1896, and 120 acres sold. Remainder subject to reoffering.

NEVADA.

Carlin, situated in Elk County, in T. 32 N., R. 52 E. Established by Executive order of November 9, 1874. Relinquished March 2, 1888, without improvements. Surveyed. Area, 920 acres. Disposed of under act of October 1, 1890 (26 Stat. L., 561).

Fort Halleck (post, hay, and timber), situated in Elk County. The post and timber reserves are in Ts. 33 and 34 N., R. 59 E., the hay reserve in Ts. 35 and 36 N., R. 58 E. Established by Executive order of October 4, 1870. Relinquished October 11, 1883, with 26 structures, the value of which is unknown. Surveyed. Area, 10,829.72 acres. Disposed of under the act of October 1, 1890 (26 Stat. L., 561). One of the tracts upon which the buildings are situated, together with buildings thereon, was sold February 2, 1898.

Fort McDermitt (post), situated in Humboldt County, in T. 47 N., Rs. 38 and 39 E. Established by Executive order of September 3, 1867. Relinquished July 17, 1889. The War Department reports that in 1879 there were 25 structures in the reserve. Value unknown. Surveyed. Area, 3,921.38 acres. These lands were made subject to homestead entry under the act of October 1, 1890 (26 Stat. L., 561), but a portion thereof has been allotted to Indians under the general allotment act. Buildings and lands on which situated are under the charge of employee of the Indian Office.

Fort McDermitt (hay), situated part in Humboldt County, in Ts. 47 and 48 N., R. 38 E., and the remainder in Malheur County, Oreg., in T. 41 N., Rs. 42 and 43 E. It was established by Executive order of September 3, 1867. Relinquished December 1, 1886, without improvements. Surveyed. Area, 4,570 acres.

That portion of the reserve lying in Nevada was disposed of under the act of October 1, 1890 (26 Stat. L., 561). That portion in Oregon, about 1,511.73 acres, sold. (See Oregon.) A portion of these lands in Nevada has been allotted to Indians.

NEW MEXICO.

Fort Butler, situated in San Miguel County, in Ts. 12 and 13 N., Rs. 27, 28, and 29 E. Established March 22, 1861. Relinquished July 22, 1884, under act of July 5, 1884, without improvements. Area not known, but mostly within private grants. The portion outside of the said grants contains 3,043.48 acres, of which 32.70 acres are reserved for the use of the schools, leaving 3,010.78 acres subject to appraisal and sale.

Fort Craig, situated in Socorro County, in Ts. 7 and 8 S., Rs. 2 and 3 W. Established by Executive order of September 23, 1869. As established, this reservation embraced an area of 24,895 acres, about half of which is within the private claim of Pedro Armendaris, No. 34, which was patented September 17, 1878, said patent containing a clause reserving to the United States title in the buildings of the late fort which were situated within the limits of said claim. On February 9, 1895, this office suggested to the Department of the Interior that when said reservation has been formally turned over to this Department the case should be presented to the Attorney-General for his examination and opinion as to the rights of the United States in the premises.

The reservation was relinquished March 3, 1885, act July 5, 1884, with 22 buildings, which were sold May 1, 1894. The area of the portion of the reservation outside of the Armendaris claim is shown by the official plats of survey to be 12,114.91 acres, of which 479.60 acres are within a school section and reserved under the school grant. The remainder, 11,635.31 acres, is ready for appraisal and sale. The local officers were instructed May 19, 1893, to allow homestead entries for said remainder under the act of July 5, 1884. The provisions of the act of August 23, 1894 (28 Stat. L., 491), are applicable to this reservation, which has been appraised for disposal thereunder.

Fort Cummings, situated in Grant County, in T. 21 S., Rs. 7 and 8 W. Estab-

lished by Executive order of April 29, 1870. Enlarged November 9, 1880. Relinquished October 7, 1891, act July 5, 1884, with one old fort, two sets of quarters in a ruinous condition and of no value. Surveyed. Area, 23,150 acres. The local officers were instructed, May 19, 1893, to allow homestead entries under the act of July 5, 1884. The act of February 1, 1894, reserves a spring on the reservation for the use of the public, and grants the Rio Grande, Mexico and Pacific Railroad Company the right to use water from said spring to operate the road, under the directions of the Secretary of the Interior. Appraised in accordance with and subject to disposal under the act of August 23, 1894 (28 Stat. L., 491).

Fort McRae, situated in Sierra County, in T. 13 S., R. 3 W. Established by Executive order of May 28, 1869. Relinquished July 22, 1884. Said reservation falls entirely within the patented private-land grant of Armendaris, No. 33.

Fort Marcy, situated in the city of Santa Fe, Santa Fe County. Established by Executive order of August 28, 1868. Relinquished by authority of Executive order of October 7, 1891. Reestablished by Executive order of November 12, 1891. Again relinquished under Executive order of June 15, 1895, for disposal in accordance with the provisions of the act of July 5, 1884. Not surveyed.

Fort Selden, situated in Donna Ana County, in T. 21 S., Rs. 1 E. and 1 W. Established November 28, 1870. Relinquished March 17, 1892, act July 5, 1884. The War Department reports 17 buildings, valued at \$9,095.13, transferred with the reservation. The buildings are situated on the NW. $\frac{1}{4}$ sec. 14, and there is a cemetery on the SW. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 11, T. 21 S., R. 1 W. Surveyed. Area, 9,290.30 acres. The local officers were instructed May 19, 1893, to allow homestead entries under the act of July 5, 1884. The reservation is within the scope of the provisions of the act of August 23, 1894 (28 Stat. L., 491), and has been appraised for disposal thereunder. Buildings dismantled.

Fort Stanton, situated in Lincoln County, on the Rio Bonito, the center being about 9 miles from the town of Placita, on the Rio Hondo. Established by Executive order of May 12, 1859. Reduced by the act of May 21, 1872 (17 Stat. L., 139), to a tract not exceeding 16 square miles. Relinquished December 30, 1895, with 38 buildings. These have been appraised, but action looking to the disposal thereof suspended pending proposed legislation. Land not surveyed. Estimated area, 10,240 acres.

NORTH DAKOTA.

Fort Abraham Lincoln, situated in Morton County, in Ts. 137 and 138 N., Rs. 80 and 81 W. Established by Executive order of February 11, 1873. Enlarged December 17, 1875. Relinquished September 10, 1891, for disposal under act of July 5, 1884, or as may be provided by law. The odd-numbered sections of that portion reserved subsequent to May 26, 1873, the date when the maps of the route of definite location of the Northern Pacific Railroad were filed, being within the limits of the land granted to said road, is subject to said grant. Surveyed. Area, 13,027.59 acres. Subject to disposal under act of August 23, 1894 (28 Stat. L., 491), and appraised for that purpose.

The act (sundry civil) of June 11, 1896 (public—No. 213), grants authority to the city of Bismarck to use Sibley Island, which is a part of this reservation, for a public park, upon lease from the Government through the Interior Department. The lands on this island have been reserved from settlement and entry.

Fort Buford (portion), situated in Billings and Williams counties, in T. 155 N., Rs. 100 and 101 W. Established by Executive order of August 18, 1868. Modified by Executive order of January 17, 1888. Relinquished for disposal under act July 5, 1884, by authority of Executive order of July 20, 1891. Unsurveyed.

Fort Buford (remainder), partly in Montana. On Missouri and Yellowstone rivers. Placed under the control of the Interior Department October 25, 1895. Unsurveyed. Estimated area, 568,720 acres. Report of Secretary of War of December 11, 1895, shows 65 buildings on the land. Lands are subject to disposal only under the act of July 5, 1884. Part of buildings sold.

Fort Pembina, situated in Pembina County, and comprises sections 16, 17, 18, and fractional section 15. T. 163 N., R. 51 W. Established by Executive order of October 4, 1870, and relinquished November 27, 1895. Area, 1,899.08 acres. Thirty-six buildings are on the reservation, part of which have been sold.

Fort Rice, situated in Burleigh, Morton, and Emmons counties, in Ts. 134, 135, 136, 137, 138 N., Rs. 78, 79, and 80 W. Established by Executive order of September 2, 1864. Relinquished July 22, 1884, without improvements. Surveyed. Area, 112,362.87 acres. About 203.76 acres were entered and patented under a former erroneous plat of survey, 13.84 acres embraced are in a pending timber-culture entry, 5,591.71 acres are reserved for the use of schools, and 1,884.96 acres have been entered under the provisions of the act of July 5, 1884. The remainder has

been appraised and is subject to disposal under the provisions of the act of August 23, 1894 (28 Stat. L., 491), except such lands as may be selected by the State of North Dakota under the act of March 2, 1895 (28 Stat. L., 939), which allows the State to select lands in this reservation within one year from the date of the act in part or entire satisfaction of the grant to the State made by the act of February 22, 1889 (25 Stat. L., 681).

Fort Stevenson, situated in Stevens, McLean, and Mercer counties, in T. 147 N., Rs. 84, 85, 86, and 87 W., and T. 148 N.; R. 85 W. Established by Executive order of June 30, 1868. Transferred to control of Interior Department for Indian school purposes August 7, 1883. Relinquished for disposal under the act of July 5, 1884, by authority of Executive order of February 12, 1895. Unsurveyed.

OKLAHOMA.

Council Grove, in Oklahoma County. The reservation embraces the SW. $\frac{1}{4}$ sec. 15, S. $\frac{1}{2}$ secs. 16 and 17, SE. $\frac{1}{4}$ sec. 18, E. $\frac{1}{2}$ sec. 19, all of secs. 20, 21, 28, and 29, W. $\frac{1}{4}$ secs. 22 and 27, E. $\frac{1}{4}$ sec. 30, the NE. $\frac{1}{4}$ sec. 31, the N. $\frac{1}{2}$ secs. 32 and 33, and the NW. $\frac{1}{4}$ sec. 34, T. 12 N., R. 4 W. Established by Executive order of December 26, 1885. Relinquished for disposal under act of July 5, 1884, by authority of Executive order of January 14, 1895. Surveyed. Area, 5,760 acres. Appraised and 1,000 acres sold August 11, 1896. Remainder subject to reoffering.

Oklahoma Station, situated in Oklahoma County. Established by Executive order of April 9, 1889. Relinquished September 28, 1892, for disposal under the act of July 5, 1884, or as may be otherwise provided by law. Surveyed. Area, 160 acres, being the SW. $\frac{1}{4}$ sec. 34, T. 12 N., R. 3 W. The act of August 8, 1894, grants this reservation to the city of Oklahoma for school purposes.

Fort Supply, situated in Woodward County. Embraces all of T. 24 N., R. 22 W., the S. $\frac{1}{2}$ of T. 25 N., R. 22 W., and the SW. $\frac{1}{4}$ of T. 25 N., R. 21 W. Established by Executive order of April 18, 1882. Enlarged by Executive order of January 17, 1883. Relinquished, with improvements, for disposal under act of July 5, 1884, by authority of Executive order of November 5, 1894. Surveyed. Area, 39,356.63 acres.

Departmental order of May 4, 1895, directs that in view of proposed legislation no action be taken looking to the disposal of this reservation. Said order vacated by order of October 29, 1897, which directed that disposal be proceeded with.

OREGON.

Fort Klamath (post and hay reserves), situated in Klamath County, in T. 33 S., R. 7 $\frac{1}{2}$ E. Established April 6, 1869. Relinquished May 4, 1886. The greater part of the post reserve is within the Klamath Indian Reservation and reverts to said Indians. The buildings on said lands were, by order of the Department, on September 14, 1891, turned over to the Indian Bureau for disposal for the benefit of the Indians.

About 120 acres of the hay reserve are in the said Indian reservation and revert to the Indians.

The act of March 31, 1896 (29 Stat., 84), opens to the operation of the homestead law all lands in the hay reserve not included in the Indian reservation, the disposal, however, to be made in tracts not exceeding 80 acres to any one bona fide settler. Hay reserve under contract for survey.

Fort McDermitt (military hay reservation—portion in Humboldt County, Nev.), situated in Malheur County. Established by Executive order of September 3, 1867. Relinquished without improvements December 1, 1886, for disposal under act of July 5, 1884. By act of October 1, 1890 (26 Stat. L., 561), the agricultural lands in this reservation lying within the State of Nevada were made subject to disposal for homestead entries only. The area of said portion lying in Oregon is 1,511.75 acres, and said portion was sold at public outcry on March 2, 1898.

SOUTH DAKOTA.

Fort Randall (part east of the Missouri River), situated in Charles Mix County, in Ts. 96 and 97 N., Rs. 66, 67, and 68 W. Established June 14, 1860. Relinquished July 22, 1884, without improvements. Disposed of under the act of October 1, 1890 (26 Stat. L., 646).

Fort Randall (part west of Missouri River—see also Nebraska), situated in Gregory County. Established by Executive order of June 14, 1860. Relinquished October 20, 1893, with 50 buildings. Surveyed. Area, 64,479.05 acres. The State of South Dakota having refused to make selections under the provisions of the act of March 3, 1893 (27 Stat., 593), the lands in this portion of the reservation have

been appraised and are held subject to disposal under the act of August 23, 1894 (28 Stat., 491).

Fort Sisseton, formerly Fort Wadsworth, situated in Marshall County, in Ts. 124, 125, 126, and 127 N., Rs. 55 and 56 W. Established by Executive orders of October 14, 1867, and February 7, 1871. Relinquished April 22, 1889, with improvements. The reservation and buildings were granted to the State by the act of October 1, 1890 (26 Stat. L., 646). Surveyed area, 79,400 acres.

Fort Sully, situated in Sully and Hughes counties, in T. 112 N., R. 80 W., T. 113 N., Rs. 80 and 81 W., and T. 114 N., R. 81 W. Established by Executive order of December 10, 1869. Modified by Executive order of January 17, 1877. Relinquished for disposal under act of July 5, 1884, by authority of Executive order of November 5, 1894. Under contract for survey.

The act of May 28, 1896 (29 Stat. L., 189), provides that the lands in this reservation may be selected by the State, within one year after its passage or after the approval of the survey, as part of the lands granted to the State under the act of admission, and for indemnity school lands: provided, that the State shall have a preference right over any person or corporation in selecting said lands for a period of 60 days after they become subject to selection; and provided further, that such preference right shall not accrue as against bona fide settlers at the date of the act.

TEXAS.

Block 108, located in the city of Houston, Tex. Area, 1.35 acres. Relinquished January 16, 1891, for disposal under act of July 5, 1884. Act of March 1, 1889 (25 Stat. L., 781), provides, however, that said lot shall be disposed of by the Secretary of the Treasury.

Fort Elliott, situated in Wheeler County. Date of establishment does not appear. Relinquished October 2, 1890, with 38 buildings, valued at \$32,320. Surveyed by the State of Texas. Area, 2,560 acres.

Fort Hancock, situated in El Paso County, on the Rio Grande, 54 miles southwest of El Paso. War Department on October 8, 1895, reported that the property was acquired by purchases made April 14 and August 31, 1883. Relinquished October 25, 1895, with 38 buildings. Area, 469.2 acres. Not surveyed by the Land Department.

UTAH.

Fort Cameron, formerly Beaver Canyon, in T. 29 S., R. 7 W. Established May 12, 1873. Enlarged by President's orders of April 13, 1877, and November 10, 1879. Relinquished July 2, 1885, under act of July 5, 1884. No improvements. Surveyed. Area, 22,820.74 acres. Subject to disposal under act of August 23, 1894 (28 Stat. L., 491).

Fort Douglass. Established September 3, 1867. A portion of, comprising 151.81 acres, disposed of under act of January 21, 1885, authorizing its relinquishment.

Fort Crittenden, formerly Camp Floyd, in Ts. 4, 5, 6, 7, and 8 S., R. 2 W., and Ts. 5, 6, 7, and 8 S., R. 3 W. Established July 14, 1859. Relinquished July 22, 1884, for disposal under act of July 5, 1884. Area, 173,664.68 acres. No improvements. Surveyed. Local officers instructed December 12, 1892, to allow homestead entries under act of July 5, 1884. Subject to disposal under the provisions of the act of August 23, 1894 (28 Stat. L., 491).

Rush Lake Valley, in Ts. 4 and 5 S., R. 5 W. Established February 4, 1855. Relinquished July 22, 1884. Area, 5,131.47 acres. No improvements. Surveyed. Local officers instructed November 7, 1893, to allow homestead entries under act of July 5, 1884. Subject to disposal under the provisions of the act of August 23, 1894 (28 Stat. L., 491).

Fort Thornburg (post, wood, and timber) in T. 3 S., R. 20 E., and T. 4 S., R. 21 E. Established by Executive order May 12, 1883. Relinquished July 22, 1884, act July 5, 1884. Offer of \$500 for improvements referred to Interior Department. Under contract for survey. Estimated area, 21,851 acres. Subject to disposal under the provisions of the act of August 23, 1894 (28 Stat. L., 491).

WASHINGTON.

Fort Walla Walla, in Ts. 7 and 8 N., R. 35 E., and T. 7 N., R. 36 E., was established by Executive order May 22, 1859, and originally consisted of three tracts, post, hay, and timber reserves, containing about 640 acres each. On October 7, 1869, the War Department relinquished the hay and wood reserve. The act of April 29, 1872, provided for disposal of the N. $\frac{1}{4}$ sec. 26, T. 8 N., R. 35 E., to John C.

Smith. Act of June 8, 1872 (17 Stat. L., 336), provided for sale of Fort Walla Walla, and subdivision into 40-acre tracts, or town lots.

On July 16, 1872, the Secretary of War transferred the post reserve to Interior Department for disposal in accordance with the acts of Congress approved February 24, 1871, but on July 17, 1873, asked for suspension of steps looking to the disposal thereof. On August 2, 1873, the War Department resumed occupancy, and on August 7, 1873, the Secretary of the Interior consented to a postponement of the sale. On October 26, 1875, all the timber and part of the hay reserve, viz, the N. $\frac{1}{4}$ sec. 26, granted to Smith by act of April 29, 1872, were again transferred by the War Department to the Interior. On May 3, 1880, the remainder of the hay reserve and lot 5, sec. 25, T. 7 N., R. 35 E., and lots 7, 8, and 9, sec. 30, T. 7 N., R. 36 E., embraced in the post reserve, were relinquished by the War Department.

The act of March 22, 1876 (19 Stat. L., 417), granted the timber reserve to the widow and heirs of James Sinclair.

On June 13, 1881, an appraisal of the lots was made, but the same was not approved. A reappraisal was made October 10, 1888, and was transmitted to the Interior Department June 15, 1889. Area, 539.31 acres; value, \$8,550.78. On February 23, 1892, this office made a report on Senate bill No. 1140 for the relief of John C. Smith and others, which failed to become a law. On May 20, 1892, the register and receiver reported favorably on the appraisal, and on June 10, 1892, reported that the records of the local office do not show the compliance of John C. Smith with the requirements of act of April 29, 1872. Said reports of May 20 and June 10, 1892, were transmitted to the Secretary of the Interior on July 9, 1892, with a recommendation that the sale of these lands be postponed pending action on the Senate bill above mentioned.

Fort Colville (post and wood reserves), situated in Stevens County, in Ts. 35 and 36 N., R. 39 E. Established by Executive order of January 27, 1871. Relinquished February 26, 1887, with quarters for 5 officers and 4 companies, 1 hospital, and 2 storehouses. Value unknown. Surveyed. Area, 1,045.41 acres. Four hundred and thirty-two and thirty-five one-hundredths acres sold at public outcry February 9, 1898. Residue subject to reoffering.

Fort Steilacoom, situated in Pierce County, in Ts. 19 and 20 N., R. 2 E. Established April 18, 1861. Relinquished July 22, 1884, with improvements, which were donated to "Washington Territory" prior to the transfer. Surveyed. Original area, 289 acres, all of which has been disposed of except 112.48 acres, which were offered for sale February 1, 1898, but were not sold for want of bidders.

Reservation on the west side of narrows of Puget Sound, at south side of entrance to Gig Harbor, in Pierce County, embracing the E. $\frac{1}{2}$ NE. $\frac{1}{4}$ and E. $\frac{1}{2}$ SE. $\frac{1}{4}$ sec. 7, the NW. $\frac{1}{4}$ NW. $\frac{1}{4}$, S. $\frac{1}{2}$ NW. $\frac{1}{4}$, SW. $\frac{1}{4}$, and lots 2, 3, 4, and 5. sec. 8, T. 21 N., R. 2 E. Established by Executive order of September 22, 1866. Relinquished for disposal under act of July 5, 1884, by authority of Executive order of October 18, 1894. Surveyed. Area, 582.10 acres.

Reservation on the west side of narrows of Puget Sound, in Pierce County, embracing lots 3 and 4, SW. $\frac{1}{4}$ SE. $\frac{1}{4}$, and SW. $\frac{1}{4}$ sec. 21, lots 1, 2, and 3, W. $\frac{1}{2}$ NE. $\frac{1}{4}$, NW. $\frac{1}{4}$, and NE. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 28, T. 21 N., R. 2 E. Established by Executive order of September 22, 1866. Relinquished for disposal under act of July 5, 1884, by authority of Executive order of October 18, 1894. Surveyed. Area, 637.20 acres.

Reservation on the west side of narrows of Puget Sound, south of Point Evans, in Pierce County, and described as S. $\frac{1}{2}$ and fractional S. $\frac{1}{4}$ of N. $\frac{1}{2}$ sec. 32, lot 3 and part lot 2, sec. 33; lots 4, 5, part of lot 3, and NE. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 31, T. 21 N., R. 2 E.; lots 1 and 2, sec. 5, and lot 3, sec. 6, T. 20 N., R. 2 E. Established by Executive order of September 22, 1866. Relinquished for disposal under act of July 5, 1884, by authority of Executive order of October 18, 1894. Surveyed, but further action necessary to define northern boundary, which crosses subdivisions, so that the portions of such subdivisions within the reservation may be indicated on the township plat. Estimated area, 635 acres.

Reservation on the north side of Gig Harbor, at narrows of Puget Sound, in Pierce County, embracing lots 1, 2, 3, and NW. $\frac{1}{4}$ NW. $\frac{1}{4}$ sec. 4; lots 2, 3, 4, 5, 6, NE. $\frac{1}{4}$ and NE. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 5; lot 1, sec. 8, T. 21 N., R. 2 E.; SE. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 32, and lot 4 and SW. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 33, T. 22 N., R. 2 E. Established by Executive order of June 9, 1868. Relinquished for disposal under the act of July 5, 1884, by authority of Executive order of October 18, 1894. Surveyed. Area, 633.33 acres.

Sucia Island, situated, approximately, in T. 38 N., R. 2 W. Executive order of March 4, 1896, reserved the island for military purposes, except part needed for light-house. Executive order of December 12, 1896, transferred that part of the military reservation embraced in mineral application No. 97 of Simon P. Randolph (mineral survey No. 314) to this Department for disposal under act of July 5, 1884. (See 23 L. D., 516.)

WYOMING.

Fort Bridger, remainder, situated in Uinta County, in Ts. 15 and 16 N., R. 115 W. Relocated by authority of the act of February 24, 1871 (16 Stat. L., 430). Relinquished October 2, 1890, with 51 buildings, valued at \$27,735. Surveyed. Area, 10,941.06 acres. The buildings and lands have been appraised, and the buildings were sold at public sale September 14, 1892. Subject to disposal under the act of August 23, 1894 (28 Stat. L., 491).

Fort Bridger, coal reserve, situated in Uinta County, comprising lots 9, 10, 11, sec. 35, T. 14 N., R. 119 W. Established April 6, 1859. Relinquished July 22, 1885, without improvements. Surveyed. Area, 99.17 acres. Ready for appraisal.

Fort Fetterman, hay reserve, situated in Albany County, in Ts. 32, 33, and 34 N., Rs. 75, 76, and 77 W. Established by Executive order of August 29, 1872. Relinquished July 22, 1884, without improvements. Surveyed. Area, 2,620.91 acres, of which 12.59 acres have been disposed of under the coal-land laws; 182.84 acres have been entered under the provisions of the act of July 5, 1884, and 4.12 acres are reserved for the use of schools. The remainder was made subject to disposal under the homestead laws by the act of December 22, 1892 (27 Stat. L., 408).

Fort Fetterman, post reserve, situated in Albany County, in Ts. 32 and 33 N., Rs. 71, 72, and 73 W. Established June 28, 1869. Relinquished July 22, 1884. Surveyed. Area, 36,495.65 acres. Disposed of under the act of July 10, 1890 (26 Stat. L., 227).

Fort Fetterman, new wood reserve, situated in Albany County, in Ts. 28 and 29 N., R. 71 W. Established February 9, 1877. Relinquished July 22, 1884, without improvements. Surveyed. Area, 1,262.76 acres. Made subject to disposal under the homestead laws by the act of December 22, 1892 (27 Stat. L., 408).

Fort Fetterman, old wood reserve, situated in Albany County, in T. 32 N., Rs. 74 and 75 W. Established August 29, 1872. Relinquished July 22, 1884, without improvements. Surveyed. Area, 4,685.39 acres. Made subject to disposal under the homestead law by the act of December 22, 1892 (27 Stat. L., 408).

Fort Fred Steele, post reserve, situated in Carbon County, in Ts. 20 and 21 N., Rs. 84 and 85 W. Established June 28, 1869. Relinquished August 9, 1886, with 34 buildings. Surveyed. Area, 22,269.65 acres. The land, except the cemetery lot, is subject to disposal under the act of July 10, 1890 (26 Stat. L., 227). The buildings have been appraised and were sold June 7, 1892, except five, and the amount realized is \$1,316.50. The remaining buildings were sold February 25, 1893, for \$127.10.

Fort Fred Steele, wood reserve, situated in Carbon County, in Ts. 16 and 17 N., Rs. 80 and 81 W. Established November 9, 1880. Relinquished August 9, 1886, without improvements. Partially surveyed. Surveyed portion, 1,283.64 acres, ready for appraisal.

Fort McKinney (portion), situated in Johnson County, in Ts. 50 and 51 N., R. 82 W. Established July 2, 1879; enlarged February 2, 1880. By Executive order of January 9, 1889, the eastern boundary of said reservation was withdrawn one-fourth mile westward. Surveyed. Area, 680.30 acres, of which 357.56 acres have been granted to the city of Buffalo, Wyo., by the act of June 17, 1890 (26 Stat. L., 158). The remainder is ready for appraisal.

Fort McKinney (remainder), situated in Johnson County, in Ts. 50 and 51 N., Rs. 82, 83, and 84 W. Established by Executive order of July 2, 1879. Enlarged by Executive order of February 2, 1880. Relinquished, with improvements, for disposal under act of July 5, 1884, by authority of Executive order of November 5, 1894. Under contract for survey.

By the act of March 2, 1895 (28 Stat. L., 938), not to exceed two sections of land, including buildings, in this reservation are granted to the State of Wyoming, the lands to be selected by the governor.

Depot McKinney, situated in Johnson County, in secs. 8, 9, 16, and 17, T. 44 N., R. 78 W. Established by Executive order of July 2, 1879. Relinquished for disposal under the act of July 5, 1884, by authority of Executive order of December 5, 1894. Unsurveyed.

Fort Laramie, post, situated in Laramie County, in Ts. 25 and 26 N., Rs. 64 and 65 W. Established June 28, 1869. Relinquished May 28, 1890, with one set of quarters, two wagon bridges, one footbridge, and flagstaff. Value unknown. Surveyed. Area, 33,415.24 acres. Lands to be disposed of under the act of July 10, 1890 (26 Stat. L., 227). The buildings have not been appraised. The act of June 14, 1894, donates to the county of Laramie, for the use of the public and the military authorities of the United States, the bridges on said reservation, and reserves from sale and entry the grounds upon which said bridges are located and sufficient land for their protection and for approaches thereto.

Fort Laramie (wood and timber reserve), situated in Albany County, in Ts. 24 and 25 N., Rs. 70 and 71 W. Established by Executive order of February 9, 1881. Placed under control of this Department by Executive order October 29, 1897. Not surveyed. Estimated area, 39,680 acres.

Fort Sanders, situated in Albany County, in Ts. 14 and 15 N., Rs. 73 and 74 W. Established January 7, 1867. Relinquished September 6, 1884, without improvements. Act of May 28, 1888 (25 Stat. L., 158), grants 640 acres to the State for the establishment of a fish hatchery. Surveyed. Area, 19,428.03 acres. Disposed of by the act of July 10, 1890 (26 Stat. L., 227).

DISTRICT LAND OFFICES.

CHANGE OF BOUNDARY BETWEEN THE HELENA AND FLATHEAD DISTRICTS—DISCONTINUANCE OF THE GRAYLING, MICH., OFFICE, AND TRANSFER OF RECORDS AND BUSINESS TO THE MARQUETTE OFFICE—LIST OF OFFICES EXISTING JULY 1, 1898.

No. 983.—Notice of the change of boundary line between the Helena and the Flathead land districts, in the State of Montana.

Notice is hereby given that the President of the United States, by Executive order dated January 10, 1898, has, in accordance with the provisions of section 2253 of the Revised Statutes of the United States, directed that the existing limits of the Helena land district and of the Flathead land district in the State of Montana be changed and reestablished by the transfer from the Helena land district to the Flathead land district of all that portion of the State of Montana bounded and described as follows:

Beginning at the northeast corner of T. 27 N., R. 15 W.; thence east to the northeast corner of T. 27 N., R. 11 W.; thence in a northerly direction to the point of intersection of a line run due south from the summit of Heart Butte with the main channel of Birch Creek; thence, along the line established as the eastern boundary of the Blackfeet cession, to the intersection of said established eastern line of the Blackfeet ceded lands with the range line between Rs. 14 and 15 W. of Montana principal meridian, when projected.

Notice will be given by the officers of the Flathead land district by posting of notice in their office at Kalispell, of this change of boundary between said land districts, and that all of the Blackfeet ceded lands will be subject to location and entry, under the mineral laws of the United States only, immediately upon the receipt at their office of the approved plats of survey of said lands.

Given under my hand at the city of Washington this 13th day of January, A. D. 1898.

By the President:

BINGER HERMANN,
Commissioner of the General Land Office.

No. 984.—Notice of the discontinuance of the United States land office at Grayling, in the State of Michigan, and the transfer of its records and business to the land office at Marquette, Mich.

Notice is hereby given that the President of the United States, by Executive order dated the 29th day of April, 1898, has, pursuant to the provisions of sections 2250 and 2252 of the Revised Statutes of the United States, directed that the land office for the disposal of the public lands now located at Grayling, in the State of Michigan, be discontinued, and the records and business thereof transferred to and consolidated with the land office now located at Marquette in said State.

Further notice of the precise time when this order will be carried into effect will be given by the register and receiver at Grayling, by publication.

Given under my hand at the city of Washington this 10th day of May, A. D. 1898.

By the President:

BINGER HERMANN,
Commissioner of the General Land Office.

List of United States district land offices, June 30, 1898.

Name of office.	State or Territory.	Date of act or Executive order authorizing the establishment.	Date of opening. <i>a</i>
Huntsville	Alabama	Mar. 3, 1807	July 27, 1810
Montgomery	do	July 10, 1832	b Jan. 1, 1834
Circle	Alaska	June 8, 1898	Not opened.
Nulato (Yukon district)	do	do	do
Sitka	do	May 17, 1884	Feb. 1, 1885
Prescott	Arizona	Nov. 3, 1868	Oct. 1, 1870
Tucson	do	Apr. 22, 1881	July 1, 1881
Camden	Arkansas	Jan. 10, 1871	Mar. 20, 1871
Dardanelle	do	July 14, 1870	May 31, 1871
Harrison	do	do	Feb. 27, 1871
Little Rock	do	Feb. 17, 1818	Sept. 1, 1821
Humboldt (Eureka post-office)	California	Mar. 29, 1858	July 24, 1858
Independence	do	Apr. 22, 1886	Mar. 22, 1887
Los Angeles	do	June 12, 1869	Sept. 22, 1869
Marysville	do	Mar. 3, 1853	Apr. 27, 1858
Redding	do	May 13, 1890	July 15, 1890
Sacramento	do	July 26, 1866	Nov. 12, 1867
San Francisco	do	Jan. 16, 1857	Nov. 3, 1857
Stockton	do	Mar. 29, 1858	July 1, 1858
Susanville	do	Feb. 10, 1871	Mar. 2, 1871
Visalia	do	Mar. 29, 1858	July 10, 1858
Akron	Colorado	Feb. 6, 1890	Aug. 1, 1890
Del Norte	do	June 20, 1874	Mar. 22, 1875
Denver	do	June 4, 1864	Aug. 15, 1864
Durango	do	Apr. 20, 1882	Oct. 2, 1882
Glenwood Springs	do	July 3, 1884	Nov. 10, 1884
Gunnison	do	Oct. 20, 1882	Apr. 2, 1883
Hugo	do	Feb. 6, 1890	Sept. 7, 1890
Lamar	do	Aug. 4, 1886	Jan. 3, 1887
Leadville	do	Apr. 5, 1879	July 1, 1879
Montrose	do	Jan. 4, 1888	Sept. 1, 1888
Pueblo	do	May 27, 1870	Jan. 16, 1871
Sterling	do	Feb. 6, 1890	Aug. 1, 1890
Gainesville	Florida	June 8, 1872	Apr. 30, 1873
Blackfoot	Idaho	Sept. 3, 1886	Nov. 16, 1886
Boise	do	July 26, 1866	Jan. 13, 1868
Cœur d'Alene	do	July 14, 1884	Dec. 21, 1885
Hailey	do	Jan. 24, 1883	July 16, 1883
Lewiston	do	July 26, 1866	Sept. 26, 1871
Des Moines	Iowa	Aug. 2, 1852	Jan. 23, 1853
Colby	Kansas	Dec. 20, 1893	Feb. 5, 1894
Dodge City	do	do	Feb. 3, 1894
Topeka	do	July 24, 1861	Sept. 10, 1861
Wakeeney	do	July 8, 1879	Oct. 20, 1879
Natchitoches	Louisiana	July 7, 1838	Oct. 12, 1838
New Orleans	do	Mar. 3, 1811	b Jan. 1, 1812
Marquette	Michigan	Mar. 19, 1857	July 14, 1857
Crookston	Minnesota	Apr. 29, 1878	May 5, 1879
Duluth	do	Mar. 27, 1862	Jan. 15, 1863
Marshall	do	Feb. 21, 1889	Mar. 1, 1889
St. Cloud	do	Feb. 23, 1858	Apr. 29, 1858
Jackson	Mississippi	June 23, 1836	July 25, 1836
Boonville	Missouri	May 18, 1857	Aug. 1, 1857
Ironton	do	May 20, 1861	July 8, 1861
Springfield	do	June 26, 1834	Oct. 4, 1838
Bozeman	Montana	June 20, 1874	Oct. 5, 1874
Helena	do	Mar. 2, 1867	Apr. 27, 1867
Kalispell (Flathead district)	do	Mar. 2, 1897	July 1, 1897
Lewistown (Judith district)	do	Apr. 1, 1890	Nov. 26, 1890
Miles City	do	Apr. 30, 1880	Oct. 19, 1880
Missoula	do	Apr. 1, 1890	Apr. 20, 1891
Alliance	Nebraska	Apr. 16, 1890	July 1, 1890
Brokenbow	do	do	July 7, 1890
Lincoln	do	July 7, 1868	Sept. 7, 1868
McCook	do	June 19, 1882	June 15, 1883
North Platte	do	Apr. 22, 1872	Apr. 11, 1873
O'Neill	do	Apr. 7, 1888	July 16, 1888
Sidney	do	May 3, 1886	July 2, 1887
Valentine	do	June 19, 1882	July 7, 1883
Carson City	Nevada	July 2, 1862	Mar. 1, 1864
Clayton	New Mexico	Dec. 18, 1888	Aug. 12, 1889
Las Cruces	do	Mar. 10, 1883	May 1, 1883
Roswell	do	Mar. 1, 1889	Dec. 9, 1889
Santa Fe	do	May 24, 1858	Nov. 24, 1858
Bismarek	North Dakota	Apr. 24, 1874	Oct. 12, 1874
Devils Lake	do	Mar. 3, 1883	Aug. 24, 1883

a Where date of opening is not known date of first entry made at the office is given. *b* About.

List of United States district land offices, June 30, 1898—Continued.

Name of office.	State or Territory.	Date of act or Executive order authorizing the establishment.	Date of opening. ^a
Fargo	North Dakota	Dec. 29, 1873	Sept. 1, 1874
Grand Forks	do	Jan 21, 1880	Apr. 20, 1880
Minot	do	Sept. 26, 1890	Oct. 1, 1891
Alva	Oklahoma	Aug. 25, 1893	Sept. 16, 1893
Enid	do	do	Do.
Guthrie	do	Mar. 3, 1889	Apr. 22, 1889
Kingfisher	do	do	Apr. 23, 1889
Mangum	do	Jan. 18, 1897	June 24, 1897
Oklahoma	do	May 2, 1890	Sept. 1, 1890
Perry	do	Aug. 25, 1893	Sept. 16, 1893
Woodward	do	do	Do.
Lagrande	Oregon	July 3, 1886	Nov. 15, 1867
Lakeview	do	June 6, 1877	Aug. 6, 1877
Oregon City	do	Aug. 24, 1854	Jan. 1, 1855
Burns	do	June 1, 1889	Sept. 2, 1889
Roseburg	do	Sept. 15, 1859	Jan. 3, 1860
The Dalles	do	Jan. 11, 1875	June 1, 1875
Aberdeen	South Dakota	Mar. 23, 1882	Oct. 2, 1882
Chamberlain	do	Feb. 10, 1890	Apr. 3, 1890
Huron	do	Mar. 23, 1882	Oct. 9, 1882
Mitchell	do	July 14, 1880	Jan. 3, 1882
Pierre	do	Feb. 10, 1890	May 12, 1890
Rapid City	do	Dec. 13, 1888	Jan. 15, 1889
Watertown	do	Apr. 5, 1879	May 1, 1880
Salt Lake City	Utah	July 16, 1868	Nov. 1, 1868
North Yakima	Washington	Apr. 11, 1885	Apr. 24, 1885
Olympia	do	May 16, 1890	Oct. 1, 1890
Seattle	do	June 27, 1887	Dec. 3, 1887
Spokane	do	June 23, 1883	Oct. 1, 1883
Vancouver	do	May 16, 1860	July 3, 1861
Walla Walla	do	Mar. 3, 1871	July 17, 1871
Waterville	do	May 16, 1890	Nov. 6, 1890
Ashland	Wisconsin	Sept. 28, 1886	Nov. 13, 1886
Eau Claire	do	Mar. 3, 1857	July 1, 1857
Wausau	do	June 19, 1872	Aug. 19, 1872
Buffalo	Wyoming	Mar. 3, 1887	May 1, 1888
Cheyenne	do	Feb. 5, 1870	Aug. 10, 1870
Douglas	do	Apr. 23, 1890	Nov. 1, 1890
Evanston	do	Aug. 9, 1876	Aug. 13, 1877
Lander	do	Apr. 23, 1890	Nov. 8, 1890
Sundance	do	Apr. 3, 1890	Oct. 27, 1890

^a Where date of opening is not known date of first entry made at the office is given.

NOTE.—By act of July 31, 1876, the land offices in Ohio, Indiana, and Illinois were abolished; and by act of March 3, 1877, the vacant tracts of public land in Ohio, Indiana, and Illinois are made subject to entry and location at the General Land Office, Washington, D. C.

VACANT PUBLIC LANDS IN THE UNITED STATES.

The following tables are based on reports furnished by the district land offices and are arranged to show, by States, Territories, land districts, and counties, the area of unappropriated and unreserved public lands, surveyed and unsurveyed; the area of lands reserved; the area of lands appropriated, and the total area of each county, or part of county, in the respective land districts; to which is added a brief description of the character of the vacant lands.

The areas in the column of reserved lands include all lands reserved for any purpose whatsoever which may be eventually restored to the public domain, and those in the column of appropriated lands include all lands embraced in selections, filings, and entries, perfected and unperfected, and also the area of lands granted for school purposes.

The quantity of appropriated lands does not show an increase over the quantity reported for the preceding year to the extent of the lands entered during the fiscal year covered by this report, because the areas

embraced in entries, filings, or selections which have been canceled for any reason decreases the quantity of appropriated lands. If the area relieved from appropriation by cancellation of entries, filings, or selections should exceed the area entered, selected, or filed upon, there would be a decrease in the area of appropriated lands and a corresponding increase in the area of vacant lands.

While the figures contained in the tables may not be absolutely correct, owing to liability to error in a work of such magnitude and to the necessity of making estimates of unsurveyed lands, it is believed that they are a close approximation of the actual areas. The statement is intended to inform correspondents and the general public as to whether there is much, little, or no public land in the several land States and Territories and the land districts therein, and in particular counties or localities.

It will be borne in mind that the greater portion of the vacant land is in the timbered regions of the Southern States, the lake region, the Pacific coast, and the mountainous and arid regions of the far West, and that the portion of lands cultivable without clearing or irrigation is comparatively small. It is a reasonable conclusion, however, that the vast bodies of arid lands will in time be reclaimed by irrigation as the result of the efforts of the Government to construct storage basins and ditches for the purpose, seconded, as undoubtedly it will be, by private enterprise.

In naming the land districts in the following statement the names of the present offices are adopted as the names of the districts, for the reason that districts are thus named and known by settlers, and because it would be inconvenient to give the statutory names of the different districts created by Congress in addition to the names of the offices.

Statement, by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated and unreserved on July 1, 1898, the area reserved, the area appropriated, and the total area of each county (excluding water areas), together with a brief description of the character of the unappropriated and unreserved land.

ALABAMA.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
Huntsville	Blount	2,458		2,458		478,542	481,000	Mountainous.
	Calhoun	240				9,760	10,000	Hilly, diversity of soil.
	Cherokee	2,709		2,709		355,291	358,000	Mountainous.
	Colbert	3,364		3,364		370,636	374,000	Do.
	Cullman	642		642		388,358	389,000	Do.
	Dekalb	2,078		2,078		508,922	511,000	Do.
	Etowah	200				336,400	336,600	Do.
	Fayette	11,125		11,125		17,875	129,000	Do.
	Franklin	16,390		16,390		372,610	389,000	Do.
	Jackson	24,388		24,388		701,612	726,000	Do.
	Jefferson	402		402		43,598	44,000	Do.
	Lamar	2,811		2,811		174,189	177,000	Do.
	Lauderdale	18,318		18,318		431,682	450,000	Barren.
	Lawrence	31,180		31,180		463,820	495,000	Mountainous.
	Limestone	1,723		1,723		379,277	381,000	Barren.
	Madison	16,809		16,809		503,191	520,000	Do.
	Marion	36,847		36,847		434,153	471,000	Mountainous.
	Marshall	6,824		6,824		364,176	371,000	Do.
	Morgan	3,146		3,146		391,854	395,000	Do.
	St. Clair	561		561		161,439	162,000	Do.
Walker	10,140		10,140		308,860	319,000	Do.	
Winston	68,438		68,438		334,562	403,000	Do.	
	Total	260,793		260,793		7,630,807	7,891,600	
Montgomery	Autauga	200		200		386,800	387,000	Pine lands, hilly.
	Baldwin	56,040		56,040		929,960	986,000	Marshy pine lands.
	Barbour	320		320		582,680	583,000	Agricultural lands, hilly.
	Bibb	1,900		1,900	880	397,220	400,000	Mountainous.
	Bullock	120		120		376,880	377,000	Pine lands, sandy soil.
	Butler	680		680		503,320	504,000	Pine lands, hilly, sandy.
	Calhoun	1,800		1,800	1,440	392,760	396,000	Hilly, diversity of soil.
	Chambers					374,000	374,000	No vacant public land.
	Chilton	3,240		3,240		464,760	468,000	Pine lands, sandy.
	Choctaw	29,040		29,040		553,960	583,000	Timbered, sandy soil.
	Clarke	7,440		7,440		768,560	776,000	Pine and agricultural.

Statement, by States, Territories, and land districts, a d counties where practicable, showing area of land unappropriated, etc.—Cont'd.

ALABAMA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Montgomery— Continued.	Clay.....	5,160	.....	5,160	.....	400,840	406,000	Hilly and broken, mountainous.
	Cleburne.....	12,440	.....	12,440	.....	345,560	358,000	Do.
	Coffee.....	760	.....	760	.....	429,240	430,000	Timbered, level, sandy.
	Conecuh.....	160	.....	160	.....	515,840	516,000	Oak, hickory, pine lands, sandy loam.
	Coosa.....	11,680	.....	11,680	.....	404,320	416,000	Uneven, sandy soil.
	Covington.....	11,560	.....	11,560	.....	653,440	665,000	Level, sandy.
	Crenshaw.....	920	.....	920	.....	387,080	388,000	Hilly, sandy.
	Dale.....	1,200	.....	1,200	.....	404,800	406,000	Pine lands, level, sandy.
	Dallas.....	.....	.....	.....	.....	622,000	622,000	No vacant public land.
	Elmore.....	200	.....	200	.....	393,800	394,000	Pine lands, varied soil.
	Escambia.....	6,120	.....	6,120	.....	605,880	612,000	Pine lands, light, sandy.
	Etowah.....	.....	.....	.....	.....	400	400	No vacant public land.
	Fayette.....	6,160	.....	6,160	16,560	256,280	279,000	Mountainous, hilly.
	Geneva.....	2,120	.....	2,120	.....	415,880	418,000	Pine lands, light, sandy.
	Greene.....	400	.....	400	.....	407,600	408,000	.....
	Hale.....	600	.....	600	.....	407,400	408,000	Hilly, broken, sandy.
	Henry.....	1,680	.....	1,680	.....	617,320	619,000	Broken, sandy soil.
	Jefferson.....	7,320	.....	7,320	560	659,120	667,000	Rocky and mountainous.
	Lamar.....	600	.....	600	.....	201,400	202,000	Hilly, red loam.
	Lee.....	.....	.....	.....	.....	405,000	405,000	No vacant public land.
	Lowndes.....	.....	.....	.....	.....	458,000	458,000	Do.
	Macon.....	200	.....	200	.....	380,800	381,000	Hilly, sandy soil.
	Marengo.....	2,040	.....	2,040	.....	607,960	610,000	Pine lands, level, sandy.
	Mobile.....	26,560	.....	26,560	.....	776,440	803,000	Flat, sandy, part marshy.
	Monroe.....	4,960	.....	4,960	.....	669,040	674,000	Broken, hilly, sandy.
	Montgomery.....	.....	.....	.....	.....	510,000	510,000	No vacant public land.
	Perry.....	840	.....	840	.....	479,160	480,000	Hilly pine lands.
	Pickens.....	3,840	.....	3,840	.....	554,160	558,000	Pine lands, hilly, sandy.
	Pike.....	440	.....	440	.....	445,560	446,000	Hilly, broken, sandy soil.
	Randolph.....	1,680	.....	1,680	.....	366,320	368,000	Mountainous, hilly, rocky.
	Russell.....	280	.....	280	.....	411,720	412,000	Pine lands, undulating.
	St. Clair.....	2,560	.....	2,560	200	251,240	254,000	Mountainous, hilly; varied soil.
Shelby.....	6,480	.....	6,480	640	507,880	515,000	Hilly, rough; varied soil.	
Sumter.....	760	.....	760	.....	577,240	578,000	Undulating; soil sandy and red.	
Talladega.....	5,200	.....	5,200	.....	463,800	469,000	Mountainous, hilly; varied soil.	
Tallapoosa.....	1,200	.....	1,200	.....	484,800	486,000	Hilly; red and gray sandy soil.	
Tuscaloosa.....	5,400	.....	5,400	54,920	797,680	858,000	Hilly, broken; diversified soil.	

Walker	600	600	11,040	178,360	190,000	Do.
Washington	27,680	27,680	-----	651,320	679,000	Pine lands, rolling.
Wilcox	1,000	1,000	-----	583,000	584,000	Uneven pine lands, sandy.
Total	261,580	261,580	86,240	24,418,580	24,766,400	
Total in Alabama.....	522,373	522,373	86,240	32,049,387	32,658,000	

ARIZONA.

Prescott	Apache	1,424,269	788,877	2,213,146	3,849,399	1,220,455	6,923,000	Mountainous, arid; grazing and timber lands.
	Coconino.....	1,231,634	9,280,220	10,511,854	2,023,748	694,398	13,230,000	Do.
	Gila	41,513	1,295,600	1,337,113	378,127	2,760	1,718,000	Arid and broken.
	Maricopa	154,013	1,217,732	1,371,745	40	3,215	1,375,000	Arid, grazing, broken.
	Mohave	984,099	5,725,054	6,709,153	383,990	42,857	7,136,000	Do.
	Navajo.....	1,408,585	788,000	2,196,385	3,103,320	1,010,295	6,310,000	Do.
	Yavapai.....	831,634	3,897,968	4,729,602	35,550	491,848	5,257,000	Do.
	Yuma	-----	1,193,900	1,193,900	201,600	-----	1,395,500	Do.
	Total	6,075,547	24,187,351	30,262,898	9,615,774	3,465,828	43,344,500	
Tucson.....	Apache	21,206	18,009	39,215	204,980	2,805	247,000	Mountainous.
	Cochise	1,352,789	2,239,445	3,592,234	135,077	254,689	3,982,000	Mountainous and grazing lands.
	Gila	41,971	391,930	433,901	745,807	31,792	1,211,500	Do.
	Graham	785,044	2,017,084	2,802,128	1,090,000	245,872	4,138,000	Mountainous, grazing, and arid lands.
	Maricopa	1,144,294	2,682,686	3,826,980	193,000	659,020	4,679,000	Arid and grazing land.
	Navajo.....	-----	-----	70,000	-----	-----	70,000	No vacant public land.
	Pima	1,080,932	4,985,992	6,066,974	197,414	449,612	6,714,000	Mountainous, arid, and grazing lands.
	Pinal	811,302	2,046,315	2,857,617	375,970	240,913	3,474,500	Arid and grazing lands.
	Yuma	617,685	3,869,391	4,487,076	110,000	334,924	4,932,000	Arid, grazing and mountainous lands.
	Total	5,855,273	18,250,852	24,106,125	3,122,248	2,219,627	29,448,000	
	Total in Arizona.....	11,930,820	42,438,203	54,379,023	12,738,022	5,685,455	72,792,500	

ARKANSAS.

Camden.....	Ashley	3,729	-----	3,729	-----	387,271	391,000	Swampy.
	Bradley	21,719	-----	21,719	-----	396,281	418,000	Do.
	Calhoun	3,563	-----	3,563	-----	400,437	404,000	Do.
	Clark	15,513	-----	15,513	-----	544,487	560,000	Broken.
	Cleveland.....	3,190	-----	3,190	-----	77,810	81,000	Swampy.
	Columbia.....	-----	-----	-----	-----	528,000	528,000	No vacant public land.
	Dallas	-----	-----	-----	-----	7,500	7,500	Do.
	Drew	-----	-----	-----	-----	322,000	322,000	Do.
	Garland.....	52,644	-----	52,644	1,920	246,436	301,000	Mountainous.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

ARKANSAS—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
Camden—Cont'd.	Hempstead					467,000	467,000	No vacant public land.
	Hot Spring	25,581		25,581		197,919	223,500	Mountainous.
	Howard	97,084		97,084		287,916	385,000	Very broken.
	Lafayette					361,500	301,500	No vacant public land.
	Little River					359,500	359,500	Do
	Miller	1,461		1,461		392,539	394,000	Swampy.
	Montgomery	138,853		138,853		371,147	510,000	Mountainous.
	Nevada					401,000	401,000	No vacant public land.
	Ouachita	6,007		6,007		474,993	481,000	Timber.
	Pike	105,226		105,226		284,274	389,500	Mountainous.
	Polk	211,640		211,640		321,860	533,500	Do.
	Saline	5,440		5,440		6,560	12,000	Do.
	Scott	22,200		22,200		300	22,500	Very mountainous.
	Sevier	9,113		9,113		338,887	348,000	Swampy.
	Union	13,161		13,161		661,839	675,000	Flat and swampy.
		Total	736,124		736,124	1,920	7,777,453	8,515,500
Dardanelle	Conway	12,710		12,710		18,790	31,500	The land in this district is timbered, agricultural land, hilly and well watered. Some rocks upon it. No prairie land.
	Crawford	25,259		25,259		347,741	373,000	
	Franklin	26,472		26,472		357,528	384,000	
	Garland	62,980		62,980		21,020	84,000	
	Johnson	91,975		91,975		333,025	425,000	
	Logan	49,420		49,420		381,580	431,000	
	Montgomery	59,785		59,785		7,715	67,500	
	Perry	132,882		132,882		88,118	221,000	
	Polk	1,800		1,800		4,200	6,000	
	Pope	133,598		133,598		382,402	518,000	
	Saline	52,040		52,040		16,960	69,000	
	Scott	287,134		287,134		325,866	613,000	
	Sebastian	25,496		25,496		314,504	340,000	
	Yell	173,627		173,627		434,873	608,500	
	Total	1,135,178		1,135,178		3,034,322	4,169,500	
Harrison	Baxter	105,718		105,718		270,782	376,500	Productive; mountainous, timbered, and mineral.
	Benton	44,390		44,390		522,610	567,000	Do.

Little Rock

Boone	33,690	33,690	356,310	390,000	Do.
Carroll	50,410	50,410	363,090	413,500	Do.
Franklin	600	600	14,400	15,000	Do.
Fulton	36,300	36,300	182,700	219,000	Do.
Independence	3,542	3,542	22,458	26,000	Do.
Izard	42,550	42,550	245,950	288,500	Do.
Madison	84,385	84,385	457,615	542,000	Do.
Marion	113,500	113,500	293,500	407,000	Do.
Newton	276,306	276,306	249,694	526,000	Do.
Searcy	179,250	179,250	238,250	417,500	Do.
Stone	196,190	196,190	190,810	387,000	Do.
Vanburen	27,810	27,810	18,190	46,000	Do.
Washington	30,390	30,390	589,610	620,000	Do.
Total	1,225,031	1,225,031	4,015,969	5,241,000	
Arkansas	580	580	649,920	650,500	Mostly grazing lands.
Ashley			199,000	199,000	No vacant public land.
Chicot	2,836	2,836	394,164	397,000	Swampy, timbered.
Clark			25,000	2,500	No vacant public land.
Clay	494	494	390,006	390,500	Broken, timbered.
Cleburne	92,703	92,703	308,297	401,000	Mountainous, timbered.
Cleveland	789	789	294,711	295,500	Broken, timbered.
Conway	9,903	9,903	312,097	322,000	Do.
Craighead	562	562	433,438	434,000	Do.
Crittenden	480	480	408,020	408,500	Swampy.
Cross	753	753	388,247	389,000	Partly broken, partly swampy.
Dallas	7,495	7,495	420,505	428,000	Level, sandy, broken.
Desha	1,996	1,996	479,504	481,500	Swampy, timbered.
Drew	1,285	1,285	202,715	204,000	Do.
Faulkner	6,099	6,099	409,401	415,500	Broken, timbered.
Fulton	29,914	29,914	150,086	180,000	Do.
Garland	1,602	1,602	15,898	17,500	Do.
Grant	3,670	3,670	399,830	403,500	Level, timbered.
Greene	952	952	381,548	382,500	Broken, timbered.
Hot Spring	3,501	3,501	173,499	177,000	Do.
Independence	38,319	38,319	415,681	454,000	Do.
Izard	5,966	5,966	68,064	74,000	Do.
Jackson	157	157	409,343	409,500	Swampy, timbered.
Jefferson	449	449	559,551	560,000	Level, timbered.
Lawrence	5,438	5,438	374,562	380,000	Broken, timbered.
Lee	600	600	382,400	383,000	Swampy, timbered.
Lincoln	4,180	4,180	348,320	352,500	Do.
Lonoke	365	365	505,135	505,500	Grazing.
Mississippi	1,043	1,043	516,957	518,000	Swampy, timbered.
Monroe	1,558	1,558	387,942	389,500	Do.
Perry	16,420	16,420	123,080	139,500	Broken, timbered.
Phillips			445,000	445,000	No vacant public land.
Poinsett			448,000	448,000	Do.
Pope			15,000	15,000	Do.
Prairie	480	480	420,020	420,500	Grazing.
Pulaski	16,450	16,450	465,550	482,000	Broken, timbered.

ARKANSAS—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Little Rock—Continued.	Randolph	<i>Acres.</i> 32,593	<i>Acres.</i>	<i>Acres.</i> 32,593	<i>Acres.</i>	<i>Acres.</i> 391,407	<i>Acres</i> 424,000	Broken, timbered.
	St. Francis	68	-----	68	-----	393,432	393,500	Swampy, timbered.
	Saline	43,949	-----	43,949	-----	362,551	406,500	Broken, timbered.
	Sharp	73,086	-----	73,086	-----	319,414	392,500	Do.
	Van Buren	184,640	-----	184,640	-----	225,860	410,500	Do.
	White	6,800	-----	6,800	-----	656,700	663,500	Do.
	Woodruff	2,482	-----	2,482	-----	369,518	372,000	Swampy, timbered.
	Total	600,657	-----	600,657	-----	15,016,843	15,617,500	
	Total in Arkansas	3,696,990	-----	3,696,990	1,920	29,844,590	33,543,500	

CALIFORNIA.

Humboldt	Del Norte	436,924	52,982	489,906	14	184,504	674,424	Very rough, broken, and mountainous; timber, grazing, and mineral land. Mountainous; grazing and timber land; some mineral. Mountainous; timber and grazing land. Do. Very mountainous; timber, grazing, and mineral land. Mountainous; grazing, timber, and mineral land.
	Humboldt	556,260	94,266	650,526	114,899	1,501,373	2,266,798	
	Mendocino	44,209	6,580	50,789	4,057	39,624	94,470	
	Shasta	2,480	-----	2,480	-----	640	3,120	
	Siskiyou	1,009,098	61,321	1,070,419	-----	68,974	1,139,393	
	Trinity	1,004,466	45,294	1,049,760	-----	160,618	1,210,378	
	Total	3,053,437	260,443	3,313,880	118,970	1,955,733	5,388,583	
Independence	Alpine	22,273	-----	22,273	-----	3,727	26,000	Mountainous, grazing. No vacant public land. Arid, agricultural, and mountainous. Arid, mountainous, grazing. No vacant public land. Do. Arid, grazing, and agricultural.
	Fresno	-----	-----	-----	772,000	-----	782,000	
	Inyo	3,336,120	2,387,380	5,723,500	560,000	228,500	6,512,000	
	Kern	802,264	92,000	894,264	461,000	152,736	1,508,000	
	Madera	-----	-----	-----	104,000	-----	104,000	
	Mariposa	-----	-----	-----	146,500	500	147,000	
	Mono	778,520	208,000	986,520	115,000	274,480	1,376,000	

	San Bernardino	3,278,326	922,614	4,200,940	60	4,201,000	Arid.
	Tulare			756,000	6,000	762,000	No vacant public land.
	Tuolumne		54,000	54,000		240,000	Mountainous, grazing.
	Total	8,217,503	3,663,994	11,881,497	3,100,500	676,003	15,658,000
Los Angeles	Kern	209,710	16,221	225,931	322,490	562,579	1,111,000
	Los Angeles	660,471	297,467	957,938	551,220	1,294,342	2,743,500
	Orange	24,592	2,421	27,013	54,111	389,876	471,000
	Riverside	1,961,574	695,979	2,657,553	1,409,280	597,167	4,664,000
	San Bernardino	2,253,385	1,092,131	3,345,516	4,352,182	682,802	8,380,500
	San Diego	2,836,713	651,822	3,488,535	660,243	1,246,222	5,395,000
	Santa Barbara	167,563	55,455	223,018	26,646	177,336	427,000
	Ventura	19,659	49,293	68,952	353,872	412,676	835,500
	Total	8,133,667	2,860,789	10,994,456	7,730,044	5,303,000	24,027,500
Marysville	Butte	98,615	16,256	114,871		910,129	1,025,000
	Colusa	40,644	1,490	42,134		595,366	637,500
	Glenn	81,883	960	82,843		603,157	686,000
	Lake	9,239		9,239		9,261	18,500
	Napa	16,481	664	17,145		82,855	100,000
	Nevada	12,737	11,760	24,497		41,503	66,000
	Placer					11,000	11,000
	Plumas	295,767	106,714	402,481		54,519	457,000
	Sierra	27,361		61,561		12,439	74,000
	Solano					28,000	28,000
	Sutter	1,380	630	2,010		376,990	379,000
	Tehama	78,881	4,075	82,956		461,044	544,000
	Yolo	41,538	880	42,418		516,582	559,000
	Yuba	68,661		68,661		328,339	397,000
	Total	773,187	177,629	950,816		4,031,184	4,982,000
Redding	Butte	2,840		2,840		2,160	5,000
	Modoc	98,310	32,436	130,746		36,254	167,000
	Plumas	2,500		2,500		2,500	5,000
	Shasta	870,197	61,834	932,031	63,448	1,710,521	2,706,000
	Siskiyou	1,069,559	169,864	1,239,423	47,374	1,523,203	2,810,000
	Tehama	351,628	19,398	371,026		568,974	940,000
	Trinity	382,797	8,119	390,916		47,730	766,000
	Total	2,777,831	291,651	3,069,482	158,552	4,170,966	7,399,000
Sacramento	Alpine	96,730	96,662	193,392	98,040	41,568	333,000
	Amador	99,838	12,629	112,467	42,641	234,892	390,000
	Calaveras	123,142	24,280	147,422	38,940	255,638	442,000
	Contra Costa				5,960	13,040	19,000
	Eldorado	328,700	72,110	400,810	207,818	466,372	1,075,000
	Mono	10,000	4,380	14,380	1,120		15,500
	Nevada	92,335	15,060	107,395	294,180	171,425	573,000
	Placer	91,672	25,114	116,786	490,990	311,224	919,000

CALIFORNIA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Sacramento—Continued.	Plumas	15,180		15,180		8,820	24,000	Grazing and timber.
	Sacramento	12,185		12,185	110,665	440,150	563,000	Farming and mineral.
	San Joaquin				1,150	8,850	10,000	No vacant public land.
	Sierra	197,876	32,533	230,409	70,242	38,849	339,500	Grazing, mineral, and timber.
	Solano	2,970		2,970	7,160	36,870	47,000	Agricultural.
	Sutter	16,498		16,498	8,858	16,644	42,000	Farming.
	Tuolumne	44,155	16,390	60,545	218,606	40,849	320,000	Timber, grazing, and mineral.
	Yolo	9,000		9,000	1,920	38,080	49,000	Farming.
	Yuba	850		850	6,620	3,080	10,500	Grazing and timber.
	Total	1,141,131	299,158	1,440,289	1,604,910	2,126,301	5,171,500	
San Francisco	Alameda	4,210		4,210		498,790	503,000	Mountain land.
	Colusa	3,431	8,500	11,931		64,069	76,000	Do.
	Contra Costa					437,000	437,000	No vacant public land.
	Fresno	83,762	2,560	86,322		74,678	161,000	Mountain land.
	Glenn	117,661		117,661		8,339	126,000	Do.
	Kern	55,664	14,447	70,111	42,120	65,769	178,000	Do.
	Lake	7,840		7,840		2,160	10,000	Do.
	Marin	389,921		389,921		442,079	832,000	Do.
	Mendocino		123,646	727,150	43,615	338,000	338,000	No vacant public land.
	Merced	603,504		57,550		1,465,235	2,236,000	Mountain land.
	Monterey	57,550		75,450		75,450	133,000	Do.
	Napa	995,018	3,994	999,012		1,111,988	2,111,000	Do.
	Sacramento	88,639	11,520	100,159		299,841	400,000	Do.
	San Benito					5,000	5,000	No vacant public land.
	San Francisco	368,827	5,115	373,942		481,058	855,000	Mountain land.
	San Joaquin					32,000	32,000	No vacant public land.
	San Luis Obispo	24,140		24,140		158,860	183,000	Mountain land.
	San Mateo	612,010	5,703	617,713	924	1,500,363	2,119,000	Do.
	Santa Barbara		1,563	41,787	604,327	288,000	288,000	No vacant public land.
	Santa Clara	40,224	5,482	41,829	1,945	692,886	1,339,000	Mountain land.
Santa Cruz	36,347				810,226	854,000	Do.	
Solano	82,412		82,412		275,000	275,000	No vacant public land.	
Sonoma	127,229	24,157	151,386		357,588	440,000	Mountain land.	
Stanislaus	29,701	5,737	35,438		864,614	1,016,000	Do.	
Tehama	124,781	800	125,581		48,562	84,000	Do.	
					13,419	139,000	Do.	

	Trinity	9,000		9,000			9,000	Do.
	Ventura	24,880		24,880	217,651	51,469	294,000	Do.
	Yolo					47,000	47,000	No vacant public land.
	Total	3,886,751	213,224	4,099,975	910,582	10,509,443	15,520,000	
Stockton	Amador					16,000	16,000	No vacant public land.
	Calaveras	10,048	1,320	11,368		240,632	252,000	Hilly; farming, grazing, and mining.
	Fresno	192,686	23,714	216,400	320,000	205,600	742,000	Do.
	Madera	256,991	19,234	276,225	256,970	598,805	1,132,000	Hilly; grazing, farming, and timber.
	Mariposa	119,949	12,632	132,581	302,523	461,846	897,000	Mountainous; mining, farming, grazing, timber, and stone.
	Merced	12,908		12,908		1,096,092	1,109,000	Rolling foothills; farming and grazing.
	Sacramento					68,000	68,000	No vacant public land.
	San Joaquin					730,000	730,000	Do.
	Santa Clara					2,500	2,500	Do.
	Stanislaus	33,956		33,956		776,044	810,000	Foothills; farming and grazing.
Tuolumne	147,020	15,059	162,079	843,225	452,696	958,000	Hilly, mountainous; mining, farming, grazing, timber, and stone.	
	Total	773,558	72,009	845,567	1,222,718	4,648,215	6,716,500	
Susanville	Lassen	2,411,479	54,753	2,466,232		518,768	2,985,000	Timber, desert, grazing, and mineral.
	Modoc	1,654,030	127,615	1,781,645	61,064	421,291	2,264,000	Timber, desert, grazing, and farming.
	Plumas	764,934	64,524	829,458	640	400,902	1,231,000	Mountainous; timber, mineral.
	Shasta	11,000		11,000		11,000	11,000	Mountainous.
	Sierra	58,806		58,806	66,013	49,181	174,000	Timber, desert, grazing, mountainous, and mineral.
	Tehama	3,640	7,520	11,160		840	12,000	Mountainous.
	Total	4,903,889	254,412	5,158,301	127,717	1,390,982	6,677,000	
Visalia	Fresno	239,909	11,840	251,749	51,140	1,929,111	2,232,000	Mountainous; grazing, timber.
	Kern	226,530	72,990	299,490	276,948	1,864,562	2,441,000	Arid plains and mountainous.
	Kings	32,676		32,676		623,324	656,000	Mountainous, arid plains.
	Madera					40,000	40,000	No vacant public land.
	Merced	6,880		6,880		9,120	16,000	Mountainous; grazing.
	Monterey	2,840		2,840		160	3,000	Do.
	San Benito	13,600		13,600		9,400	23,000	Do.
	San Luis Obispo	30,960		30,960		40	31,000	Do.
	Tulare	58,085	52,480	110,565	887,089	1,381,346	2,379,000	Arid plains and mountainous, timber.
		Total	611,480	137,280	748,760	1,215,177	5,857,063	7,821,000
	Total in California	34,272,434	8,230,589	42,503,023	16,189,170	40,668,890	99,361,083	

COLORADO.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Akron	Arapahoe	Acres. 627,948	Acres.	Acres. 627,948	Acres.	Acres. 1,042,052	Acres. 1,670,000	} Prairie, agricultural, and grazing lands.
	Morgan	105,560		105,560		72,940	178,500	
	Washington	136,014		136,014		417,986	554,000	
	Yuma	222,989		222,989		392,011	615,000	
	Total	1,092,511		1,092,511		1,924,989	3,017,500	
Del Norte	Archuleta				110,000		110,000	No vacant public land. Mountainous, mineral. Agricultural, farming, and mountainous. Mountainous, prairie, and farming. Valley and farming. Mountainous and farming. Agricultural and mineral. Farming and mountainous. Agricultural. Agricultural and mineral. Do. Do. Agricultural.
	Chaffee	14,000		14,000			14,000	
	Conejos	387,843	186,000	573,843		273,157	847,000	
	Costilla	65,383	287,000	352,383	612,000	117,617	1,082,000	
	Custer	32,000		32,000			32,000	
	Fremont	12,000		12,000			12,000	
	Hinsdale	104,000	46,000	150,000		14,000	164,000	
	Huerfano	27,832		27,832		168	28,000	
	Las Animas		2,000	2,000	30,000		32,000	
	Mineral	281,515	86,800	368,315		43,685	412,000	
	Rio Grande	463,517		463,517		347,483	811,000	
	Saguache	903,573	50,220	953,793	97,000	224,207	1,275,000	
	San Juan	12,000		12,000			12,000	
Total	2,303,663	658,020	2,961,683	849,000	1,020,317	4,831,000		
Denver	Arapahoe	339,866		339,866		1,041,134	1,381,000	Agricultural and grazing. Mountainous. Do. Arid, grazing, broken. Mountainous, grazing. Agricultural and grazing. Mountainous and grazing. Mountainous, grazing, and agricultural. Do. Do. Grazing and agricultural. Mountainous, grazing.
	Boulder	273,511		273,511		231,489	505,000	
	Clear Creek	118,851	69,100	187,951		60,049	248,000	
	Douglas	2,590		2,590	163,500		381,410	
	Eagle	133,881		133,881	85,700		247,000	
	Elbert	202,618		202,618		777,382	980,000	
	Gilpin	28,725	46,000	74,725		15,275	90,000	
	Grand	707,961	46,000	753,961	227,000	194,039	1,175,000	
	Jefferson	191,508		191,508		309,992	501,500	
	Larimer	1,716,004	175,000	1,891,004		810,996	2,702,000	
	Morgan	257,555		257,555		152,445	410,000	
	Routt	94,400		94,400		9,600	104,000	

	Summit.....	137,010		137,010		117,990	255,000	Mountainous. Agricultural and grazing.
	Weld.....	735,899		735,899		1,315,601	2,051,500	
	Total.....	4,940,379	336,100	5,276,479	476,200	5,444,821	11,197,500	
Durango.....	Archuleta.....	290,968	85,000	375,968	282,000	56,032	714,000	Broken, arid, agricultural, and mineral.
	Dolores.....	439,084	115,000	554,084		26,416	580,500	Mountainous, agricultural, and mineral.
	Hinsdale.....	95,880	100,000	195,880		2,120	198,000	Mountainous and grazing.
	La Plata.....	573,726		573,726	495,000	130,274	1,199,000	Grazing, agricultural, and mineral.
	Mineral.....	156,680		156,680		320	157,000	Mountainous and grazing.
	Montezuma.....	759,870	46,000	805,870	392,000	143,130	1,341,000	Grazing, agricultural, and mineral.
	Ouray.....	3,900		3,900		2,100	6,000	Mountainous and mineral.
	Rio Grande.....	2,990		2,990		10	3,000	Do.
	San Juan.....	249,009		249,009		21,991	271,000	Do.
	San Miguel.....	44,895		44,895		6,105	51,000	Mountainous, mineral, and agricultural.
	Total.....	2,617,002	346,000	2,963,002	1,169,000	388,498	4,520,500	
Glenwood Springs	Delta.....				87,000		87,000	No vacant public land.
	Eagle.....	339,893	220,908	560,801		47,199	608,000	Grazing and mineral.
	Garfield.....	845,136	370,440	1,215,576	570,240	177,184	1,963,000	Farming, grazing, mountainous.
	Gunnison.....	29,965	58,929	88,894	23,040	16,066	128,000	Mountainous, mineral.
	Larimer.....	24,000		24,000			24,000	Mountainous.
	Mesa.....	216,518	44,880	261,398	221,340	42,262	525,000	Farming, grazing.
	Pitkin.....	32,375	373,094	405,469	51,914	64,617	522,000	Grazing and mineral.
	Rio Blanco.....	1,308,954	225,434	1,534,388	460,800	64,812	2,060,000	Farming and grazing.
	Routt.....	3,834,032	83,250	3,917,282	205,000	280,218	4,402,500	Farming, grazing, coal, placer.
		Total.....	6,630,873	1,376,935	8,007,808	1,619,334	692,358	10,319,500
Gunnison.....	Chauffee.....	19,963		19,963		3,037	23,000	Mountainous, rich in mineral.
	Delta.....	5,080		5,080		2,920	8,000	Mountainous, grazing lands.
	Gunnison.....	1,052,473	448,293	1,500,766	46,080	328,154	1,875,000	Mountainous, coal, mineral, farming, grazing.
	Hinsdale.....	250,073	24,425	274,498		7,502	282,000	Mountainous and mineral, timber.
	Mineral.....	21,000	21,000			500	21,500	Do.
	Montros.....	22,860	61,000	83,860		17,140	101,000	Mesa land or table-land, grazing, arid.
	Ouray.....	8,800		8,800		200	9,000	Mountainous, mineral.
	Rio Grande.....	1,500		1,500			1,500	Mountainous, timber.
	Saguache.....	411,800		411,800		22,200	434,000	Farming, grazing, mineral, timber.
		Total.....	1,793,549	533,718	2,327,267	46,080	381,653	2,755,000
Hugo.....	Cheyenne.....	314,978		314,978	511,880	91,142	918,000	} Land in this district is grazing, farming, and arid.
	Kit Carson.....	722,047		722,047	556,959	119,994	1,399,000	
	Lincoln.....	556,496		556,496		597,504	1,154,000	
	Total.....	1,593,521		1,593,521	1,068,839	808,640	3,471,000	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

COLORADO—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.		
		Surveyed.	Unsurveyed.	Total.						
Lamar	Baca	Acres. 1,089,260	Acres.	Acres. 1,089,260	Acres. 1,000	Acres. 522,740	Acres. 1,623,000	Undulating prairie, grazing, and farming. Undulating prairie and valley land. Prairie, grazing land. Undulating prairie, grazing. Broken, hilly, grazing land. Level prairie, grazing land. Prairie and valley farming land.		
	Bent	419,110		419,110	4,960	383,930	808,000			
	Cheyenne	178,040		178,040		41,960	220,000			
	Kiowa	568,435		568,435	2,040	435,525	1,006,000			
	Las Animas	308,500		308,500		39,500	348,000			
	Lincoln	40,040		40,040		3,960	44,000			
	Prowers	508,885		508,885		522,115	1,031,000			
	Total	3,122,270		3,122,270	8,000	1,949,730	5,080,000			
	Leadville	Chaffee	617,919		617,919	1,600	131,481		751,000	Mineral and agricultural. Mineral. Agricultural and mineral. Agricultural. Mineral Agricultural. Mineral. Mineral and agricultural. Mineral. Agricultural. Mineral.
		Eagle	55,139	114,212	169,351		14,649		184,000	
El Paso		30,211		30,211		21,789	52,000			
Fremont		18,340		18,340		2,160	20,500			
Gunnison			7,360	7,360		640	8,000			
Jefferson		6,845		6,845	23,900	8,255	39,000			
Lake		105,630	57,905	163,535	1,820	68,645	234,000			
Park		530,524		530,524	452,000	349,476	1,332,000			
Pitkin			97,436	97,436		8,564	106,000			
Saguache		960		960		40	1,000			
Summit		94,782	28,272	123,054		25,946	149,000			
Total	1,460,350	305,185	1,765,535	479,320	631,645	2,876,500				
Montrose	Delta	456,679	56,963	513,642	92,160	74,198	680,000	Coal, agricultural, grazing. Mineral, grazing, arid. Mineral, mountainous. Coal farming, and mineral. Do. Agricultural, rich mineral, grazing. Do.		
	Dolores	37,540	40,320	77,860		3,640	81,500			
	Hinsdale	6,300		6,000			6,000			
	Mesa	902,143	443,579	1,345,722	48,000	128,278	1,522,000			
	Montrose	1,017,520	193,546	1,211,066		188,434	1,399,500			
	Ouray	244,878		244,878		24,622	269,500			
	San Miguel	612,763	138,240	751,003		31,497	782,500			
	Total	3,277,523	872,648	4,150,171	140,160	450,669	4,741,000			
Pueblo	Bent	67,662		67,662		99,838	167,500	Agricultural and grazing. Mountainous.		
	Chaffee	150		150			150			

	Costilla	26,123	-----	26,123	-----	8,877	35,000	Do.
	Custer	137,653	-----	137,653	56,000	231,347	425,000	Mountainous and grazing.
	Elbert	178,239	-----	178,239	-----	26,761	205,000	Agricultural and grazing.
	El Paso	278,784	1,500	280,284	180,480	1,180,236	1,641,000	One-third mountainous, two-thirds agricultural and grazing.
	Fremont	709,789	-----	709,789	-----	254,211	964,000	Two-thirds mountainous; one-third agricultural and grazing.
	Huerfano	541,461	480	541,941	69,120	401,939	1,013,000	One-third mountainous; two-thirds agricultural and grazing.
	Kiowa	54,260	-----	54,260	-----	85,740	140,000	Grazing.
	Las Animas	1,550,605	-----	1,550,605	-----	1,099,395	2,650,000	One-third mountainous; two-thirds grazing and agricultural.
	Lincoln	358,935	-----	358,935	-----	88,065	447,000	Grazing.
	Otero	824,342	-----	824,342	-----	477,658	1,302,000	Agricultural and grazing.
	Pueblo	560,067	4,260	564,327	64,000	923,673	1,552,000	Three-fourths agricultural and grazing; one-fourth mountainous.
	Saguache	76,960	-----	76,960	-----	40	77,000	Mountainous.
	Total	5,365,030	6,240	5,371,270	369,600	4,877,780	10,618,650	
Sterling	Logan	349,448	-----	349,448	-----	820,052	1,169,500	Agricultural and grazing.
	Morgan	214,207	-----	214,207	-----	15,293	229,500	Do.
	Phillips	16,558	-----	16,558	-----	416,942	433,500	Do.
	Sedgwick	48,811	-----	48,811	-----	293,189	342,000	Do.
	Washington	62,222	-----	62,222	-----	75,778	138,000	Do.
	Weld	318,183	-----	318,183	-----	183,317	501,500	Do.
	Yuma	67,605	-----	67,605	-----	80,895	148,500	Do.
	Total	1,077,034	-----	1,077,034	-----	1,885,466	2,962,500	
Total in Colorado	35,273,705	4,434,846	39,708,551	6,225,533	20,456,566	66,390,650		

FLORIDA.

[The greater part of the land in the State is level and timbered and there are no mountains. There are some large swamps and marshes in the southern part of the State.]

Gainesville	Alachua	51,393	6,720	58,113	-----	760,387	818,500	Low pine land.
	Baker	3,498	-----	3,498	-----	368,502	372,000	Do.
	Bradford	1,478	-----	1,478	-----	339,522	341,000	Do.
	Brevard	46,932	29,302	76,234	115	1,496,651	1,573,000	Low pine and swamp land.
	Calhoun	51,428	-----	51,428	2,483	607,589	661,500	Low pine land.
	Citrus	25,107	-----	25,107	-----	395,393	420,500	Do.
	Clay	16,783	-----	16,783	-----	376,717	393,500	Do.
	Columbia	4,600	-----	4,600	-----	508,900	513,500	Low pine and swamp land.
	Dade	55,140	92,960	148,100	1,857	2,787,043	2,937,000	Low pine land.
	De Soto	112,617	-----	112,617	-----	2,318,383	2,431,000	Do.
	Duval	1,346	1,200	2,546	-----	500,454	503,000	Do.
	Escambia	5,557	-----	5,557	4,894	424,049	434,500	Do.

FLORIDA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Gainesville—Continued.	Franklin	-----	-----	-----	-----	-----	-----	No vacant public land.
	Gadsden	7,786	-----	7,786	840	457,000	457,000	Low pine land.
	Hamilton	3,800	-----	3,800	2,640	329,374	338,000	Do.
	Hernando	5,319	-----	5,319	-----	335,060	341,500	Do.
	Hillsboro	3,545	-----	3,545	-----	326,681	332,000	Do.
	Holmes	781	-----	781	3,620	841,455	845,000	Low pine and swamp land.
	Jackson	35,052	-----	35,052	480	286,099	290,500	Low pine land.
	Jefferson	3,144	-----	3,144	-----	605,468	641,000	Do.
	Lafayette	34,607	-----	34,607	-----	375,856	379,000	Do.
	Lake	57,348	-----	57,348	-----	762,893	797,500	Low pine and swamp land.
	Lee	142,229	12,800	155,029	-----	608,652	666,000	Low pine land.
	Leon	3,405	-----	3,405	-----	2,916,971	3,072,000	Low pine and swamp land.
	Levy	20,616	-----	20,616	-----	464,595	468,000	Low pine land.
	Liberty	-----	-----	-----	-----	715,384	736,000	Do.
	Madison	5,867	-----	5,867	-----	478,000	478,000	No vacant public land.
	Manatee	17,361	-----	17,361	1,640	448,993	456,500	Low pine land.
	Marion	112,111	-----	112,111	508	850,131	868,000	Do.
	Monroe	21,856	-----	21,856	-----	933,889	1,046,000	Do.
	Nassau	3,973	-----	3,973	-----	920,144	942,000	Low pine and swamp land.
	Orange	43,861	8,320	52,181	-----	409,527	413,500	Low pine land.
	Osceola	8,978	-----	8,978	-----	759,819	812,000	Do.
	Pasco	5,720	-----	5,720	-----	1,125,022	1,134,000	Do.
	Polk	27,582	-----	27,582	-----	495,780	501,500	Do.
	Putnam	22,928	-----	22,928	-----	1,148,418	1,176,000	Do.
	St. John	10,799	-----	10,799	643	454,072	477,000	Do.
	Santa Rosa	103,500	-----	103,500	-----	603,058	614,500	Do.
	Sumter	1,208	-----	1,208	-----	910,000	1,013,500	Do.
	Suwanee	768	-----	768	-----	376,292	377,500	Do.
	Taylor	102,797	-----	102,797	-----	441,752	442,500	Do.
	Volusia	18,083	13,080	31,163	-----	591,203	694,000	Do.
	Wakulla	-----	-----	-----	-----	765,837	797,000	Do.
	Walton	206,260	-----	206,260	-----	392,500	392,500	No vacant public land.
Washington	185,730	-----	185,730	-----	692,740	899,000	Low pine land.	
		-----	-----	-----	781,150	967,000	Do.	
	Total in district and State.	1,592,893	164,382	1,757,275	19,840	33,487,385	35,264,500	

IDAHO.

Blackfoot	Bannock	634,558	357,088	991,646	750,000	218,354	1,960,000	Broken, swampy, and timbered. Do. Do. Do. Do. Do. Do.
	Bear Lake	222,858	236,718	459,576		156,424	616,000	
	Bingham	549,225	609,872	1,159,097	250,000	1,298,908	2,708,000	
	Blaine		33,500	33,500			33,500	
	Fremont	1,570,039	1,137,927	2,707,966		853,034	3,561,000	
	Lemhi		421,000	421,000			421,000	
	Oneida	508,042	736,230	1,244,272	250,000	261,728	1,756,000	
	Total	3,484,722	3,532,335	7,017,057	1,250,000	2,788,443	11,055,500	
Boise	Ada	378,270	242,714	620,984		137,016	758,000	Arid, mountainous, timbered. Mountainous, timbered, mineral, arid. Arid. Do. Arid, mountainous, mineral. Do. Do.
	Boise	459,976	1,738,848	2,198,824		174,176	2,373,000	
	Canyon	379,460	144,832	524,292		281,708	816,000	
	Elmore	651,855	310,615	962,470		98,530	1,061,000	
	Idaho	919	1,521,081	1,522,000			1,522,000	
	Owyhee	985,114	3,222,986	4,208,100	4,160	239,240	4,451,500	
	Washington	430,899	1,094,748	1,525,647		199,353	1,725,000	
	Total	3,286,493	8,275,824	11,562,317	4,160	1,140,023	12,706,500	
Cœur d'Alene	Kootenai	377,639	2,100,293	2,477,932	231,429	633,339	3,342,700	Agricultural and timbered. Agricultural, timbered, and mineral.
	Shoshone	28,319	1,224,874	1,253,193		28,807	1,282,000	
	Total	405,958	3,325,167	3,731,125	231,429	662,146	4,624,700	
Hailey	Bingham	6,520	5,000	11,520	840	2,340	15,000	Lava and sagebrush plains. Mountainous, grazing, sagebrush plains. Do. Mountainous. Grazing, sagebrush plains. Mountainous, grazing, sagebrush plains. Do. Lava and sagebrush plains. Mountainous, grazing. Mountainous and arid prairie. Lava and sagebrush plains. Do.
	Blaine	720,232	2,994,333	3,714,615	55,680	202,705	3,973,000	
	Boise		248,500	248,500			248,500	
	Cassia	1,097,717	1,520,546	2,618,263	22,400	276,337	2,917,000	
	Custer	195,948	2,359,546	2,555,494	11,840	45,166	2,612,500	
	Elmore	122,187	377,533	499,720	7,680	14,600	522,000	
	Fremont	18,080	12,000	30,080	1,280	640	32,000	
	Idaho		1,214,000	1,214,000			1,214,000	
	Lemhi	116,509	2,715,143	2,831,652	32,960	86,388	3,001,000	
	Lincoln	820,561	1,036,068	1,856,629	45,680	187,691	2,090,000	
	Owyhee	90,590	501,712	592,302	5,760	3,938	602,000	
	Total	3,188,394	12,984,381	16,172,775	233,920	820,305	17,227,000	
	Lewiston	Idaho	271,547	3,505,900	3,777,447	12,000	236,053		4,025,500	Partly mountainous, timbered, agricultural, and mineral. Mountainous, timbered, and agricultural. Do. Do. Mountainous, timbered, agricultural, and mineral.
Kootenai			10,000	10,000			10,000	
Latah		113,927	8,000	121,927		567,573	689,500	
Nez Percés		290,000	110,000	400,000	139,000	352,000	891,000	
Shoshone		227,745	1,415,556	1,415,301	69,360	115,839	1,600,500	
Total		903,219	4,821,456	5,724,675	220,360	1,271,465	7,216,500	
Total in Idaho		11,268,786	32,939,163	44,207,949	1,939,869	6,682,382	52,830,200	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

INDIAN TERRITORY.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	No vacant public land.
					19, 575, 040		19, 575, 040	

IOWA.

Des Moines						35, 228, 800	35, 228, 800	No vacant public land.
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KANSAS.

Colby	Cheyenne	59, 145		59, 145	38, 400	560, 455	658, 000	Broken, grazing.
	Decatur	1, 359		1, 359	67, 420	507, 221	576, 000	Do.
	Graham	597		597	100, 160	362, 243	463, 000	Do.
	Jewell	40		40	12, 800	229, 160	242, 000	Do.
	Lincoln				2, 720	43, 280	46, 000	No vacant public land.
	Mitchell	320		320	13, 760	167, 920	182, 000	Broken, grazing.
	Norton	638		638	48, 240	518, 122	567, 000	Do.
	Osborne	2, 160		2, 160	59, 200	509, 640	571, 000	Do.
	Phillips	80		80	33, 280	540, 640	574, 000	Do.
	Rawlins	19, 813		19, 813	53, 760	611, 427	685, 000	Do.
	Rooks	1, 567		1, 567	36, 320	417, 113	455, 000	Do.
	Sheridan	4, 494		4, 494	156, 160	297, 346	458, 000	Do.
	Sherman	4, 980		4, 980	47, 360	483, 660	536, 000	Do.
	Smith	160		160	32, 000	540, 840	573, 000	Do.
	Thomas	742		742	168, 640	378, 618	548, 000	Do.
	Total	96, 065		96, 065	870, 220	6, 167, 685	7, 134, 000	
Dodge City	Barber	22, 070		22, 070		697, 930	720, 000	Broken.
	Barton	1, 910		1, 910		574, 080	576, 000	Broken, sandy.
	Chase	680		680		147, 320	148, 000	Broken.
	Clark	58, 121		58, 121		557, 879	616, 000	Broken sandy.
	Comanche	10, 640		10, 640		494, 360	505, 000	Do
	Edwards	1, 025		1, 025		392, 975	394, 000	Do

Finney	79,881	79,881	745,119	825,000	Sandy and broken, mostly; some farming and grazing land.	
Ford	4,361	4,361	689,739	696,000	Grazing.	
Grant	35,076	35,076	335,924	369,000	Do.	
Gray	29,230	29,230	521,770	551,000	Part grazing, part broken and sandy.	
Hamilton	83,030	83,030	540,970	624,000	Do.	
Harper	640	640	504,360	505,000	Do.	
Harvey	160	160	345,840	346,000	Do.	
Haskell	27,115	27,115	344,885	372,000	Grazing.	
Hodgeman	6,017	6,017	545,983	552,000	Do.	
Kearney	86,628	86,628	459,372	546,000	Part grazing, part broken and sandy.	
Kingman			556,000	556,000	No vacant public land.	
Kiowa	8,840	8,840	454,160	463,000	Broken.	
McPherson	40	40	112,960	113,000	Do.	
Marion	320	320	182,680	183,000	Do.	
Meade	57,578	57,578	563,422	621,000	Grazing.	
Morton	85,680	85,680	372,320	458,000	Do.	
Pawnee	13	13	481,987	482,000	Broken.	
Pratt	1,749	1,749	461,251	463,000	Do.	
Reno	1,183	1,183	797,817	799,000	Broken and sandy.	
Rice	20	20	452,980	453,000	Broken.	
Sedgwick			645,000	645,000	No vacant public land.	
Seward	64,400	64,400	346,600	411,000	Grazing, part broken and sandy.	
Stafford	2,441	2,441	510,559	513,000	Broken.	
Stanton	27,070	27,070	406,930	433,000	Grazing, part broken and sandy.	
Stevens	56,380	56,380	410,620	467,000	Do.	
Sumner			754,000	754,000	No vacant public land.	
Total	750,298	750,298	1,900	15,406,802	16,159,000	
Topeka						
Allen			322,000	322,000	Do.	
Anderson			367,000	367,000	Do.	
Atchison			279,000	279,000	Do.	
Bourbon			423,000	423,000	Do.	
Brown			371,000	371,000	Do.	
Butler	240	240	917,760	918,000	Rough, broken land.	
Chase	80	80	333,920	334,000	Broken, grazing lands.	
Chautauqua	120	120	409,880	410,000	Do.	
Cherokee			391,000	391,000	No vacant public land.	
Clay	25	25	411,975	412,000	Grazing lands, broken.	
Cloud	20	20	451,980	452,000	Do.	
Coffey			413,000	413,000	No vacant public land.	
Cowley	167	167	717,883	718,000	Broken, grazing lands.	
Crawford			387,000	387,000	No vacant public land.	
Dickinson			536,000	536,000	Do.	
Doniphan			250,000	250,000	Do.	
Douglas			291,000	291,000	Do.	
Elk	431	431	409,569	410,000	Broken, rough lands.	
Ellsworth	120	120	453,880	454,000	Do.	
Franklin			370,000	370,000	No vacant public land.	
Geary	120	120	238,285	262,000	Rough prairie lands.	
Greenwood	111	111	743,889	744,000	Do.	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

KANSAS—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Topeka—Continued.	Jackson.....				92,160	344,840	437,000	No vacant public land.
	Jefferson.....					363,000	363,000	Do.
	Jewell.....	80		80		345,920	348,000	Grazing prairie land.
	Johnson.....					312,000	312,000	No vacant public land.
	Labette.....					408,000	408,000	Do.
	Leavenworth.....					286,000	286,000	Do.
	Lincoln.....	320		320		414,680	415,000	Broken grazing lands.
	Linn.....					389,000	389,000	No vacant public land.
	Lyon.....	40		40		538,960	539,000	Rough grazing land.
	McPherson.....	40		40		456,000	456,000	No vacant public land.
	Marion.....					436,960	437,000	Rough prairie.
	Marshall.....					586,000	586,000	No vacant public land.
	Miami.....					381,000	381,000	Do.
	Mitchell.....					275,000	275,000	Do.
	Montgomery.....					406,000	406,000	Do.
	Morris.....	380		380		446,620	447,000	Broken grazing lands.
	Nemaha.....					463,000	463,000	No vacant public land.
	Neosho.....					366,000	366,000	Do.
	Osage.....					466,000	466,000	Do.
	Ottawa.....					460,000	460,000	Do.
	Pottawatomie.....					528,000	528,000	Do.
	Republic.....					459,000	459,000	Do.
	Riley.....					368,000	368,000	Do.
	Russell.....	1,530		1,530		571,470	573,000	Grazing lands.
	Saline.....					456,000	456,000	No vacant public land.
	Shawnee.....					359,000	359,000	Do.
	Wabaunsee.....	40		40		512,960	513,000	Prairie, grazing land.
Washington.....				581,000	581,000	No vacant public land.		
Wilson.....				368,000	368,000	Do.		
Woodson.....				321,000	321,000	Do.		
Wyandotte.....				96,000	96,000	Do.		
	Total.....	3,864		3,864	115,755	22,254,381	22,374,000	
Wakeeney.....	Ellis.....	10,575		10,575		559,425	570,000	Broken.
	Gove.....	33,455		33,455		652,545	686,000	Agricultural and grazing.
	Graham.....					115,000	115,000	No vacant public land.
	Greeley.....	19,920		19,920		475,080	495,000	Agricultural and grazing.

Lane	11,123	11,123	446,877	458,000	Do.
Logan	46,241	46,241	641,759	688,000	Do.
Ness	2,497	2,497	683,503	686,000	Do.
Rooks	1,000	1,000	114,000	115,000	Broken.
Rush			452,000	452,000	No vacant public land.
Scott	19,565	19,565	435,435	455,000	Agricultural and grazing.
Sheridan	560	560	114,440	115,000	Do.
Sherman	4,487	4,487	130,513	135,000	Do.
Thomas			137,000	137,000	No vacant public land.
Trego	6,413	6,413	563,587	570,000	Agricultural and grazing.
Wallace	49,430	49,430	533,570	583,000	Do.
Wichita	5,360	5,360	450,640	456,000	Do.
Total	210,626	210,626	6,505,374	6,716,000	
Total in Kansas	1,060,883	1,060,883	987,875	50,334,242	52,383,000

LOUISIANA.

Natchitoches	Bienville	13,346	16,500	29,846	98,567	277,615	406,028
	Bossier	22,006	3,094	25,100	146,722	365,551	537,373
	Caddo	10,538	12,912	23,450	139,213	402,022	564,685
	Claiborne	10,195		10,195	36,915	275,257	322,367
	De Soto	362	8,633	8,995	65,299	478,896	553,190
	Grant	2,687		2,687	13,703	43,736	60,126
	Natchitoches	72,010	7,550	79,560	245,892	444,525	769,977
	Rapides	12,689		12,689	94,684	62,271	169,644
	Red River	2,604	7,787	10,391	85,299	149,375	245,065
	Sabine	61,048		61,048	159,260	418,136	638,444
	Vernon	44,179		44,179	211,786	340,395	596,360
	Webster	6,742	8,542	15,284	81,943	292,609	389,836
	Winn	10,907		10,907	76,751	131,435	219,063
	Total	269,313	65,018	334,331	1,456,034	3,681,823	5,472,188
	New Orleans	Acadia					414,000	414,000
Ascension						201,000	201,000
Assumption		183		183		317,817	318,000
Avoyelles		1,297		1,297		539,703	541,000
Bienville		10,169		10,169		122,831	133,000
Calcasieu		24,586		24,586		2,198,414	2,223,000
Caldwell		31,550		31,550		317,450	349,000
Cameron		908		908	18,800	926,292	946,000
Catahoula		88,499		88,499		788,501	877,000
Claiborne		3,169		3,169		165,831	169,000
Concordia						453,000	No vacant public land.
East Baton Rouge						284,000	Do.
East Carroll	320		320		259,680	260,000	

The character of the land in this district is sandy and clay soil, and timbered principally with pine.

No vacant public land.
Do.
Swampy.
Prairie and pine woods.
High pine woods.
Prairie and pine woods.
High pine woods.
Prairie land.
Pine woods.
High pine woods.
No vacant public land.
Do.
Low pine woods.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

LOUISIANA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
New Orleans— Continued.	East Feliciana.....	3,288		3,288		304,712	308,000	Pine woods.
	Franklin.....	1,990		1,990		387,010	389,000	Timbered and agricultural.
	Grant.....	27,400		27,400		345,600	373,000	Pine woods.
	Iberia.....	1,872		1,872		366,128	368,000	Agricultural.
	Iberville.....	634		634		416,366	417,000	Do.
	Jackson.....	14,098		14,098		351,902	366,000	Pine woods.
	Jefferson.....	2,000		2,000		277,000	279,000	Low, swampy.
	Lafayette.....					161,000	161,000	No vacant public land.
	Lafourche.....					638,000	638,000	Do.
	Lincoln.....	3,524		3,524		305,476	309,000	Pine woods.
	Livingston.....	7,647		7,647		412,353	420,000	Ordinary farming land.
	Madison.....	160		160		422,840	423,000	Farming land.
	Morehouse.....	11,515		11,515		519,485	531,000	Pine woods.
	Orleans.....					132,000	132,000	No vacant public land.
	Ouachita.....	22,092		22,092		374,908	397,000	Pine woods.
	Plaquemines.....	4,990		4,990		625,010	630,000	Ordinary farming and pine land.
	Pointe Coupee.....	333		333		361,667	362,000	Do.
	Rapides.....	21,323		21,323		712,677	734,000	Pine woods and agricultural.
	Richland.....	800		800		353,200	354,000	Do.
	St. Bernard.....	2,330		2,330		357,670	360,000	Farming and swampy.
	St. Charles.....					191,000	191,000	No vacant public land.
	St. Helena.....	2,854		2,854		265,146	268,000	Pine woods.
	St. James.....					190,000	190,000	No vacant public land.
	St. John the Baptist.....					117,000	117,000	Do.
	St. Landry.....	3,637		3,637		1,054,363	1,058,000	Prairie and pine woods.
	St. Martin.....	1,200		1,200		294,800	296,000	Prairie lands.
	St. Mary.....	205		205		399,795	400,000	Do.
	St. Tammany.....	1,330		1,330		575,670	577,000	Pine woods.
	Tangipahoa.....	7,332		7,332		490,868	498,000	Do.
	Tensas.....	200		200		394,800	395,000	Alluvial soil.
	Terrebonne.....	2,160		2,160		1,134,840	1,137,000	Low, swampy.
	Union.....	18,954		18,954		566,046	585,000	Pine woods and agricultural.
Vermilion.....	925		925		801,075	802,000	Prairie land.	
Vernon.....	19,362		19,362		326,638	346,000	Pine woods.	
Washington.....	5,156		5,156		410,844	416,000	Pine woods and alluvial soil.	
West Baton Rouge.....	600		600		137,400	138,000	Do.	
West Carroll.....	1,250		1,250		239,750	241,000	Do.	

West Feliciana	424	-----	424	-----	227,576	228,000	Do.
Winn	68,948	-----	68,948	-----	320,052	389,000	Do.
Total	421,214	-----	421,214	18,800	22,950,986	23,391,000	
Total in Louisiana ..	690,527	65,018	755,545	1,474,834	26,632,809	28,863,188	

MICHIGAN.

Marquette	Alcona	4,350	-----	4,350	-----	437,650	442,000	Light soil.
	Alger	8,046	-----	8,046	1,723	589,231	599,000	Third-rate farming land.
	Allegan	-----	-----	-----	-----	538,000	538,000	No vacant public land.
	Alpena	5,404	-----	5,404	-----	363,596	369,000	Fair farming land.
	Antrim	-----	-----	-----	-----	314,000	314,000	No vacant public land.
	Arenac	480	-----	480	-----	233,520	234,000	Good farming land.
	Baraga	15,608	-----	15,608	50,690	498,702	565,000	Timbered farming land.
	Barry	-----	-----	-----	-----	365,000	365,000	No vacant public land.
	Bay	-----	-----	-----	-----	284,000	284,000	Do.
	Benzie	1,270	-----	1,270	-----	196,730	198,000	Good farming land.
	Berrien	-----	-----	-----	-----	373,000	373,000	No vacant public land.
	Branch	-----	-----	-----	-----	329,000	329,000	Do.
	Calhoun	-----	-----	-----	-----	455,000	455,000	Do.
	Cass	-----	-----	-----	-----	320,000	320,000	Do.
	Charlevoix	-----	-----	-----	-----	277,000	277,000	Do.
	Cheboygan	3,961	-----	3,961	-----	509,039	513,000	Fair farming land.
	Chippewa	79,777	-----	79,777	22,142	903,081	1,005,000	Do.
	Clare	4,487	-----	4,487	-----	362,513	367,000	Do.
	Clinton	-----	-----	-----	-----	362,000	362,000	No vacant public land.
	Crawford	18,582	-----	18,582	-----	349,418	368,000	Light farming land.
	Delta	21,568	-----	21,568	46	738,386	755,000	Timbered farming land.
	Dickinson	7,946	-----	7,946	-----	493,054	501,000	Do.
	Eaton	-----	-----	-----	-----	362,000	362,000	No vacant public land.
	Emmet	-----	-----	-----	-----	299,000	299,000	Do.
	Genesee	-----	-----	-----	-----	419,000	419,000	Do.
	Gladwin	25,660	-----	25,660	-----	303,340	329,000	Light farming land.
	Gogebic	1,444	-----	1,444	41	727,515	729,000	Third-rate farming land.
	Grand Traverse	2,780	-----	2,780	-----	297,220	300,000	Good farming land.
	Gratiot	-----	-----	-----	-----	362,000	362,000	No vacant public land.
	Hillsdale	-----	-----	-----	-----	385,000	385,000	Do.
	Houghton	11,658	-----	11,658	68	666,274	678,000	Timbered farming land.
	Huron	-----	-----	-----	-----	542,000	542,000	No vacant public land.
	Ingham	-----	-----	-----	-----	364,000	364,000	Do.
	Ionia	-----	-----	-----	-----	361,000	361,000	Do.
	Iosco	19,844	-----	19,844	-----	334,156	354,000	Light farming land.
	Iron	11,615	-----	11,615	-----	759,385	771,000	Timbered, sandy loam.
	Isabella	-----	-----	-----	-----	366,000	366,000	No vacant public land.
	Jackson	-----	-----	-----	-----	453,000	453,000	Do.
	Kalamazoo	-----	-----	-----	-----	366,000	366,000	Do.
	Kalkaska	1,041	-----	1,041	-----	365,959	367,000	Light soil, some timber.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

MICHIGAN—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
Marquette—Continued.	Kent					544,000	544,000	No vacant public land.
	Keweenaw					341,977	358,000	Light soil, some timber.
	Lake	14,970		14,970	1,053	364,300	367,000	Very light soil.
	Lapeer	2,700		2,700		429,000	429,000	No vacant public land.
	Leelanau					224,368	225,000	Good farming land.
	Lenawee	632		632		477,000	477,000	No vacant public land.
	Livingston					370,000	370,000	Do.
	Luce					575,049	597,000	Fair farming land, some timber.
	Mackinac	21,951		21,951		648,140	668,000	Do.
	Macomb	10,706		10,706	3,154	296,000	296,000	No vacant public land.
	Manistee					348,533	352,000	Fair farming land.
	Marquette	3,467		3,467		1,126,419	1,192,000	Timbered farming land.
	Mason	65,325		65,325	256	319,180	321,000	Fair farming land.
	Mecosta	1,820		1,820		366,000	366,000	No vacant public land.
	Menominee					664,991	668,000	Timbered farming land.
	Midland	3,009		3,009		336,000	336,000	No vacant public land.
	Missaukee					356,860	360,000	Good farming land.
	Monroe	3,140		3,140		367,000	367,000	No vacant public land.
	Montcalm					464,000	464,000	Do.
	Montmorency					333,325	352,000	Fair farming land.
	Muskegon	18,675		18,675		318,000	318,000	No vacant public land.
	Newaygo					548,920	549,000	Fair farming land.
	Oakland	80		80		573,000	573,000	No vacant public land.
	Oceana					352,440	353,000	Good farming land.
	Ogemaw	560		560		358,768	360,000	Do.
	Ontonagon	1,232		1,232		845,230	868,000	Timbered; farming land.
	Osceola	20,197		20,197	2,573	366,920	367,000	Good farming land.
	Oscoda	80		80		315,355	362,000	Mostly light soil.
	Otsego	46,645		46,645		338,400	340,000	Good farming land.
	Ottawa	1,600		1,600		360,000	360,000	No vacant public land.
	Presque Isle					396,638	410,000	Fair farming land.
	Roscommon	6,800		6,800		325,200	332,000	Light soil.
	Saginaw					520,000	520,000	No vacant public land.
St. Clair					438,000	438,000	Do.	
St. Joseph					331,000	331,000	Do.	
Sanilac					619,000	619,000	Do.	
Schoolcraft					746,877	770,000	Fair farming land; some timber.	
Shiawassee	23,123		23,123		351,000	351,000	No vacant public land.	

Tuscola					530,000	530,000	Do.
Van Buren					402,000	402,000	Do.
Washtenaw					449,000	449,000	Do.
Wayne					404,000	404,000	Do.
Wexford	300		300		363,700	364,000	Good farming land.
Total in district and State.	505,895		505,895	87,746	36,225,359	36,819,000	

MINNESOTA.

Crookston	Becker	19,222		19,222	279,000	597,778	896,000	Rough, broken; some timber.
	Beltrami	473,758	831,000	1,304,758	594,000	811,242	2,710,000	Prairie and timber; some swamp.
	Clay					682,000	682,000	No vacant public land.
	Kittson	50,693	28,840	79,533		630,467	710,000	Good land; some swamp.
	Marshall	196,654		196,654	25,600	961,746	1,184,000	Do.
	Norman	40		40	348,160	390,240	738,440	Do.
	Ottertail	200		200		175,800	176,000	Broken and swampy.
	Polk	16,290		16,290		1,295,030	1,281,320	Prairie and timber; some swamp.
	Red Lake	2,592		2,592	240,000	430,088	672,680	Do.
	Roseau	36,169	306,000	342,169	283,000	467,831	1,093,000	Good land; some swamp.
Total	795,618	1,165,840	1,961,458	1,769,760	6,412,222	10,143,440		
Duluth	Aitkin	21,280		21,280	245,320	60,400	327,000	Agricultural and timber.
	Carlton	4,510		4,510	312,820	239,670	557,000	Do.
	Cook	291,280	91,853	383,133	92,204	488,663	964,000	Timber, iron, nickel; light soil.
	Itasca	722,147	597,955	1,320,102	729,614	1,626,284	3,676,000	Largely timber; gold in north, with light soil; agricultural in south; iron belt in center, running east and west.
	Lake	447,600	382,390	829,990	119,111	373,899	1,323,000	Timber; light soil; iron.
	St. Louis	745,930	235,790	981,720	1,288,460	1,906,820	4,177,000	Iron, timber, and agricultural.
Total	2,232,747	1,307,988	3,540,735	2,787,529	4,695,736	11,024,000		
Marshall	Bigstone	280		280		337,720	338,000	Rough; part rolling prairie.
	Blue Earth					486,000	486,000	No vacant public land.
	Brown					386,000	386,000	Do.
	Carver					239,000	239,000	Do.
	Chippewa					386,000	386,000	Do.
	Cottonwood					409,000	409,000	Do.
	Dakota	71		71		379,929	380,000	Rough; low prairie.
	Dodge					282,000	282,000	No vacant public land.
	Faribault					462,000	462,000	Do.
	Fillmore	40		40		551,960	552,000	Rolling prairie.
	Freeborn					457,000	457,000	No vacant public land.
	Goodhue					498,000	498,000	Do.
	Hennepin					364,000	364,000	Do.
	Houston	120		120		363,880	364,000	Low prairie.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

MINNESOTA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Marshall—Continued.	Jackson.....					450,000	450,000	No vacant public land.
	Kandiyohi.....	80		80		387,920	388,000	Level prairie.
	Lac qui Parle.....	104		104		501,896	502,000	Do.
	Lesueur.....					293,000	293,000	No vacant public land.
	Lincoln.....	21		21		340,979	341,000	Low prairie.
	Lyon.....					455,000	455,000	No vacant public land.
	McLeod.....					316,000	316,000	Do.
	Martin.....					450,000	450,000	Do.
	Meeker.....					307,000	307,000	Do.
	Mower.....					448,000	448,000	Do.
	Murray.....	37		37		447,963	448,000	Rough; bluffy.
	Nicollet.....					291,000	291,000	No vacant public land.
	Nobles.....					453,000	453,000	Do.
	Olmsted.....					418,000	418,000	Do.
	Pipestone.....					298,000	298,000	Do.
	Pope.....					222,000	222,000	Do.
	Redwood.....					568,000	568,000	Do.
	Renville.....					632,000	632,000	Do.
	Rice.....					317,000	317,000	Do.
	Rock.....	41		41		305,959	306,000	Low prairie.
	Scott.....					226,000	226,000	No vacant public land.
	Sibley.....					372,000	372,000	Do.
	Steele.....	28		28		274,972	275,000	Low prairie.
	Stevens.....					182,000	182,000	No vacant public land.
Swift.....	120		120		481,880	482,000	Low and swampy.	
Wabasha.....	280		280		347,720	348,000	Do.	
Waseca.....	97		97		270,903	271,000	Low prairie.	
Watonwan.....					281,000	281,000	No vacant public land.	
Winona.....	40		40		397,960	398,000	Rough.	
Wright.....	40		40		327,960	328,000	Do.	
Yellow Medicine.....	214		214		474,786	475,000	Level prairie.	
	Total.....	1,613		1,613		17,142,387	17,144,000	
St. Cloud.....	Aitkin.....	35,840		35,840	1,320	853,840	891,000	Timber and swamp.
	Anoka.....					292,000	292,000	No vacant public land.
	Benton.....					265,000	265,000	Do.
	Cass.....	61,240		61,240	421,240	1,285,520	1,768,000	Timber, brush, and swamp.

Chisago				281,000	281,000	No vacant public land.	
Crow Wing	23,240		23,240	680	324,080	348,000	Timber, brush, and swamp.
Douglas					446,000	446,000	No vacant public land.
Grant					365,000	365,000	Do.
Hennepin					7,000	7,000	Do.
Hubbard	62,920		62,920	2,520	538,560	604,000	Timber and prairie.
Isanti					296,000	296,000	No vacant public land.
Itasca	5,400		5,400	360	144,240	150,000	Timber, brush, and swamp.
Kanabec	1,240		1,240		346,760	348,000	Do.
Kandiyohi					133,000	133,000	No vacant public land.
Meeker					80,000	80,000	Do.
Millelacs	760		760		375,240	376,000	Timber and swamp.
Morrison	2,800		2,800		735,200	738,000	Timber and prairie.
Ottertail	440		440		1,203,560	1,204,000	Do.
Pine	15,760		15,760		899,240	915,000	Timber, brush, and prairie.
Pope					223,000	223,000	No vacant public land.
Ramsey					104,000	104,000	Do.
Sherburne					290,000	290,000	Do.
Stearns					884,000	884,000	Do.
Stevens					181,000	181,000	No vacant public land.
Todd	1,360		1,360		617,640	619,000	Timber, brush, and prairie.
Traverse					367,000	367,000	No vacant public land.
Wadena	5,520		5,520		338,480	344,000	Timber and brush.
Washington					256,000	256,000	No vacant public land.
Wilkin					493,000	493,000	Do.
Wright					110,000	110,000	Do.
Total	216,520		216,520	426,120	12,735,360	13,378,000	
Total in Minnesota	3,246,498	2,473,828	5,720,326	4,983,409	40,985,705	51,689,440	

MISSISSIPPI.

Jackson					259,000	259,000	No vacant public land.
Adams					250,000	250,000	Do.
Alcorn					447,000	454,000	Agricultural and timber lands.
Amite	7,000		7,000		451,900	458,000	Do.
Attala	6,100		6,100		260,000	260,000	No vacant public land.
Benton					558,000	558,000	Do.
Bolivar					372,260	373,000	Agricultural and timber lands.
Calhoun	740		740		319,000	319,000	No vacant public land.
Carroll	1,500		1,500		262,000	263,000	Agricultural and timber lands.
Chickasaw					295,000	295,000	No vacant public land.
Choctaw	1,000		1,000		431,100	436,000	Agricultural and timber lands.
Claiborne					267,000	267,000	No vacant public land.
Clarke	4,900		4,900		333,000	333,000	Do.
Clay					487,280	491,000	Agricultural and timber lands.
Coahoma					376,360	380,000	Do.
Copiah	3,720		3,720				
Covington	3,640		3,640				

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

MISSISSIPPI—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.	
		Surveyed.	Unsurveyed.	Total.					
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>		
Jackson—Continued.	De Soto	-----	-----	-----	-----	313,000	313,000	No vacant public land.	
	Franklin	-----	-----	-----	-----	331,800	355,000	Agricultural and timber lands.	
	Greene	23,200	-----	23,200	-----	32,300	511,700	Do.	
	Grenada	32,300	-----	32,300	-----	1,750	283,250	Do.	
	Hancock	1,750	-----	1,750	-----	36,120	367,880	Do.	
	Harrison	36,120	-----	36,120	-----	26,580	624,420	Do.	
	Hinds	26,580	-----	26,580	-----	-----	550,000	550,000	No vacant public land.
	Holmes	-----	380	-----	380	-----	540,620	541,000	Agricultural and timber lands.
	Issaquena	-----	-----	-----	-----	-----	228,000	228,000	No vacant public land.
	Itawamba	-----	-----	-----	-----	325,000	325,000	Do.	
	Jackson	-----	29,400	-----	29,400	-----	644,600	674,000	Agricultural and timber lands.
	Jasper	-----	3,420	-----	3,420	-----	421,580	423,000	Do.
	Jefferson	-----	840	-----	840	-----	325,160	326,000	Do.
	Jones	-----	2,800	-----	2,800	-----	440,200	443,000	Do.
	Kemper	-----	6,500	-----	6,500	-----	471,500	478,000	Do.
	Lafayette	-----	-----	-----	-----	-----	421,000	421,000	No vacant public land.
	Lauderdale	-----	3,000	-----	3,000	-----	445,000	448,000	Agricultural and timber lands.
	Lawrence	-----	7,000	-----	7,000	-----	410,000	417,000	Do.
	Leake	-----	10,540	-----	10,540	-----	359,460	370,000	Do.
	Lee	-----	-----	-----	-----	-----	290,000	290,000	No vacant public land.
	Leflore	-----	-----	-----	-----	-----	380,000	380,000	Do.
	Lincoln	-----	940	-----	940	-----	366,060	367,000	Agricultural and timber lands.
	Lowndes	-----	40	-----	40	-----	317,960	318,000	Do.
	Madison	-----	-----	-----	-----	-----	466,000	466,000	No vacant public land.
	Marion	-----	16,240	-----	16,240	-----	703,760	720,000	Agricultural and timber lands.
	Marshall	-----	-----	-----	-----	-----	445,000	445,000	No vacant public land.
	Monroe	-----	2,700	-----	2,700	-----	487,300	490,000	Agricultural and timber lands.
	Montgomery	-----	3,280	-----	3,280	-----	258,720	262,000	Do.
	Neshoba	-----	12,480	-----	12,480	-----	347,520	360,000	Do.
	Newton	-----	2,740	-----	2,740	-----	359,260	362,000	Do.
	Noxubee	-----	1,000	-----	1,000	-----	433,000	434,000	Do.
	Oktibbeha	-----	-----	-----	-----	-----	287,000	287,000	No vacant public land.
Panola	-----	-----	-----	-----	-----	443,000	443,000	Do.	
Pearl River	-----	10,980	-----	10,980	-----	409,020	420,000	Agricultural and timber lands.	
Perry	-----	25,240	-----	25,240	-----	681,760	707,000	Do.	
Pike	-----	3,000	-----	3,000	-----	453,000	456,000	Do.	
Pontotoc	-----	-----	-----	-----	-----	314,000	314,000	No vacant public land.	
Prentiss	-----	-----	-----	-----	-----	260,000	260,000	Do.	

Quitman				256,000	256,000	Do.
Rankin	6,320		6,320	491,680	498,000	Agricultural and timber lands.
Scott	5,420		5,420	375,580	381,000	Do.
Sharkey				281,000	281,000	No vacant public land.
Simpson	7,280		7,280	365,720	373,000	Agricultural and timber lands.
Smith	18,000		18,000	380,000	398,000	Do.
Sunflower				444,000	444,000	No vacant public land.
Tallahatchie	2,000		2,000	403,000	405,000	Agricultural and timber lands.
Tate				260,000	260,000	No vacant public land.
Tippah				289,000	289,000	Do.
Tishomingo				275,000	275,000	Do.
Tunica				266,000	266,000	Do.
Union				268,000	268,000	Do.
Warren				398,000	398,000	Do.
Washington				565,000	565,000	Do.
Wayne	15,040		15,040	494,960	510,000	Agricultural and timber lands.
Webster	1,500		1,500	266,500	268,000	Do.
Wilkinson	27,000		27,000	395,000	422,000	Do.
Winston	9,260		9,260	376,740	386,000	Do.
Yalobusha	500		500	316,500	317,000	Do.
Yazoo	560		560	667,440	668,000	Do.
Total in district and State.	383,950		383,950	29,301,050	29,685,000	

MISSOURI.

Boonville	Adair			367,000	367,000	No vacant public land.
	Andrew			277,000	277,000	Do.
	Atchison			345,000	345,000	Do.
	Audrain			439,000	439,000	Do.
	Bates			552,000	552,000	Do.
	Benton	3,420	3,420	471,580	475,000	Broken timber land.
	Boone			440,000	440,000	No vacant public land.
	Buchanan			263,000	263,000	Do.
	Caldwell			270,000	270,000	Do.
	Callaway			517,000	517,000	Do.
	Camden	41,790	41,790	395,210	437,000	Broken timber land.
	Carroll			443,000	443,000	No vacant public land.
	Cass			456,000	456,000	Do.
	Cedar	80	80	127,920	128,000	Broken lands.
	Chariton			490,000	490,000	No vacant public land.
	Clark			323,000	323,000	Do.
	Clay			254,000	254,000	Do.
	Clinton			267,000	267,000	Do.
	Cole			250,000	250,000	Do.
	Cooper			357,000	357,000	Do.
	Crawford	800	800	251,200	252,000	Broken lands.
	Dallas	13,760	13,760	123,240	137,000	Timber and grazing land.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

MISSOURI—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Boonville— Continued.	Daviess					357,000	357,000	No vacant public land.
	Dekalb					270,000	270,000	Do.
	Franklin					567,000	567,000	Do.
	Gasconade					330,000	330,000	Do.
	Gentry					313,000	313,000	Do.
	Grundy					274,000	274,000	Do.
	Harrison					468,000	468,000	Do.
	Henry					474,000	474,000	Do.
	Hickory					250,280	255,000	Broken timber land.
	Holt	4,720		4,720		289,000	289,000	No vacant public land.
	Howard					291,000	291,000	Do.
	Jackson					390,000	390,000	Do.
	Jefferson					428,825	429,000	Broken lands.
	Johns n	175		175		523,000	523,000	No vacant public land.
	Knox					330,000	330,000	Do.
	Laclede	11,640		11,640		138,360	150,000	Timber and grazing land.
	Lafayette					393,000	393,000	No vacant public land.
	Lewis					322,000	322,000	Do.
	Lincoln					389,000	389,000	Do.
	Linn					394,000	394,000	Do.
	Livingston					339,000	339,000	Do.
	Macon					519,000	519,000	Do.
	Marion	3,445		3,445		329,555	333,000	Broken lands.
	Mercer					278,000	278,000	No vacant public land.
	Miller					294,000	294,000	Do.
	Moniteau	4,000		4,000		376,000	380,000	Timbered lands, broken.
	Monroe					261,000	261,000	No vacant public land.
	Montgomery					424,000	424,000	Do.
	Morgan					331,000	331,000	Do.
	Nodaway	520		520		390,480	391,000	Broken lands.
Osage					563,000	563,000	No vacant public land.	
Pettis					380,000	380,000	Do.	
Phelps	2,500		2,500		438,000	438,000	Do.	
Pike					107,500	110,000	Broken lands.	
Platte					411,000	411,000	No vacant public land.	
Polk	120		120		256,000	256,000	Do.	
Pulaski	19,760		19,760		79,880	80,000	Broken lands.	
					223,240	243,000	Timber and grazing land.	

Putnam				331,000	331,000	No vacant public land.
Ralls				301,000	301,000	Do.
Randolph				311,000	311,000	Do.
Ray				353,000	353,000	Do.
St. Charles				338,000	338,000	Do.
St. Clair	3,800		3,800	439,200	443,000	Broken timber land.
St. Francois				50,000	50,000	No vacant public land.
Ste. Genevieve				92,000	92,000	Do.
St. Louis				322,280	322,280	Do.
St. Louis City				30,720	30,720	Do.
Saline				482,000	482,000	Do.
Schuyler				203,000	203,000	Do.
Scotland				282,000	282,000	Do.
Shelby				325,000	325,000	Do.
Sullivan				418,000	418,000	Do.
Vernon				377,000	377,000	Do.
Warren				266,000	266,000	Do.
Washington				229,000	229,000	Do.
Worth				169,000	169,000	Do.
Total	110,530		110,530	26,190,470	26,301,000	
Ironton						
Bollinger	3,400		3,400	381,600	385,000	Broken lands.
Butler	1,360		1,360	443,640	445,000	Low level lands.
Cape Girardeau				368,000	368,000	No vacant public land.
Carter				320,480	321,000	Timbered land.
Crawford	520		520	221,080	223,000	Do.
Dent	1,920		1,920	473,780	477,000	Do.
Dunklin	3,220		3,220	338,000	338,000	No vacant public land.
Howell	2,980		2,980	577,020	580,000	Rolling.
Iron	10,720		10,720	336,280	347,000	Timbered; hilly.
Madison	5,020		5,020	310,980	316,000	Do.
Mississippi				269,000	269,000	No vacant public land.
New Madrid				422,000	422,000	Do.
Oregon				484,440	491,000	Broken.
Pemiscot	6,560		6,560	310,000	310,000	No vacant public land.
Perry				291,400	292,000	Broken.
Phelps	600		600	302,600	311,000	Do.
Pulaski	8,400		8,400	40,940	47,000	Do.
Reynolds	6,060		6,060	519,240	528,000	Timbered.
Reynolds	8,760		8,760	394,760	399,000	Broken.
Ripley	4,240		4,240	242,960	244,000	Do.
St. Francois	1,040		1,040	218,440	219,000	Do.
Ste. Genevieve	560		560	266,000	266,000	No vacant public land.
Scott				610,760	626,000	Hilly and timbered.
Shannon				526,000	526,000	No vacant public land.
Stoddard	15,240		15,240	504,120	516,000	Rolling.
Texas	11,880		11,880	243,000	245,000	Broken.
Washington	2,000		2,000	279,160	286,000	Do.
Wayne	6,840		6,840			
Total	101,320		101,320	9,895,680	9,997,000	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

MISSOURI—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Springfield	Barry	12,076		12,076		483,924	496,000	Broken timber land.
	Barton					377,000	377,000	No vacant public land.
	Cedar					189,000	189,000	Do.
	Christian	3,255		3,255		353,745	357,000	Broken timber land.
	Dade					320,000	320,000	No vacant public land.
	Dallas	2,272		2,272		205,728	208,000	Broken timber land.
	Douglas	9,237		9,237		493,763	503,000	Timbered and rough.
	Greene					426,000	426,000	No vacant public land.
	Jasper					405,000	405,000	Do.
	Laclede	8,378		8,378		321,622	330,000	Broken timber land.
	Lawrence					385,000	385,000	No vacant public land.
	McDonald	14,835		14,835		320,165	335,000	Broken timber land.
	Newton					390,000	390,000	No vacant public land.
	Ozark	87,390		87,390		393,610	481,000	Timbered, hills, and valleys.
	Polk					335,000	335,000	No vacant public land.
	Pulaski	2,084		2,084		50,916	53,000	Timber land, hills, and valleys.
	Stone	20,659		20,659		301,341	322,000	Broken timber land.
	Taney	64,190		64,190		352,810	417,000	Timber land, hills, and valleys.
	Texas	2,471		2,471		208,529	211,000	Broken timber land.
	Vernon					153,000	153,000	No vacant public land.
Webster	1,278		1,278		371,722	373,000	Broken timber land.	
Wright	5,936		5,936		426,064	432,000	Do.	
	Total	234,061		234,061		7,263,989	7,498,000	
	Total in Missouri	445,911		445,911		43,350,089	43,796,000	

MONTANA.

Bozeman	Broadwater	38,719	30,000	68,719		65,281	134,000	Principally arid.
	Carbon	203,638	1,233,488	1,437,126		96,874	1,534,000	One-third good farming land, two-thirds mountainous.
	Crow Reservation				321,000		321,000	No vacant public land.
	Gallatin	70,776	523,528	594,304		1,012,696	1,607,000	One-fourth good farm land, three-fourths mountainous.

	Jefferson	49,040	26,000	75,040	-----	69,960	145,000	Principally arid.		
	Madison	381,260	650,000	1,031,260	-----	243,740	1,275,000	One-fourth arid, three-fourths mountainous.		
	Park	239,370	1,128,821	1,368,191	-----	369,809	1,738,000	One-third good farm land, two-thirds arid and mountainous.		
	Sweet Grass	322,323	852,021	1,174,344	-----	329,656	1,504,000	Grazing and mountainous.		
	Yellowstone	201,574	166,054	367,628	-----	752,372	1,120,000	Arid and mountainous.		
	Total	1,506,700	4,609,912	6,116,612	-----	321,000	2,940,388	9,378,000		
Helena	Beaverhead	420,854	1,520,240	1,941,094	-----	2,800	265,106	2,209,000	Mountainous and grazing.	
	Broadwater	103,300	309,840	413,140	-----	-----	156,860	570,000	Mountainous and agricultural.	
	Cascade	682,555	445,280	1,127,835	-----	47,520	728,145	1,903,500	Grazing and agricultural.	
	Choteau	3,916,473	4,435,693	8,352,166	-----	790,250	606,584	9,749,000	Do.	
	Deerlodge	211,403	1,604,724	1,816,127	-----	-----	694,873	2,511,000	Mountainous, some agricultural.	
	Fergus	-----	28,000	28,000	-----	-----	28,000	28,000	Grazing.	
	Gallatin	5,760	46,480	52,240	-----	-----	5,760	58,000	Mountainous.	
	Granite	101,920	345,000	446,920	-----	-----	41,080	488,000	Do.	
	Jefferson	102,350	654,830	757,180	-----	-----	148,820	906,000	Mountainous, some grazing.	
	Lewis and Clarke	260,311	1,031,220	1,291,531	-----	-----	510,969	1,802,500	Mountainous and agricultural.	
	Madison	334,751	982,260	1,317,011	-----	20,550	274,439	1,612,000	Mountainous.	
	Meagher	278,454	1,264,660	1,543,114	-----	2,840	484,046	2,030,000	Grazing and agricultural.	
	Park	4,200	46,300	50,500	-----	-----	9,500	61,000	Grazing.	
	Ravalli	-----	46,000	46,000	-----	-----	-----	46,000	Mountainous.	
	Silverbow	40,121	369,800	409,921	-----	-----	100,079	510,000	Do.	
	Sweet Grass	4,480	32,000	36,480	-----	-----	9,520	46,000	Grazing.	
	Teton	1,451,267	1,181,810	2,633,077	-----	1,400,000	411,923	4,445,000	Do.	
	Total	7,918,199	14,344,137	22,262,336	-----	2,263,960	4,447,704	28,974,000		
Kalispell	Deerlodge	-----	70,000	70,000	-----	-----	-----	70,000	Mountainous, timber, grazing.	
	Flathead	567,593	4,069,299	4,636,892	-----	173,333	712,775	5,523,000	Valleys, mountains, timber, grazing.	
	Missoula	-----	14,000	14,000	-----	-----	-----	14,000	Timbered valleys and mountains.	
	Teton	-----	-----	-----	-----	650,000	-----	650,000	Subject to location and entry under the mineral laws only.	
	Total	567,593	4,153,299	4,720,892	-----	823,333	712,775	6,257,000		
Lewistown	Choteau	10,301	140,899	151,200	-----	-----	800	152,000	Broken, grazing.	
	Custer	35,286	198,004	233,290	-----	1,280	13,430	248,000	Do.	
	Dawson	234,469	439,513	673,982	-----	15,360	47,658	737,000	Do.	
	Fergus	2,525,182	2,112,705	4,637,887	-----	173,920	835,193	5,647,000	Grazing, farming, timber, and mountainous.	
	Meagher	293,716	82,109	375,825	-----	39,187	204,988	620,000	Farming and grazing.	
	Sweet Grass	115,205	8,552	123,757	-----	-----	15,360	148,883	Do.	
	Yellowstone	200,937	168,797	369,734	-----	-----	24,320	189,946	584,000	Grazing.
	Total	3,415,096	3,150,579	6,565,675	-----	269,427	1,440,898	8,276,000		
Miles City	Carbon	-----	39,000	39,000	-----	-----	-----	39,000	Mountainous.	
	Choteau	117,080	247,680	364,760	-----	-----	3,880	368,640	Agricultural and grazing, principally grazing.	
	Crow Reservation	-----	-----	-----	-----	3,349,640	-----	3,349,640	No vacant public land.	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

MONTANA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Miles City—Continued.	Custer	<i>Acres.</i> 1,696,180	<i>Acres.</i> 9,014,840	<i>Acres.</i> 10,710,520	<i>Acres.</i> 546,400	<i>Acres.</i> 1,253,800	<i>Acres.</i> 12,510,720	Grazing and agricultural. Do. Do. Do.
	Dawson	302,380	7,255,860	7,558,240	155,200	477,280	8,190,720	
	Valley	972,390	5,571,790	6,544,180	2,361,920	21,900	8,928,000	
	Yellowstone	141,900	466,500	608,400	—	57,600	666,000	
	Total	3,229,930	22,595,170	25,825,100	6,413,160	1,814,400	34,052,720	
Missoula	Beaverhead	32,636	618,359	650,995	—	119,005	770,000	Arid and grazing. Mountains, timber, grazing, and mineral. Small valleys, mountains, timber, grazing. Mountains, timber, minerals. Small valleys, mountains, timber, and grazing. Do.
	Deerlodge	6,500	19,320	25,820	—	24,180	50,000	
	Flathead	—	46,000	46,000	—	—	46,000	
	Granite	18,860	460,928	488,788	—	19,212	508,000	
	Missoula	190,516	3,212,075	3,402,591	1,833,333	408,076	5,144,000	
	Ravalli	46,807	1,456,000	1,502,807	—	301,193	1,804,000	
	Total	295,319	5,821,682	6,117,001	1,833,333	871,666	8,322,000	
Total in Montana	16,932,837	54,674,779	71,607,616	11,424,213	12,227,891	95,259,720		

NEBRASKA.

Alliance	Boxbutte	61,830	—	61,830	—	625,170	687,000	Level prairie. Sand hills. Table and broken timber. Sand hills. Prairie and sandy. Prairie, table, and sand hills. Sandy and rough timber.
	Cheyenne	283,924	—	283,924	—	122,076	406,000	
	Dawes	92,970	—	92,970	8,100	798,920	900,000	
	Deuel	516,449	—	516,449	—	98,551	615,000	
	Scotts Bluff	95,292	—	95,292	—	289,708	385,000	
	Sheridan	503,858	—	503,858	12,534	1,062,608	1,579,000	
	Sioux	924,475	—	924,475	11,158	381,367	1,317,000	
Total	2,478,798	—	2,478,798	31,802	3,378,400	5,889,000		
Brokenbow	Blaine	264,065	—	264,065	—	191,935	456,000	Grazing, sandy. Do.
	Brown	152,820	—	152,820	—	29,680	182,000	

Lincoln

Cherry	575,440	575,440		
Custer	78,218	78,218	181,560	787,000
Grant	322,920	322,920	742,782	821,000
Hooker	362,007	362,007	133,080	456,000
Logan	155,120	155,120	94,993	457,000
McPherson	408,840	408,840	117,880	273,000
Thomas	359,700	359,700	93,160	502,000
			96,300	456,000
Total	2,678,630	2,678,630	1,661,370	4,340,000
Adams			339	339
Boone			264,000	264,000
Buffalo			630,000	630,000
Butler			382,000	382,000
Cass			348,000	348,000
Clay			369,000	369,000
Colfax			256,000	256,000
Custer			367,600	368,000
Dawson	400	400	189,000	189,000
Fillmore			367,000	367,000
Gage			550,000	550,000
Greeley			352,572	368,000
Hall	15,428	15,428	278,000	278,000
Hamilton			352,000	352,000
Howard			366,000	366,000
Jefferson			369,000	369,000
Johnson			239,000	239,000
Lancaster			549,000	549,000
Merrick			297,000	297,000
Nance			288,000	288,000
Nemaha			247,000	247,000
Nuckolls			369,000	369,000
Otoe			391,000	391,000
Pawnee			276,000	276,000
Platte			437,680	438,000
Polk	320	320	278,000	278,000
Richardson			339,000	339,000
Saline			369,000	369,000
Saunders			487,000	487,000
Seward			366,000	366,000
Sherman			368,000	368,000
Thayer			369,000	369,000
Valley			364,017	367,000
York	2,983	2,983	366,000	366,000
Total	19,131	19,131	11,840,208	11,859,339
McCook			363,000	363,000
Adams			513,680	572,000
Chase	58,320	58,320	470,332	588,000
Dundy	117,668	117,668	366,000	366,000
Franklin			523,417	526,000
Frontier	2,583	2,583		

Do.
Grazing and farming.
Grazing, sandy.
Do.
Do.
Do.
Do.

No vacant public land.

Do.
Do.
Do.
Do.
Do.
Do.

Sandy soil and hilly.
No vacant public land.

Do.
Do.

Rough and sandy.
No vacant public land.

Do.
Do.

Do.
Do.

Do.
Do.

Do.
Do.

Do.
Do.

Rough and broken.
No vacant public land.

Do.
Do.

Do.
Do.

Do.
Do.

Sandy and rough.
No vacant public land.

No vacant public land.

Broken and sandy; grazing land.
Do.

No vacant public land.
Broken and grazing lands.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

NEBRASKA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
McCook—Continued.	Furnas.....					458,000	458,000	No vacant public land.
	Gosper.....					161,000	161,000	Do.
	Hall.....					66,000	66,000	Do.
	Harlan.....					366,000	366,000	Do.
	Hayes.....	25,940		25,940		433,060	459,000	Broken and grazing land.
	Hitchcock.....	4,127		4,127		453,873	458,000	Rough and sandy.
	Kearney.....	120		120		321,880	322,000	Sandy.
	Phelps.....					344,000	344,000	No vacant public land.
	Redwillow.....	220		220		457,780	458,000	Rough land.
	Webster.....					366,000	366,000	No vacant public land.
	Total.....	208,978		208,978		5,664,022	5,873,000	
North Platte	Custer.....	17,100		17,100		448,900	466,000	Broken.
	Dawson.....	1,900		1,900		445,100	447,000	Do.
	Frontier.....					93,000	93,000	No vacant public land.
	Gosper.....					138,000	138,000	Do.
	Keith.....	119,358		119,358		482,642	602,000	Grazing.
	Lincoln.....	222,000		222,000		1,411,000	1,633,000	Broken and grazing.
	Logan.....	31,192		31,192		61,808	93,000	Grazing, broken, and sandy.
	McPherson.....	394,220		394,220		112,780	507,000	Grazing and sandy.
	Perkins.....	10,240		10,240		551,760	562,000	Do.
	Total.....	796,010		796,010		3,744,990	4,541,000	
O'Neill	Antelope.....	329		329		547,671	548,000	Sandy.
	Boone.....	10,451		10,451		173,549	184,000	Sandy, grazing.
	Boyd.....	42,650		42,650		300,350	343,000	Rough land.
	Brown.....	5,900		5,900		2,100	8,000	Sandy.
	Burt.....					299,000	299,000	No vacant public land.
	Cedar.....					472,000	472,000	Do.
	Cuming.....					368,000	368,000	Do.
	Dakota.....					154,000	154,000	Do.
	Dixon.....					292,000	292,000	Do.
	Dodge.....					348,000	348,000	Do.
	Douglas.....					212,000	212,000	Do.
	Garfield.....	187,910		187,910		180,090	368,000	Sandy and broken.
	Holt.....	132,282		132,282		1,413,718	1,548,000	Do.

	Keyapaha	7,860	7,860		42,140	50,000	Broken.
	Knox	2,201	2,201		708,799	711,000	Do.
	Loup	212,485	212,485		155,515	368,000	Sandy and broken.
	Madison				366,000	366,000	No vacant public land.
	Pierce				366,000	366,000	Do.
	Rock	52,480	52,480		31,520	84,000	Sandy.
	Sarpy				141,000	141,000	No vacant public land.
	Stanton				274,000	274,000	Do.
	Thurston				245,000	245,000	Do.
	Washington				236,000	236,000	Do.
	Wayne				284,000	284,000	Do.
	Wheeler	109,747	109,747		258,253	368,000	Sandy, grazing.
	Total	764,295	764,295		7,870,705	8,635,000	
Sidney	Banner	80,800	80,800	1,800	386,400	469,000	Grazing.
	Cheyenne	284,260	284,260	1,920	974,820	1,261,000	Do.
	Deuel	187,000	187,000		555,000	742,000	Do.
	Keith	16,800	16,800		84,200	81,000	Do.
	Kimball	142,040	142,040		465,960	608,000	Do.
	McPherson	28,000	28,000			28,000	Do.
	Perkins				12,000	12,000	No vacant public land.
	Scotts Bluff	24,720	24,720		43,280	68,000	Grazing.
	Total	763,620	763,620	3,720	2,501,660	3,269,000	
Valentine	Brown	321,726	321,726		273,274	595,000	Broken and sandy, grazing.
	Cherry	2,250,556	2,250,556	35,000	841,444	3,127,000	Sand hills and small valleys.
	Keyapaha	56,616	56,616		396,384	453,000	Rough and sandy.
	Rock	210,090	210,090		345,910	556,000	Broken and sandy.
	Total	2,838,988	2,838,988	35,000	1,857,012	4,731,000	
	Total in Nebraska	10,548,450	10,548,450	70,522	38,518,367	49,137,339	

NEVADA.

Carson City	Churchill	1,202,022	1,446,193	2,648,215	420,356	82,929	3,151,500	Mountainous, arid grazing land, little timber.
	Douglas	250,657	62,961	313,618		263,862	577,500	Do.
	Elko	5,651,206	2,781,733	8,432,939	1,800,887	821,694	11,055,500	Do.
	Esmeralda	2,865,580	2,406,362	5,267,942	259,200	61,858	5,589,000	Do.
	Eureka	774,130	1,461,945	2,236,075	371,528	76,897	2,684,500	Mountainous, arid grazing land, no timber.
	Humboldt	3,365,923	4,800,352	8,166,275	1,792,891	446,834	10,406,000	Do.
	Lander	1,123,405	1,934,459	3,057,864	336,577	98,559	3,493,000	Do.
	Lincoln	5,191,810	6,236,698	11,428,508	1,427	372,065	11,802,000	Do.
	Lyon	222,863	327,682	550,545	190,516	108,439	849,500	Do.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

NEVADA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Carson City—Continued.	Nye	<i>Acres.</i> 4,296,500	<i>Acres.</i> 6,757,226	<i>Acres.</i> 11,053,816	<i>Acres.</i> -----	<i>Acres.</i> 117,684	<i>Acres.</i> 11,171,500	Mountainous, arid grazing land, little timber.
	Ormsby	8,452	-----	8,452	1,920	72,128	82,500	Mountainous, arid grazing land, second growth.
	Storey	28,010	50,104	78,114	91,163	4,723	174,000	Mountainous, arid grazing land, no timber.
	Washoe	1,238,546	1,811,604	2,550,150	716,964	338,886	3,606,000	Mountainous, arid grazing land, second growth.
	White Pine	2,960,286	2,605,810	5,566,096	-----	127,904	5,694,000	Mountainous, arid grazing land, little timber.
	Total in district and State.	29,179,480	32,179,129	61,358,609	5,983,409	2,994,482	70,386,500	

NEW MEXICO.

Clayton	Colfax	547,324	-----	547,324	-----	82,676	630,000	Arid, broken, and grazing.
	Guadaloupe	2,642,842	115,380	2,758,222	-----	183,778	2,942,000	Grazing and broken.
	Mora	322,551	-----	322,551	-----	16,449	339,000	Grazing mostly, some broken.
	San Miguel	733,047	-----	733,047	-----	62,953	796,000	Grazing.
	Union	3,424,180	370,020	3,794,200	-----	345,800	4,140,000	Grazing and broken.
Total	7,669,944	485,400	8,155,344	-----	691,656	8,847,000		
Las Cruces	Donna Ana	4,113,367	682,445	4,795,812	335,378	121,810	5,253,000	Grazing, mountainous.
	Grant	3,857,453	1,472,577	5,330,030	7,414	648,556	5,986,000	Mountainous, some plains for grazing.
	Lincoln	67,859	251,825	319,684	70,000	10,316	400,000	Do.
	Sierra	1,527,183	274,379	1,801,562	74,875	96,563	1,973,000	Mountainous, grazing.
	Socorro	5,196,518	2,076,501	7,273,019	337,459	127,522	7,738,000	Mountainous, table lands for grazing.
	Total	14,762,380	4,757,727	19,520,107	825,126	1,004,767	21,350,000	
Roswell	Chaves	4,364,524	1,761,000	6,125,524	3,280	495,196	6,654,000	Grazing, rolling prairie.
	Eddy	1,804,456	2,253,741	4,058,197	6,300	255,503	4,320,000	Mostly prairie, some timber in mountains.

	Guadeloupe	6,720		6,720		1,280	8,000	Undulating, grazing prairie. Mountainous and grazing. Grazing land.
	Lincoln	2,888,849	1,859,027	4,747,876	300,000	335,124	5,383,000	
	Valencia	145,040		145,040		12,960	158,000	
	Total	9,239,589	5,873,768	15,113,357	309,580	1,100,063	16,523,000	
Santa Fe	Bernalillo	1,858,594	430,690	2,289,284	949,037	2,468,679	5,707,000	Mountainous, timber and grazing. Mountainous, grazing and agricul- tural. Do. Do. Mountainous, timber and grazing. Grazing and agricultural. Mountainous, timber and grazing. Do. Do. Do. Do. Do.
	Colfax	230,461	23,040	253,501		1,541,344	1,794,845	
	Guadeloupe	1,045,233	10,000	1,055,233		534,527	1,589,760	
	Mora	414,055	102,180	516,235		732,785	1,249,000	
	Rio Arriba	1,484,529	799,400	2,283,929	841,361	1,133,710	4,259,000	
	San Juan	1,025,184	484,440	1,509,624	1,958,400	228,976	3,697,000	
	San Miguel	845,952	89,860	935,812	202,550	1,192,638	2,331,000	
	Santa Fe	558,727	60,136	618,863	188,900	574,637	1,382,400	
	Socorro	1,129,903	128,080	1,257,983		890,017	2,148,000	
	Taos	304,430	358,721	663,151	119,931	686,918	1,470,000	
	Valencia	2,391,812	313,620	2,705,432	634,563	2,509,005	5,849,000	
	Total	11,238,880	2,800,147	14,039,027	4,894,742	12,493,236	31,477,005	
	Total in New Mexico	42,960,793	13,917,042	56,877,835	6,029,448	15,289,722	78,197,005	

NORTH DAKOTA.

Bismarck	Billings	63,600	3,481,500	3,545,100		46,400	3,591,500	Agricultural and grazing. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do.
	Burleigh	262,860		262,860		790,140	1,053,000	
	Eddy	1,433		1,433		21,517	23,000	
	Emmons	367,330		367,330		609,670	977,000	
	Foster	3,240		3,240		65,760	69,000	
	Kidder	271,360		271,360		621,640	893,000	
	Logan	263,500		263,500		374,500	638,000	
	McIntosh	205,720		205,720		420,280	628,000	
	McLean	962,660		962,660	2,560	366,780	1,332,000	
	Mercer	310,435	625,880	936,315	42,240	181,325	1,159,880	
	Morton	1,395,380		1,395,380	930,000	636,820	3,012,000	
	Oliver	198,640		198,640		255,360	454,000	
	Stark	1,054,920	1,458,120	2,513,040		510,080	3,023,120	
	Stutsman	335,320	22,000	357,320		133,680	541,000	
	Wells	193,810		193,810		359,190	553,000	
	Total	5,890,258	5,587,500	11,477,758	974,800	5,492,942	17,945,500	
Devils Lake	Benson	155,700		155,700	182,380	473,920	812,000		Prairie, farming. Prairie, some timber. Prairie. Do. Grazing. Do.
	Bottheau	200,500		200,500	91,040	439,460	731,000	
	Cavalier	6,080		6,080	7,040	106,380	119,500	
	Eddy	2,500		2,500	8,120	173,380	184,000	
	McHenry	877,700		877,700	62,560	274,240	1,214,500	
	McLean	231,110		231,110	17,920	72,970	322,000	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

NORTH DAKOTA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Devil's Lake— Continued.	Pierce.....	<i>Acres.</i> 406,060	<i>Acres.</i>	<i>Acres.</i> 406,060	<i>Acres.</i> 38,390	<i>Acres.</i> 232,550	<i>Acres.</i> 677,000	Grazing and farming. Prairie. Prairie, portion broken. Prairie. Do.
	Ramsey.....	1,200		1,200	10,630	227,170	239,000	
	Rolette.....	40,000		40,000	182,000	376,000	598,000	
	Towner.....	22,500		22,500	39,960	602,540	665,000	
	Wells.....	9,160		9,160	15,040	251,800	276,000	
	Total.....	1,952,510		1,952,510	655,080	3,230,410	5,838,000	
Fargo	Barnes.....	9,600		9,600	53,760	895,640	959,000	Farming and grazing lands. No vacant public land. Farming and grazing lands. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. No vacant public land.
	Cass.....				72,720	1,051,280	1,124,000	
	Dickey.....	52,060		52,060	40,960	639,980	733,000	
	Eddy.....	16,880		16,880	6,400	92,220	115,500	
	Foster.....	8,640		8,640	19,200	315,160	343,000	
	Griggs.....	21,370		21,370	25,600	411,030	458,000	
	Lamoure.....	28,000		28,000	40,960	668,040	737,000	
	Ransom.....	16,820		16,820	30,720	504,460	552,000	
	Richland.....	7,960		7,960	48,640	876,400	933,000	
	Sargent.....	5,620		5,620	30,720	517,660	554,000	
	Steele.....	250		250	27,050	433,700	461,000	
	Stutsman.....	42,940		42,940	51,200	819,360	913,500	
	Trall.....				32,000	522,000	554,000	
	Total.....	210,140		210,140	479,930	7,746,930	8,437,000	
Grand Forks	Benson.....	900		900		52,100	53,000	Farming and grazing lands. Do. Do. Do. Do. Do. Do. Do. Do.
	Cavalier.....	40,000		40,000		811,000	851,000	
	Eddy.....	21,000		21,000		67,000	88,000	
	Grand Forks.....	320		320		912,180	912,500	
	Nelson.....	3,200		3,200		631,800	635,000	
	Pembina.....	480		480		726,520	727,000	
	Ramsey.....	50,600		50,600		474,400	525,000	
	Walsh.....	4,500		4,500		822,500	827,000	
	Total.....	121,000		121,000		4,497,500	4,618,500	
Minot	Billings.....		195,000	195,000	172,000		367,000	Grazing and broken farming lands. Prairie. Grazing and broken farming lands.
	Bottineau.....	355,702		355,702		4,285	359,987	
	McLean.....	194,058	82,021	276,079	181,000	3,921	461,000	

Mercer				62,000		62,000	Do.
Stark		606,200	606,200	92,800		699,000	Do.
Ward	2,392,343	904,349	3,296,692	288,000	288,308	3,873,000	Do.
Williams	601,267	1,482,265	2,083,532	145,000	13,468	2,242,000	Do.
Total	3,543,370	3,269,835	6,813,205	940,800	309,982	8,063,987	
Total in North Dakota.	11,717,278	8,857,835	20,574,613	3,050,610	21,277,764	44,902,987	

OKLAHOMA.

Alva	Woods	372,513		372,513	41,970	1,317,517	1,732,000	Broken prairie, timber, grazing, and agricultural lands.
Enid	Garfield				74,462	565,538	640,000	No vacant public land.
	Grant	1,280		1,280	75,335	595,385	672,000	Sandy and rolling.
	Total	1,280		1,280	149,797	1,160,923	1,312,000	
Guthrie	Lincoln	32		32	56,702	333,266	390,000	Grazing and farming.
	Logan				16,894	343,106	360,000	No vacant public land.
	Oklahoma				3,840	88,160	92,000	Do.
	Payne				55,994	265,006	321,000	Do.
	Total	32		32	133,430	1,029,538	1,163,000	
Kingfisher	Blaine	17,880		17,880	237,040	273,080	528,000	Mountainous, timber, and prairie.
	Canadian	760		760	39,360	98,880	139,000	Grazing and agricultural lands.
	Custer	91,264		91,264	51,520	178,216	321,000	Agricultural and grazing lands.
	D	274,050		274,050	103,360	259,590	637,000	Grazing lands.
	Day	587,260		587,260	38,400	40,340	666,000	Do.
	Kingfisher	190		190	74,240	493,570	568,000	Agricultural.
	Logan				6,400	105,600	112,000	No vacant public land.
	Oklahoma				1,280	21,720	23,000	Do.
	Roger Mills	91,600		91,600	12,160	31,240	135,000	Grazing lands.
	Total	1,063,004		1,063,004	563,760	1,502,236	3,129,000	
Mangum	Greer	664,917	2,860	667,777		843,798	1,511,575	Prairie, farming, and grazing.
Oklahoma	Blaine				55,000	10,000	65,000	No vacant public land.
	Canadian				181,420	200,580	382,000	Do.
	Cleveland				80,000	268,000	348,000	Do.
	Custer	9,000		9,000	80,000	237,000	326,000	Broken and rocky.
	I				646,000		646,000	No vacant public land.
	Lincoln				118,000	111,000	229,000	Do.
	Oklahoma	3,270		3,270	36,720	308,010	348,000	Broken and rocky.
	Pottawatomie				273,940	227,060	501,000	No vacant public land.

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

OKLAHOMA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Oklahoma—Continued.	Roger Mills.....	<i>Acres.</i> 108,000		<i>Acres.</i> 108,000	<i>Acres.</i> 40,000	<i>Acres.</i> 474,000	<i>Acres.</i> 622,000	Broken and rocky. Do.
	Washita.....	18,000		18,000	109,000	501,000	628,000	
	Total.....	138,270		138,270	1,620,080	2,336,650	4,095,000	
Perry.....	Kay.....				46,579	526,421	573,000	No vacant public land. Do. Broken. No vacant public land.
	Noble.....				30,845	367,655	398,000	
	Pawnee.....	2,153		2,153	30,949	299,898	333,000	
	Payne.....				10,842	152,158	163,000	
	Total.....	2,153		2,153	118,715	1,846,132	1,467,000	
Woodward.....	Beaver.....	3,255,955		3,255,955		425,045	3,681,000	Grazing and farming lands. Do.
	Woodward.....	1,506,238		1,506,238	40,320	577,442	2,124,000	
	Total.....	4,762,193		4,762,193	40,320	1,002,487	5,805,000	
Indian reservations, unassigned.	Kansas.....				100,137		100,137	} No vacant public land.
	Kiowa, Comanche, and Apache.				2,968,893		2,968,893	
	Osage.....				1,470,058		1,470,058	
	Total.....				4,539,088		4,539,088	
	Total in Oklahoma..	7,004,362	2,860	7,007,222	7,207,160	10,589,281	24,753,663	

OREGON.

Burns.....	Baker.....	231,703	39,993	271,696		39,304	311,000	Principally grazing; some timber. Do. Do. Principally grazing; some farming. Do.
	Crook.....	137,066		137,066		108,434	245,500	
	Grant.....	1,131,506	128,908	1,260,414		294,586	1,555,000	
	Harney.....	2,270,802	470,928	2,741,730		717,270	3,459,000	
	Malheur.....	1,927,482	1,889,657	3,817,139		414,361	3,731,500	
	Total.....	5,698,559	2,029,486	7,728,045		1,573,955	9,302,000	

Lagrande	Baker	726,243	42,467	768,710		397,290	1,166,000	60 per cent timbered mountains, 5 per cent arid, 25 per cent grazing, 10 per cent farming.
	Grant	1,011,790	60,821	1,072,611		292,389	1,365,000	50 per cent timbered mountains, 35 per cent grazing, 15 per cent farming.
	Morrow	282,220		282,220		228,780	511,000	25 per cent timbered mountains, 40 per cent grazing, 25 per cent arid, 10 per cent farming.
	Umatilla	842,203	45,672	887,875	151,360	951,765	1,991,000	30 per cent timbered mountains, 30 per cent arid, 30 per cent grazing, 10 per cent farming.
	Union	854,106	481,833	1,335,939		692,061	2,028,000	75 per cent timbered mountains, 20 per cent grazing, 5 per cent farming.
	Wallowa	703,351	754,038	1,457,389		824,611	1,782,000	65 per cent timbered mountains, 25 per cent grazing, 10 per cent farming.
	Total	4,419,913	1,384,831	5,804,744	151,360	2,886,896	8,849,000	
Lakeview	Crook	1,057,045	189,665	1,246,710		214,282	1,460,218	One-tenth mountainous, two-tenths agricultural, seven-tenths grazing.
	Douglas					45,000	45,000	No vacant public land.
	Harney	1,335,000	1,546,362	2,881,362		273,238	3,154,600	One-tenth mountainous, three-tenths agricultural, six-tenths grazing.
	Klamath	1,286,081	470,000	1,756,081	972,053	777,626	3,505,760	Two-tenths timber, three-tenths agricultural, five-tenths grazing.
	Lake	2,806,935	1,403,325	4,210,260	137,000	702,040	5,049,300	Three-tenths timber, one-tenth mountainous, three-tenths agricultural, three-tenths grazing.
	Lane					147,000	147,000	No vacant public land.
	Malheur	1,125,578	1,410,229	2,535,807	1,130	122,563	2,659,500	One-tenth mountainous, three-tenths agricultural, six-tenths grazing.
	Total	7,610,639	5,019,581	12,630,220	1,516,465	2,017,685	16,164,370	
Oregon City	Benton	21,454	12,800	34,254	10,880	272,366	317,500	Broken grazing lands.
	Clackamas	295,360	23,110	318,479	286,850	529,111	1,134,440	Timbered, farming, and grazing lands.
	Clatsop	60,938	6,616	67,554	800	459,266	527,620	Timbered and grazing lands.
	Columbia	5,342		5,342		428,398	433,740	Rolling and broken timber lands.
	Crook					142,500	142,500	No vacant public land.
	Lincoln	84,262	9,952	183,783	168,000	196,097	547,880	Timber and grazing lands, broken.
	Linn	147,278	96,000	243,278	230,000	532,222	1,005,500	Timber and grazing lands.
	Marion	99,457	9,374	108,831	105,860	503,559	718,250	Farming and timber lands, broken.
	Multnomah	8,199	17,831	26,030	40,934	230,556	297,520	Timber lands.
	Polk	56,358	33,895	95,253	24,920	355,827	476,000	Broken, timber, and grazing lands.
	Tillamook	293,031	193,093	486,124		243,516	729,640	Timber and grazing lands, broken.
	Wasco				153,840	3,160	157,000	No vacant public land.
	Washington	89,434		89,434		370,726	460,160	Rolling, timber, and grazing lands.
	Yamhill	25,861	2,340	28,201	12,796	374,503	415,500	Do.
	Total	1,186,983	499,580	1,686,563	1,177,380	4,499,307	7,363,250	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

OREGON—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Roseburg	Benton.....	<i>Acres.</i> 10,826	<i>Acres.</i> 7,680	<i>Acres.</i> 18,506	<i>Acres.</i> 8,699	<i>Acres.</i> 102,994	<i>Acres.</i> 121,500	Timber and grazing lands. Timber, agricultural. No vacant public land. Mountainous, timber. Hilly, grazing, and agricultural. Timber, grazing, fruit. Hilly, grazing, and farming. Timber. Timber, grazing, and farming. Broken, grazing. Hilly, grazing.
	Coos.....	159,691	271,619	431,310	98,360	749,591	1,189,600	
	Crook.....						88,360	
	Curry.....	182,552	572,928	755,480		252,420	1,007,900	
	Douglas.....	197,705	513,497	711,202	609,800	1,710,458	3,081,460	
	Jackson.....	441,589	91,901	533,490	196,347	1,049,825	1,779,662	
	Josephine.....	114,326	656,769	771,095		300,921	1,072,016	
	Klamath.....	10,732	27,893	38,625	195,726	46,719	281,100	
	Lane.....	426,371	263,823	690,194	812,125	1,177,181	2,679,500	
	Lincoln.....	62,750	6,019	68,769		30,731	99,500	
	Linn.....	83,326	87,942	171,268	142,240	217,992	531,500	
	Total.....	1,689,898	2,500,071	4,189,969	2,063,297	5,638,832	11,892,098	
	The Dalles.....	Clackamas.....	7,560	9,180	16,740	600	160		17,500	Lands in district are broken and hilly, and principally adapted to grazing purposes. There are some small valleys and some undulating tablelands which constitute good farming lands. Greater portion is broken, hilly, and mountainous.
Crook.....		2,160,501	132,000	2,292,501	453,000	507,999	3,253,500	
Gilliam.....		257,869	35,300	293,169		824,331	1,117,500	
Grant.....		409,232	11,117	420,349	45,000	95,651	561,000	
Morrow.....		97,596		97,596		705,904	803,500	
Sherman.....		37,502	1,900	39,402	25,600	416,498	481,500	
Wasco.....		519,511	179,060	698,571	35,000	1,093,429	1,827,000	
Total.....		3,489,771	368,557	3,858,328	559,200	3,643,972	8,061,500	
Total in Oregon.....	24,095,763	11,802,106	35,897,869	5,487,702	20,260,647	61,626,218		

SOUTH DAKOTA.

Aberdeen.....	Brown.....	560		560	60,110	1,084,330	1,095,000	Hay land and sandy. Agricultural and grazing. Do. Do. Do.
	Campbell.....	71,980		71,980	36,720	383,300	492,000	
	Edmunds.....	23,160		23,160	43,200	658,640	725,000	
	McPherson.....	52,200		52,200	40,482	644,318	737,000	
	Walworth.....	56,450		56,450	26,240	389,310	472,000	
	Total.....	204,350		204,350	206,752	3,109,898	3,521,000	

Chamberlain	Brule	15,297		15,297		518,703	534,000	Broken and grazing lands. Do. Do. Agricultural and grazing lands. Pine Ridge Indian Reservation. Rough and rolling grazing lands. Rosebud Indian Reservation. Agricultural and grazing lands. broken. Rolling prairie, grazing and farm lands. Do. Rosebud Indian Reservation. Pine Ridge Indian Reservation.
	Buffalo	14,135		14,135		297,365	311,500	
	Gregory	66,137		66,137	496,957	77,906	641,000	
	Jackson	257,255	118,780	376,035	379,000	2,965	758,000	
	Lugenbeel				693,000		693,000	
	Lyman	128,785		128,785	308,540	136,675	574,000	
	Meyer				900,000		900,000	
	Nowlin	186,002		186,002		7,998	194,000	
	Pratt	323,076		323,076	376,210	18,714	718,000	
	Presho							
	Tripp	246,227		246,227	485,760	140,513	872,500	
	Washabaugh				957,000		957,000	
				761,000		761,000		
Total	1,236,914	118,780	1,355,694	5,357,467	1,200,839	7,914,000		
Huron	Beadle	815		815		781,773	782,588	Hilly and stony. Level farming. Gently rolling. Smooth and fertile. Broken. Lake beds and broken.
	Faulk	18,570		18,570		626,062	644,632	
	Hand	18,969		18,969		900,682	919,651	
	Hyde	31,572		31,572	54,720	466,588	552,880	
	Potter	55,879		55,879		511,322	567,201	
	Spink	1,698		1,698		961,355	963,053	
	Total	127,503		127,503	54,720	4,247,782	4,430,005	
Mitchell	Aurora	320		320		454,680	455,000	Swampy grazing lands. Do. 90 per cent level prairie, soil black and rich; 10 per cent broken or swampy grazing land. Swampy grazing lands. Rough, broken. Swampy grazing lands. No vacant public land. Do. Broken grazing lands. No vacant public land. Do. Do. Swampy grazing lands. No vacant public land. Swampy grazing lands. Do. No vacant public land. Swampy grazing lands. Do.
	Bonhomme	125		125		362,375	362,500	
	Charles Mix	38,000		38,000		672,000	710,000	
	Clay							
	Davison	56		56		253,944	254,000	
	Douglas	40		40		276,460	276,500	
	Hanson	68		68		288,932	289,000	
	Hutchinson					278,000	278,000	
	Jerauld					528,000	528,000	
	Lake	1,790		1,790		344,210	346,000	
	Lincoln					358,000	358,000	
	McCook					370,000	370,000	
	Miner					368,000	368,000	
	Minnehaha	40		40		366,960	367,000	
	Moody					511,000	511,000	
	Sanborn	42		42		330,958	331,000	
	Turner	80		80		360,920	361,000	
	Union	71		71		393,000	393,000	
	Yankton	31		31		281,929	282,000	
						328,969	329,000	
Total	40,663		40,663		7,128,337	7,169,000		

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

SOUTH DAKOTA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.	
		Surveyed.	Unsurveyed.	Total.					
Pierre.....	Arnstrong	<i>Acres.</i> 2,477		<i>Acres.</i> 2,477	<i>Acres.</i> 935,478	<i>Acres.</i> 2,545	<i>Acres.</i> 940,500	Grazing and farming.	
	Boreman				1,580,000		1,580,000	Indian reservation.	
	Dewey				602,000		602,000	Do.	
	Hughes	95,556		95,556	92,160	302,284	490,000	Level farming land.	
	Nowlin	479,520		479,520		30,480	510,000	Grazing and farming land.	
	Pratt	12,448		12,448		4,552	17,000	Level grazing land.	
	Schnasse				274,000		274,000	Indian reservation.	
	Stanley	689,266		689,266	133,664	148,620	971,550	Farming and grazing.	
	Sterling	418,507		418,507	181,177	56,818	656,500	Do.	
	Sully	6,909		6,909	44,088	620,003	671,000	Very level; farming.	
	Unassigned				59,000		59,000	No vacant public land.	
	Total	1,704,683		1,704,683	3,901,567	1,165,300	6,771,550		
	Rapid City.....	Butte	1,254,568		1,254,568		230,432	1,485,000	Agricultural and grazing.
		Choteau	503,095		503,095		31,905	535,000	Do.
Custer		313,507	469,117	782,624		218,378	1,001,000	Broken, agricultural, and mineral.	
Delano		630,400		630,400		41,600	672,000	Rolling prairie.	
Ewing		235,247	408,593	643,840		12,160	656,000	Do.	
Fall River		692,318	8,100	700,418		412,582	1,113,000	Part hilly; agricultural and grazing land.	
Harding		651,421	157,632	809,053		125,947	935,000	Agricultural and grazing land.	
Lawrence		15,955	329,432	345,387		172,613	518,000	Rough and broken, timber, mineral, and agricultural land.	
Martin		460,120		460,120		26,880	487,000	Agricultural and grazing land.	
Meade		303,590	23,640	327,170	10,000	531,830	869,000	Part hilly and part prairie, agricultural and timber land.	
Pennington		213,492	369,073	582,565		352,435	935,000	Do.	
Rinehart		502,040		502,040			28,960	531,000	Rolling prairie.
Scobey		572,563		572,563		57,437	630,000	Broken and well watered.	
Shannon					688,000		688,000	Pine Ridge Indian Reservation.	
Wagner		457,720		457,720		29,280	487,000	Rolling prairie.	
Washington		88,595	148,385	236,980	704,000	7,040	948,000	Agricultural and grazing.	
Ziebach		583,154	59,810	642,964		48,036	691,000	Broken prairie land.	
Total		7,477,725	1,973,762	9,451,487	1,402,000	2,327,513	13,181,000		

Watertown.....	Beadle					23,000	23,000	No vacant public land.
	Brookings	160		160		502,840	503,000	Level prairie, soil black and rich.
	Clark	12,190		12,190		597,510	610,000	Do.
	Codington	65		65		429,935	430,000	Do.
	Day	4,056		4,056		665,944	670,000	Do.
	Deuel	159		159		399,841	400,000	Do.
	Grant	1,262		1,262		429,738	431,000	Do.
	Hamlin	46		46		333,954	334,000	Do.
	Kingsbury	198		198		518,802	519,000	Do.
	Marshall	54,896		54,896		504,104	559,000	Do.
	Roberts	25,414		25,414		667,586	693,000	Do.
	Total.....	98,446		98,446		5,073,554	5,172,000	
	Total in South Dakota.	10,890,284	2,092,542	12,982,826	10,922,536	24,253,223	48,158,555	

UTAH.

Salt Lake City....	Beaver	286,220	1,307,156	1,593,376		55,624	1,649,000	Generally arid and mountainous.
	Boxelder	1,431,429	1,134,459	2,565,888	347,132	574,980	3,488,000	Do.
	Cache	104,053	295,410	399,468	89,483	277,049	766,000	Do.
	Carbon	281,463	649,297	930,700		44,240	975,000	Do.
	Davis	49,161	12,389	61,550		118,450	180,000	Do.
	Emery	317,381	2,401,036	2,718,417		110,583	2,829,000	Do.
	Garfield	352,676	2,843,239	3,195,915	13,786	38,299	3,248,000	Do.
	Grand	142,474	2,249,444	2,391,918		9,082	2,401,000	Do.
	Iron	476,829	1,495,370	1,972,199		131,801	2,104,000	Do.
	Juab	603,407	1,434,228	2,037,635	13,900	70,465	2,122,000	Do.
	Kane	380,898	2,314,948	2,695,846		20,154	2,716,000	Do.
	Millard	1,391,024	2,716,616	4,107,640	15,020	142,340	4,265,000	Do.
	Morgan	42,583	234,043	276,626	43,089	66,285	386,000	Do.
	Piute	71,656	364,572	436,228	5,560	42,212	484,000	Do.
	Rich	397,916	80,571	478,487	60,699	138,814	678,000	Do.
	Salt Lake	45,818	138,493	184,311	24,987	286,702	496,000	Do.
	San Juan	13,679	5,063,201	5,076,880		1,120	5,078,000	Do.
	Sanpete	310,109	437,259	747,368	16,800	238,832	1,003,000	Do.
	Sevier	544,479	564,658	1,109,137	12,321	95,542	1,217,000	Do.
	Summit	499,550	120,654	620,204	502,609	141,187	1,264,000	Do.
	Tooele	1,015,410	3,281,076	4,296,486	6,412	128,102	4,431,000	Do.
	Uinta	177,320	1,114,799	1,292,119	1,982,720	54,161	3,329,000	Do.
	Utah	240,836	678,754	919,590	192,425	250,985	1,363,000	Do.
	Wasatch	80,994	547,963	628,957	1,986,560	55,483	2,671,000	Do.
	Washington	250,128	1,280,293	1,530,421		31,579	1,562,000	Do.
	Wayne	238,715	1,243,037	1,481,752		43,248	1,525,000	Do.
	Weber	69,897	118,821	188,718	69,964	91,313	350,000	Do.
	Total in district and Territory.	9,816,110	34,121,786	43,937,896	5,383,467	3,258,637	52,520,000	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

WASHINGTON.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
North Yakima	Douglas	Acres. 429,003	Acres. 161,000	Acres. 590,003	Acres. -----	Acres. 444,847	Acres. 1,084,850	Rolling prairie, hilly, grazing. Grazing prairie, hilly, and timber. Grazing, arid prairie, and timber.
	Kittitas	234,709	153,810	388,519	58,373	648,238	1,095,130	
	Yakima	270,479	544,500	814,979	1,285,000	1,447,821	3,547,800	
	Total	934,191	859,310	1,793,501	1,343,373	2,540,906	5,677,780	
Olympia	Chehalis	24,438	7,680	32,118	395,529	814,938	1,242,585	Mountainous timbered lands. No vacant public land. Mountainous timbered land. Do. Do. Do. Do. Do. Do.
	Jefferson	-----	-----	-----	98,906	33,148	132,054	
	King	1,960	125,854	127,814	1,350	59,507	188,671	
	Kitsap	678	-----	678	-----	58,852	59,530	
	Lewis	2,960	7,680	10,640	75,000	81,690	167,330	
	Mason	14,075	5,620	19,695	165,645	442,466	627,806	
	Pacific	14,531	19,680	34,211	-----	47,430	81,641	
	Pierce	7,411	20,488	27,899	271,850	615,360	915,109	
	Thurston	6,255	12,700	18,955	1,360	449,453	469,768	
	Total	72,308	199,702	272,010	1,009,640	2,602,844	3,884,494	
Seattle	Clallam	23,275	23,217	46,492	682,759	431,989	1,161,240	Mountainous and broken, good supply of excellent timber. No vacant public land. Broken and timbered. Broken, and has good supply of timber. No vacant public land. Do. Broken, with but little good timber. Broken, and heavily timbered. Do. Do.
	Island	-----	-----	-----	2,193	127,527	129,720	
	Jefferson	2,180	27,046	29,206	785,006	219,148	983,360	
	King	13,188	412,141	425,329	6,400	686,151	1,117,880	
	Kitsap	-----	-----	-----	8,214	182,286	190,500	
	Pierce	-----	-----	-----	1,038	44,962	46,000	
	San Juan	1,925	-----	1,925	2,955	96,120	101,000	
	Skagit	86,055	322,895	408,950	348,476	413,574	1,171,000	
	Snohomish	24,158	210,055	234,213	381,935	579,032	1,195,180	
	Whatcom	28,423	74,137	102,560	905,480	397,640	1,405,680	
	Total	179,184	1,069,491	1,248,675	3,074,456	3,178,429	7,501,560	
Spokane	Adams	156,885	-----	156,885	-----	577,115	734,000	Arid lands, valuable for fruit and grain. Arid lands. Farming and grazing. No vacant public land. Farming, mineral, and fruit.
	Douglas	-----	1,500	1,500	-----	-----	1,500	
	Lincoln	211,676	8,483	220,159	700	1,269,391	1,490,250	
	Okanogan	-----	-----	-----	274,500	-----	274,500	
	Spokane	38,262	68,880	107,142	-----	1,027,568	1,134,700	

Vancouver	Stevens	318,885	1,198,483	1,517,368	1,703,779	730,353	3,951,500	Mountainous, valuable for farming and mines. Farming and grazing.	
	Whitman	19,452		19,452		633,848	633,300		
	Total	745,160	1,277,346	2,022,506	1,973,979	4,238,265	8,239,750		
	Clarke	23,135	59,110	82,245	636	319,279	402,160		Timbered and agricultural. Do.
	Cowlitz	58,133	122,800	180,933		555,487	736,420		
	Klickitat	328,603	20,000	348,603	36,639	528,758	914,000		Timbered, agricultural, grazing. Timbered and agricultural. Do.
	Lewis	42,200	336,000	378,200	300,000	653,020	1,331,220		
	Pierce	29,433	65,400	94,833	902	361,705	457,500		Timbered. Do. Do.
	Skamania	38,330	13,500	13,500			13,500		
	Wahkiakum	12,800	295,000	333,330	585,000	128,170	1,046,500		
Total	532,634	911,810	1,444,444	923,817	2,749,039	5,117,300			
Walla Walla	Adams	151,062		151,062	271,304	63,634	486,000	Prairie, farming, and grazing lands. Mountainous; some timber, and prairie. Mountainous; some timber, and farming lands. Prairie, grazing lands; no timber. Farming. Grazing and farming; some timber. Do. Prairie, farming, and grazing lands. Desert and grazing lands; no timber.	
	Asotin	135,674	114,480	250,154	13,180	141,166	404,500		
	Columbia	32,901	153,458	186,359	117,200	249,441	553,000		
	Franklin	304,172		304,172	426,540	54,788	785,500		
	Garfield	31,990	96,680	128,670	75,474	248,356	452,500		
	Klickitat	229,325		229,325	202,791	67,384	499,500		
	Walla Walla	125,073		125,073	303,530	405,897	834,500		
	Whitman	61,955		61,955	255,182	393,363	710,500		
	Yakima	62,660		62,660	106,890	44,750	214,300		
	Total	1,134,812	364,618	1,499,430	1,772,091	1,668,779	4,940,300		
Waterville	Douglas	940,089	57,918	998,007		867,003	1,865,010	Prairie, farming, and grazing. Mountainous, timber, and farming. Do.	
	Kittitas	137,498	863,306	1,000,804		104,336	1,105,140		
	Okanogan	643,552	2,519,653	3,163,205	1,028,989	160,556	4,352,750		
	Total	1,721,139	3,440,877	5,162,016	1,028,989	1,131,895	7,322,900		
	Total in Washington	5,319,428	8,123,154	13,442,582	11,131,345	18,110,157	42,684,064		

WISCONSIN.

Ashland	Ashland	2,131		2,131	113,300	562,569	678,000	Rolling, mixed timber lands. Mixed timber and pine barrens. Rolling, timbered, and open lands. Rolling, mixed timber, and open lands. Timbered lands. Timber and barrens. Do.
	Bayfield	50,720		50,720	11,033	893,247	955,000	
	Burnett	34,694		34,694		69,306	104,000	
	Douglas	68,820		68,820		775,180	844,000	
	Iron	2,057		2,057		180,943	183,000	
	Sawyer	6,139		6,139		221,861	228,000	
	Washburn	26,759		26,759		152,241	179,000	
	Total	191,320		191,320	124,333	2,855,347	3,171,000	

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

WISCONSIN—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
Eau Claire	Adams					41,000	41,000	No vacant public land.
	Barron	540		540		559,460	560,000	Level timber lands.
	Buffalo	155		155		432,845	433,000	Broken, agricultural lands.
	Burnett	52,600		52,600		403,400	456,000	Ordinary agricultural lands.
	Chippewa	4,200		4,200		1,249,800	1,254,000	Timbered lands.
	Clark	840		840		777,160	778,000	Do.
	Columbia					126,000	126,000	No vacant public land.
	Crawford	40		40		356,960	357,000	Broken lands.
	Dane					327,000	327,000	No vacant public land.
	Dunn	2,280		2,280		559,720	542,000	Timbered lands.
	Eau Claire	1,795		1,795		4,4,205	416,000	Arid lands.
	Grant	80		80		731,920	732,000	Broken lands.
	Green					279,000	279,000	No vacant public land.
	Iowa					485,000	485,000	Do.
	Jackson	3,348		3,348		629,652	633,000	Arid lands.
	Juneau					98,000	98,000	No vacant public land.
	La Crosse	200		200		293,800	294,000	Broken lands.
	Lafayette					411,000	411,000	No vacant public land.
	Marquette					22,000	22,000	Do.
	Monroe	6,040		6,040		575,860	582,000	Arid lands.
	Pepin	80		80		149,920	150,000	Broken lands.
	Pierce	160		160		366,840	367,000	Broken, timbered lands.
	Polk	9,600		9,600		587,400	597,000	Arid lands.
	Price	5,000		5,000		499,000	504,000	Timbered lands.
	Richland					379,600	379,000	No vacant public land.
	St. Croix					458,000	458,000	Do.
	Sauk	40		40		536,960	537,000	Broken lands.
	Sawyer	12,560		12,560		629,440	642,000	Timbered lands.
	Taylor	2,900		2,900		460,100	463,000	Do.
	Trempealeau	160		160		468,840	469,000	Broken lands.
	Vernon	160		160		528,840	527,000	Do.
	Washburn	16,000		16,000		350,000	366,000	Timbered lands.
	Total	118,778		118,778		14,166,222	14,285,000	

Wausau	Adams	6,185	6,185	385,815	392,000	Scrubby oak openings, sandy.
	Brown			335,000	335,000	No vacant public land.
	Calumet			211,000	211,000	Do.
	Columbia	40	40	380,960	381,000	Broken and swamp lands.
	Dane			445,000	445,000	No vacant public land.
	Dodge			574,000	574,000	Do.
	Door	40	40	315,960	316,000	Swampy.
	Florence	3,040	3,040	300,960	304,000	Broken timbered lands.
	Fond du Lac			458,000	458,000	No vacant public land.
	Forest	6,840	6,840	680,160	687,000	Heavily timbered lands.
	Green			97,000	97,000	No vacant public land.
	Green Lake			226,000	226,000	Do.
	Iron	6,204	6,204	305,276	323,000	Timbered and swamp lands.
	Jefferson			351,000	351,000	No vacant public land.
	Juneau	2,278	2,278	406,722	409,000	Scrub-oak openings, sandy.
	Kenosha			183,000	183,000	No vacant public land.
	Kewaunee			226,000	226,000	Do.
	Langlade	2,360	2,360	568,640	571,000	Hard-wood timber.
	Lincoln	6,526	6,526	574,474	581,000	Heavily timbered, some swampy.
	Manitowoc			394,000	394,000	No vacant public land.
	Marathon	305	305	1,004,695	1,005,000	Swampy.
	Marquette	11,815	11,815	871,185	883,000	Timbered, quite sandy.
	Milwaukee	140	140	267,860	268,000	Swampy.
	Oconto	2,207	2,207	154,000	154,000	No vacant public land.
	Oneida	32,713	32,713	630,673	702,000	Timbered lands.
	Outagamie			680,287	713,000	Heavily timbered, part swampy.
	Ozaukee			413,000	413,000	No vacant public land.
	Portage			150,000	150,000	Do.
	Price	485	485	513,515	514,000	Swampy and sandy.
	Racine	8,204	8,204	307,796	316,000	Hard-wood timber.
	Rock			210,000	210,000	No vacant public land.
	Shawano			460,000	460,000	Do.
	Sheboygan			630,200	733,000	Do.
	Taylor	485	485	325,000	325,000	Do.
	Vilas	13,072	13,072	157,515	158,000	Hard-wood timber.
	Walworth			553,348	624,000	Heavily timbered, part swampy.
	Washington			361,000	361,000	No vacant public land.
	Waukesha			284,000	284,000	Do.
	Waupaca	80	80	366,000	366,000	Do.
	Waushara	240	240	492,920	493,000	Swampy.
	Winnebago			420,760	421,000	Swampy and sandy.
	Wood	442	442	238,000	288,000	No vacant public land.
				513,558	514,000	Swampy.
	Total	103,701	103,701	241,020	17,474,279	17,819,000
	Total in Wisconsin	413,799	413,799	365,353	34,495,848	35,275,000

Statement, by States, Territories, and land districts, and counties where practicable, showing area of land unappropriated, etc.—Cont'd.

WYOMING.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Buffalo.....	Bighorn.....	Acres. 2,620,974	Acres. 633,240	Acres. 3,254,214	Acres. -----	Acres. 140,786	Acres. 3,395,000	One-half timber and grazing, balance agricultural, when reclaimed by large ditches.
	Converse.....	12,000	-----	12,000	-----	-----	12,000	Grazing.
	Crook.....	319,517	-----	319,517	320	8,163	328,000	Do.
	Fremont.....	13,596	-----	13,596	-----	11,404	25,000	Do.
	Johnson.....	2,387,632	35,200	2,422,832	-----	233,168	2,656,000	Agricultural, grazing, coal, oil, gold, silver, and copper.
	Natrona.....	74,360	-----	74,360	-----	2,640	77,000	Grazing.
	Sheridan.....	1,074,367	215,000	1,289,367	-----	359,633	1,649,000	Timber, stone, grazing, coal, gold, silver, and agricultural.
	Weston.....	308,000	-----	308,000	-----	1,000	309,000	Grazing.
	Total.....	6,810,446	883,440	7,693,886	320	756,794	8,451,000	
Cheyenne.....	Albany.....	1,669,994	46,080	1,746,074	328,154	783,772	2,858,000	About one-half county broken, mountainous land; some timber. Other half prairie, grazing, and farming lands; farm land along streams.
	Carbon.....	3,361,308	322,560	3,683,868	1,030,281	418,851	5,133,000	Greater portion broken, mountainous land, some timber; agricultural land along streams.
	Fremont.....	207,581	32,979	240,560	-----	1,440	242,000	Mountainous, arid, timber.
	Laramie.....	2,869,253	23,040	2,892,293	79,626	1,424,081	4,396,000	Principally prairie and broken grazing lands, with agricultural land along streams which can be irrigated.
	Sweetwater.....	716,774	-----	716,774	263,986	240	981,000	Mountainous, broken, and alkaline plains.
		Total.....	8,854,910	424,659	9,279,569	1,702,047	2,628,384	13,610,000
Douglas.....	Converse.....	3,904,981	6,400	3,911,381	-----	273,619	4,185,000	Grazing, mountainous, and mineral.
	Fremont.....	613,140	331,939	945,079	-----	15,921	961,000	Grazing and mountainous.
	Natrona.....	2,971,764	252,920	3,224,684	-----	137,316	3,362,000	Grazing, mineral, and mountainous.
		Total.....	7,489,885	591,259	8,081,144	-----	426,856	8,508,000

Evanston	Fremont	1,008,710	746,771	1,755,481	107,680	14,839	1,878,000	Mountainous, broken, arid, timbered. Alkaline plains, mountainous, broken. Mountainous, grazing, broken, timbered.
	Sweetwater	5,200,079	477,214	5,677,293	33,600	49,107	5,760,000	
	Uinta	3,572,898	965,601	4,538,499	9,598	357,903	4,906,000	
	Tota.....	9,781,687	2,189,586	11,971,273	150,878	421,849	12,544,000	
Lander	Bighorn	2,384,097	880,888	3,214,985	989,464	142,551	4,347,000	Arid, grazing, agricultural, timber, and mountainous. Arid, grazing, mountainous, fertile valleys. No vacant public land. Arid, grazing, mountainous, timber, and mineral.
	Fremont	1,966,342	745,921	2,712,263	2,286,526	70,211	5,069,000	
	National Park				1,897,000		1,897,000	
	Uinta	589,887	419,456	1,009,343	1,132,805	18,852	2,161,000	
	Total	4,890,326	2,046,265	6,936,591	6,305,795	231,614	13,474,000	
Sundance	Converse	101,562		101,562		1,438	103,000	Prairie and grazing lands; good for farming. Semi-mountainous, with fertile val- leys. Timber, grazing, and farming lands.
	Crook	2,756,855		2,756,855	12,003	389,142	3,158,000	
	Weston	2,260,383		2,260,383		324,617	2,585,000	
	Total	5,118,800		5,118,800	12,003	715,197	5,846,000	
	Total in Wyoming	42,946,054	6,135,209	49,081,263	8,171,043	5,180,694	62,433,000	

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Statement by States, Territories, and land districts, etc.—Continued.

RECAPITULATION BY STATES AND TERRITORIES.

State or Territory.	Area unappropriated and unre-served.			Area reserved.	Area ap-propriated.	Total area of land surface in State or Territory.
	Surveyed.	Unsur-veyed.	Total.			
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama	522, 373		522, 373	86, 240	32, 049, 387	32, 658, 000
Arizona	11, 930, 820	42, 438, 203	54, 369, 023	12, 738, 022	5, 685, 455	72, 792, 500
Arkansas	3, 696, 990		3, 696, 990	1, 920	29, 844, 590	33, 543, 500
California	34, 272, 434	8, 230, 539	42, 503, 023	16, 189, 170	40, 068, 890	99, 361, 083
Colorado	35, 273, 705	4, 434, 846	39, 708, 551	6, 225, 533	20, 456, 566	66, 390, 650
Florida	1, 592, 893	164, 382	1, 757, 275	19, 840	33, 487, 385	35, 264, 500
Idaho	11, 268, 786	32, 939, 163	44, 207, 949	1, 939, 869	6, 682, 382	52, 830, 200
Indian				19, 575, 040		19, 575, 040
Iowa					35, 228, 800	35, 228, 800
Kansas	1, 060, 883		1, 060, 883	987, 875	50, 334, 242	52, 393, 000
Louisiana	690, 527	65, 018	755, 545	1, 474, 834	26, 632, 809	28, 863, 188
Michigan	505, 895		505, 895	87, 746	36, 225, 359	36, 819, 000
Minnesota	3, 246, 498	2, 473, 828	5, 720, 326	4, 983, 409	40, 985, 705	51, 699, 440
Mississippi	333, 950		333, 950		29, 301, 050	29, 635, 000
Missouri	445, 911		445, 911		43, 350, 089	43, 796, 000
Montana	16, 932, 837	54, 674, 779	71, 607, 616	11, 424, 213	12, 227, 891	95, 259, 720
Nebraska	10, 548, 450		10, 548, 450	70, 522	38, 518, 367	49, 137, 339
Nevada	29, 179, 480	32, 179, 129	61, 358, 609	5, 983, 409	2, 994, 482	70, 336, 500
New Mexico	42, 960, 793	13, 917, 042	56, 877, 835	6, 029, 448	15, 289, 722	78, 197, 005
North Dakota	11, 717, 278	8, 857, 335	20, 574, 613	3, 050, 610	21, 277, 764	44, 902, 987
Oklahoma	7, 004, 382	2, 860	7, 007, 222	7, 207, 160	10, 539, 281	24, 753, 663
Oregon	24, 095, 763	11, 802, 106	35, 897, 869	5, 467, 702	20, 260, 647	61, 628, 218
South Dakota	10, 890, 284	2, 092, 542	12, 982, 826	10, 922, 506	24, 253, 223	43, 158, 555
Utah	9, 816, 110	34, 121, 786	43, 937, 896	5, 333, 467	3, 253, 637	52, 580, 000
Washington	5, 319, 428	8, 123, 154	13, 442, 582	11, 131, 345	18, 110, 157	42, 684, 084
Wisconsin	413, 799		413, 799	365, 853	34, 495, 848	35, 275, 000
Wyoming	42, 946, 054	6, 135, 209	49, 081, 263	8, 171, 043	5, 180, 694	62, 453, 000
Grand total	316, 716, 303	232, 651, 971	579, 368, 274	139, 516, 276	637, 339, 422	1, 356, 223, 972

This aggregate is exclusive of Ohio, Indiana, and Illinois, in which, if any public land remains, it consists of a few small isolated tracts. Alaska, which contains about 577,390 square miles, or 369,529,600 acres of land, mostly unsurveyed and unappropriated, is also excluded.

E.—DIVISION OF PUBLIC SURVEYS.

The work performed in this division during the fiscal year ended June 30, 1898, was as follows:

Letters:

On hand unanswered July 1, 1897	180
Received during the year	4,773
Written during the year	4,189
Disposed of during the year	4,632
Remaining on hand July 1, 1898	141
Pages of press copy, nearly all typewritten	6,479
Pages of record copied	5,201

Copies of field notes:

Pages of field notes for official and individual use	841
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Surveying returns:

Returns pending July 1, 1897	90
Received during the year	152
Acted on during the year	106
On hand July 1, 1898	136
Plats and transcripts pending July 1, 1897	226
Same received during the year	1,426
Same disposed of during the year	1,206
On hand July 1, 1898	446

Reports of examinations of surveys:

Reports pending July 1, 1897	72
Received during the year	146
Acted on during the year	180
On hand July 1, 1898	88

Surveying contracts:

Pending July 1, 1897	0
Received during the year	101
Special instructions (in lieu of contracts) received during the year	51
Supplemental special instructions received (approved)	28
Contracts acted on during the year (approved)	92
Contracts disapproved	9
Contracts canceled	0
Special instructions acted on during the year	51
Special instructions pending	0
Contracts awaiting action June 30, 1898	0

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Statement showing the number of acres of public lands surveyed in the following land States and Territories up to June 30, 1897, during the past fiscal year, and the total of the public lands surveyed up to June 30, 1898; also the total area of the public domain remaining unsurveyed within the same.

Land States and Territories.	In acres.	In square miles.	Up to June 30, 1897.	Under contracts made prior to June 30, 1897, and not heretofore reported because accepted since June 30, 1897.	Under contracts made for the fiscal year ending June 30, 1898.	Total up to June 30, 1898.	Total area of public and Indian lands remaining unsurveyed, including the area of private land claims surveyed up to June 30, 1898.
Alabama	32,462,115	50,722	32,462,115			32,462,115	
Arkansas	33,410,063	52,203	33,410,063			33,410,063	
California	100,992,640	157,801	76,263,298	188,977		76,452,275	24,540,370
Colorado	66,880,000	104,500	61,891,497	123,667		61,515,164	5,364,836
Florida	37,931,520	59,268	30,832,485	199		30,832,684	7,098,836
Illinois	35,465,093	55,414	35,465,093			35,465,093	
Indiana	21,637,760	33,809	21,637,760			21,637,760	
Iowa	35,228,800	55,045	35,228,800			35,228,800	
Idaho	55,228,160	86,294	15,447,631	1,148,408		16,596,039	38,632,121
Kansas	51,770,240	80,891	51,770,240			51,770,240	
Louisiana	28,731,090	44,893	27,174,005	1,207		27,175,212	1,555,878
Michigan	36,128,640	56,451	36,128,640			36,128,640	
Minnesota	53,459,840	83,531	48,505,728	463,800	22,853	48,992,381	6,467,459
Mississippi	30,179,840	47,156	30,179,840			30,179,840	
Missouri	41,836,931	65,370	41,836,931			41,836,931	
Montana	92,016,640	143,776	28,945,456	454,790		29,400,246	62,616,394
Nebraska	47,468,800	74,170	47,368,404			47,368,404	100,396
Nevada	71,737,600	112,090	36,172,204			36,172,204	35,565,396
North Dakota	45,581,600	71,190	31,880,426	888,451		32,768,877	12,792,723
Ohio	25,581,976	39,972	25,581,976			25,581,976	
Oregon	60,975,360	95,274	43,867,232	605,495	4,420	44,477,147	16,498,213
South Dakota	50,643,200	79,130	39,692,951	877,078		40,570,029	10,073,171
Utah	54,064,640	84,476	16,891,242	248,270		17,139,512	36,925,128
Wisconsin	34,511,360	53,924	34,511,360		a 3	34,511,360	
Washington	44,796,160	69,994	25,511,597	413,763		25,925,360	18,870,800
Wyoming	62,645,120	97,883	51,890,201	593,606		52,483,807	10,161,313
Alaska	369,529,600	577,390	1,145			1,145	369,528,455
Arizona	72,906,240	113,916	17,248,889	47,336		17,296,225	55,610,015
Indian Territory	19,575,040	30,586	10,800,640			10,800,640	b 8,774,400
New Mexico	77,588,640	121,201	50,378,119	155,051		50,533,170	27,055,470
Oklahoma	24,599,680	38,437	24,599,680			24,599,680	
Total	1,815,524,388	2,836,757	1,061,075,643	6,210,098	27,273	1,067,313,014	c 748,211,374

a This area appears to have been counted in former reports, and is therefore not added in this.
 b The completion of surveys in the Indian Territory is being carried forward by the Geological Survey, but the amount of surveys executed and number of acres remaining unsurveyed have not been furnished this office.

c This estimate is of a very general nature and affords no index to the disposable volume of land remaining, nor the amount available for agricultural purposes. It includes Indian and other public reservations, unsurveyed private land claims, as well as surveyed private land claims in the districts of Arizona, California, Colorado, and New Mexico; the sixteenth and thirty-sixth sections reserved for common schools; unsurveyed lands embraced in railroad, swamp-land, and other grants; the great mountain areas; the areas of unsurveyed rivers and lakes, and large areas wholly unproductive and unavailable for ordinary purposes.

Historical and statistical table of the United States and Territories, showing the area of each in square miles and in acres, the date of acts organizing Territories, date of acts admitting new States into the Union, the population of each State and Territory at the taking of the census in 1890, and the area surveyed and remaining unsurveyed up to June 30, 1898.

Civil divisions.	Act organizing Territory.	United States Statutes.		Act admitting State.	United States Statutes.		Area of the States and Territories—		Number of acres surveyed up to June 30, 1898.	Area remaining unsurveyed on June 30, 1898.	Population in 1890.
		Vol.	Page.		Vol.	Page.	In square miles.	In acres.			
THIRTEEN ORIGINAL STATES.											
										<i>Acres.</i>	
New Hampshire.....							9,280	5,939,200			376,530
Massachusetts.....							7,800	4,992,000			2,238,943
Rhode Island.....							1,396	835,840			315,506
Connecticut.....							4,750	3,040,000			746,258
New York.....							47,000	30,080,000			5,997,853
New Jersey.....							8,320	5,324,800			1,444,933
Pennsylvania.....							46,000	29,440,000			5,258,014
Delaware.....							2,120	1,356,800			168,493
Maryland.....							11,124	7,119,360			1,042,390
Virginia.....							38,348	24,542,720			1,655,980
North Carolina.....							50,704	32,450,560			1,617,947
South Carolina.....							34,000	21,760,000			1,151,149
Georgia.....							58,000	37,120,000			1,837,353
STATES ADMITTED.											
Kentucky.....				Feb. 4, 1791	1	189	37,680	24,115,200			1,858,635
Vermont.....				Feb. 18, 1791	1	191	10,212	6,535,680			332,422
Tennessee.....				June 1, 1796	1	491	45,600	29,184,000			1,767,518
Maine.....				Mar. 3, 1820	3	544	35,000	22,400,000			661,086
Texas.....				Dec. 29, 1845	9	108	274,356	175,587,840			2,235,523
West Virginia.....				Dec. 31, 1862	12	633	23,000	14,720,000			762,794
PUBLIC-LAND STATES AND TERRITORIES.											
<i>States.</i>											
Ohio.....				Apr. 30, 1802	2	173	39,972	25,581,976	25,581,976		3,672,316
Louisiana.....	Mar. 3, 1805	2	331	Apr. 8, 1812	2	701	44,893	28,731,090	27,175,212	1,555,878	1,118,587
Indiana.....	May 7, 1800	2	58	Dec. 11, 1816	3	399	33,809	21,637,760	21,637,760		2,192,404
Mississippi.....	Apr. 7, 1798	1	549	Dec. 10, 1817	3	472	47,156	30,179,840	30,179,840		1,239,600
Illinois.....	Feb. 3, 1809	2	514	Dec. 3, 1818	3	536	55,414	35,465,093	35,465,093		3,826,351
Alabama.....	Mar. 3, 1817	3	371	Dec. 14, 1819	3	608	50,722	32,462,115	32,462,115		1,513,017
Missouri.....	June 4, 1812	2	743	Mar. 2, 1821	3	645	65,370	41,836,931	41,836,931		2,679,184
Arkansas.....	Mar. 2, 1819	3	493	June 15, 1836	5	50	52,203	33,410,063	33,410,063		1,128,179
Michigan.....	Jan. 11, 1805	2	309	Jan. 26, 1837	5	144	56,451	36,128,640	36,128,640		2,093,889

a Joint resolution by Congress.

b See President's proclamation (3 Stat. L., Appendix No. 2).

Historical and statistical table of the United States and Territories, showing the area of each in square miles and in acres, etc.—Cont'd.

Civil divisions.	Act organizing Territory.	United States Statutes.		Act admitting State.	United States Statutes.		Area of the States and Territories—		Number of acres surveyed up to June 30, 1898.	Area remaining unsurveyed on June 30, 1898.	Population in 1890.
		Vol.	Page.		Vol.	Page.	In square miles.	In acres.			
PUBLIC-LAND STATES AND TERRITORIES—continued.											
<i>States—Continued.</i>											
Florida	Mar. 30, 1822	3	654	Mar. 3, 1845	5	742	59,268	37,931,520	30,832,684	Acres. 7,098,836	391,422
Iowa	June 12, 1838	5	235	do	5	742	55,045	35,228,800	35,228,800		1,911,896
Wisconsin	Apr. 20, 1836	5	10	May 29, 1848	9	233	53,924	34,511,360	34,511,360		1,696,880
California				Sept. 9, 1850	9	452	157,801	100,992,640	76,452,270	24,540,370	1,208,130
Minnesota	Mar. 3, 1849	9	403	May 11, 1858	11	285	83,531	53,459,840	46,992,381	6,467,459	1,301,826
Oregon	Aug. 14, 1848	9	323	Feb. 14, 1859	11	383	95,274	60,975,360	44,477,147	16,498,213	313,767
Kansas	May 30, 1854	10	277	Jan. 29, 1861	12	126	80,891	51,770,240	51,770,240		1,427,096
Nevada	Mar. 2, 1861	12	209	<i>a</i> Mar. 21, 1864	13	30	112,090	71,737,600	36,172,204	35,565,396	45,761
Nebraska	May 30, 1854	10	277	<i>b</i> Feb. 9, 1867	14	391	74,170	47,468,800	47,368,404	100,396	1,058,910
Colorado	Feb. 28, 1861	12	172	<i>b</i> Mar. 3, 1875	18	474	104,500	66,880,000	61,515,164	5,364,836	412,198
Wyoming	July 25, 1868	15	178	July 10, 1890	26	222	97,883	62,645,120	52,483,807	10,161,313	60,705
Washington	Mar. 2, 1853	10	172	Feb. 22, 1889	25	<i>c</i> 676	69,994	44,796,160	25,925,360	18,870,800	349,390
Montana	May 26, 1864	13	85	do	25	<i>c</i> 676	143,776	29,400,246	62,616,394	132,159	132,159
North Dakota	Mar. 2, 1861	12	239	do	25	<i>c</i> 676	71,190	45,561,000	32,768,877	12,792,723	182,719
South Dakota											
Idaho	Mar. 3, 1863	12	808	July 3, 1890	26	215	79,130	50,643,200	40,570,029	10,073,171	328,808
Utah	Sept. 9, 1850	9	453	July 16, 1894	28	<i>d</i> 107	84,476	54,064,640	16,596,039	38,632,121	84,885
									17,139,512	36,925,128	207,905
<i>Territories.</i>											
New Mexico	Sept. 9, 1850	9	446				121,201	77,568,640	50,533,170	27,035,470	153,593
Arizona	Feb. 24, 1863	12	664				113,916	72,906,240	17,266,225	55,610,015	59,620
Alaska	July 27, 1868	15	240				577,390	369,529,600	1,145	369,528,455	31,795
Indian							30,586	19,575,040	10,800,640	8,774,400	178,097
District of Columbia	July 16, 1790	1	130					60	38,400		230,392
Oklahoma	Mar. 3, 1791	1	214								
	May 2, 1890	26	81	(<i>e</i>)			38,437	24,599,680	24,599,680		61,834
Total							3,580,805	2,291,715,347	1,067,313,014	748,211,374	62,832,142

a See President's proclamation, Oct. 13, 1864 (13 Stat. L., 749).

b See President's proclamation, Aug. 1, 1876 (19 Stat. L., 665).

c See President's proclamations (26 Stat. L., 1548 to 1552, inclusive).

d See President's proclamation, Jan. 4, 1896 (28 Stat. L., p. 12 of Proclamations by President).

e See President's proclamation (26 Stat. L., 1544).

MILITARY RESERVATIONS.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office.

[For reservations relinquished under act of July 5, 1884, see p. 130].

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks
ALASKA.		
St. Michael Island, with all contiguous land and islands within 100 miles of the location of the flagstaff of the present garrison on that island.	(a)	Secretary of War, Oct. 20, 1897, by authority of the President.
ALABAMA.		
At entrance to Mobile Bay, the small islands between the north point of Dauphin Island and Cedar Point, Grant, Heron, Tower, and other islands, (a) and so much of Cedar Point as lies in fractional secs. 25 and 26 T. 8 S., R. 2 W.:		
Cedar Point.....	206.50	Executive order, Feb. 9, 1942.
Fort Gaines, on eastern end of Dauphin Island	(a)	Lands conveyed to the United States by decree of chancery in Jan., 1853.
Fort Morgan, in T. 9 S., R. 1 E.....	(a)	Secretary of War, Sept. 10, 1842
ALABAMA AND MISSISSIPPI.		
All of Ship Island, Hurricane and Dog islands. Area (including Dog and Hurricane islands) estimated at 100 acres.	1,653.40	Executive order, Aug. 30, 1847.
Total in Alabama and Mississippi as far as known.	1,949.90	
ARIZONA TERRITORY.		
Camp Apache, within the limits of the White Mountain Indian Reservation.	7,421.14	Executive order, Feb. 1 1877.
Camp Grant (new), in Ts. 8, 9, and 10 S., Rs. 23 and 24 E.	42,341.00	Executive order, Apr. 17, 1876.
Fort Huachuca, in southern Arizona, adjacent to Babacomari private land claims.	49,920.00	Executive orders, Oct. 29, 1881, and May 14, 1883.
Fort Whipple, in T. 14 N., R. 2 W.....	1,730.00	Executive orders, Aug. 31, 1869, and Oct. 19, 1875; act of Congress, approved June 22, 1874 (18 Stat. L., 201).
Total in Arizona so far as known.....	101,412.14	
ARKANSAS.		
Fort Smith National Cemetery, in sec. 17, T. 8 N., R. 32 W.	14.81	Executive orders, May 22, 1871, and Dec. 3, 1876. (See act of Feb. 28, 1897, 29 Stat. L., 506.)
Total in Arkansas.....	14.81	
CALIFORNIA.		
Angel Island, in San Francisco Bay.....	(b)	Executive orders, Nov. 6, 1850, and Apr. 20, 1860.
Alcatraz Island, in San Francisco Bay.....	(c)	Executive order, Nov. 6, 1850.
Drum Barracks, at Wilmington, Cal.....	55.00	Deeded to the United States by private parties.
Benicia Barracks and Arsenal, in Ts. 2 and 3 N., Rs. 2 and 3 W.	344.90	Executive order, Oct. 10, 1862. Deed by private parties in 1849.
Deadman Island, being lot 1, sec. 19, T. 5 S., R., 13 W., San Bernardino meridian.	2.00	Executive order, Mar. 15, 1872.
Camp Gaston, in T. 8 N., R. 5 E., of Humboldt meridian, within Hoopa Valley Indian Reservation.	451.50	Executive order, Apr. 2, 1860.
Fort Hill or Monterey, at Monterey.....	(a)	Executive order, Nov. 23, 1866.
Island called Red Rock, Golden Rock, or Molate, in sec. 17, T. 1 N., E. 5 W., Mount Diablo meridian.	7.52	Secretary of Interior, Mar. 2, 1856; Executive order. Oct. 21, 1882.
Presidio Military Reserve, Fort Point, on San Francisco Bay.	1,479.94	Executive orders, Nov. 6, 1850, and Dec. 31, 1851; act of Congress, May 9, 1876 (19 Stat. L., 52).
Point San Jose (originally included within the Presidio Reserve No. 1).	57.89	Executive orders, Nov. 6, 1850, and Dec. 31, 1851; act of Congress, July 1, 1870 (16 Stat. L., 186).

a Area not known.

b Area of island not known.

c Unsurveyed.

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
CALIFORNIA—continued.		
Point Loma (San Diego), at San Diego Harbor: "To include that portion of the peninsula lying on west side of entrance to the harbor which shall be included between the southernmost point of the peninsula (Punto de Loma) and a line drawn across said peninsula from the harbor to the ocean, at a distance of 1½ miles above Punta de Guisanas"	(a)	Executive order, Feb. 26, 1852.
San Pedro Bay, in T. 5 S., Rs. 13 and 14 W., S. B. M. This tract of land was originally a public reservation by cession from Mexico under treaty of Guadalupe-Hidalgo, concluded Feb. 2, 1848.	640.00	Executive order, Sept. 14, 1888.
San Solito Bay Point: From southern boundary of San Solito Bay, a line parallel to the channel of entrance to the Pacific.	(c)	Executive order, Nov. 6, 1850.
Three Brothers, Three Sisters, and Marine islands, in entrance to the San Pablo Bay.	(d)	Executive order, Oct. 25, 1867.
Yerba Buena Island (Camp Reynolds), in San Francisco Bay.	(a)	Executive orders, Nov. 6, 1850, and Oct. 12, 1866.
Mount Whitney: All of T. 15 S., R. 34 E.; T. 16 S., R. 34 E.; T. 16 S., R. 35 E.; secs. 19 to 36, inclusive, of T. 15 S., R. 35 E.; secs. 19, 20, 29, 30, 31, and 32, T. 15 S., R. 36 E., Mount Diablo meridian.	a 84,468.00	President's orders, Sept. 20, 1883.
Total in California.....	86,906.75	
FLORIDA.		
North end of Amelia Island (Fort Clinch), fractional sec. 8, T. 3 N., R. 29 E.; fractional sec. 11 and lots 1 and 2 of sec. 14, T. 3 N., R. 28 E.	419.44	Declared by Executive order, Feb. 9, 1842. Lot 2 of sec. 14 patented to D. L. Yulee, Sept. 5, 1853.
Fort McRee, near Pensacola, in T. 3 S., R. 31 W.: "All the public land within 1 mile of the fort on Fosters Bank."	(a)	Executive order, Feb. 9, 1842.
North Key, in Ts. 15 and 16 S., R. 12 E.....	159.48	Executive order, Mar. 2, 1840; order of Secretary of War, Mar. 23, 1849. Originally reserved as a part of Cedar Keys, although Mullet Key is not one of the Cedar Keys, but is at the entrance of Tampa Bay. Secretary of War, Mar. 23, 1849; Executive order, Nov. 17, 1882.
Snake Key, in T. 16 S., R. 13 E.....	52.17	
Mullet Key, in T. 33 S., R. 16 E.....	842.29	
At Charlotte Harbor: "The south end of Gasparilla Island for a distance of 2 miles from its southern extremity, in T. 43 S., R. 20 E., and the north end of Boca Grande or Cayo Costa Island for a length of 2 miles from its northern extremity," in T. 43 S., R. 20 E., and T. 44 S., Rs. 20 and 21 E.	2,143.38	
Dry Tortugas (including Fort Jefferson).....	(a)	Executive order, Sept. 17, 1845.
Egmont Island, at entrance to Tampa Bay, in T. 33 S., R. 15 E.....	e 392.77	Secretary of War, Mar. 23, 1849; Executive order, Nov. 17, 1882.
Flag Island, in St. George Sound.....	(a)	Secretary of War, Mar. 23, 1849; Executive order, Nov. 17, 1882.
Matanzas Inlet or Fort, in sec. 14, T. 9 S., R. 30 E.....	(a)	Secretary of War, Mar. 23, 1849.
Fort Barrancas, in T. 3 S., R. 30 W.....	(a)	It falls within the naval reservation declared by Executive order, Jan. 10, 1838, and it is said to have been declared Feb. 9, 1842.
Anastasia Island.....	(a)	Executive order, May 4, 1893, reserves SE. ¼ sec. 21; all fractional sec. 22; NE. ¼ NE. ¼ sec. 23; and all sec. 27 in T. 7 S., R. 30 E., Florida; also all the lands formed by the sea since survey, 1855, lying east of said lands and between the north boundary line prolonged of said SE. ¼ of sec. 21, and the south boundary line prolonged of said sec. 27.
Fort Pickens, all of Santa Rosa Island.....	(a)	Land deeded to the United States May 23, 1828; Executive order, July 2, 1888.
At St. Andrew Sound: "The tongue or neck of land called Crooked Island, east of the several entrances along the coast."	(a)	Secretary of War, Mar. 23, 1849.

a Area not known.

b About.

c Area not stated.

d Unsurveyed; area not known.

e Present area not known

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
FLORIDA—continued.		
At St. Andrews Bay: Lots 1 and 2, sec. 4; lots 1, 2, 3, and 4, sec. 5; lots 1 and 2, sec. 6, and fractional secs. 8 and 9, T. 5 S., R. 14 W., including Hurricane Island, as shown upon Coast Survey Chart No. 184; also lots 2 and 3, sec. 15; lots 1, 2, 3, 4, and 5, sec. 22; lots 1, 2, 3, and 4, sec. 23; lot 2, sec. 25; lots 1, 2, and 3, sec. 26, and fractional secs. 27 and 35, T. 4 S., R. 15 W.	a 1,483.84	President's order, May 3, 1897.
At St. Augustine the following-named tracts: 1. Site of Fort Marion and adjacent lands. 5. Spanish governor's house..... 6. Treasury lot..... 8. St. Francis barracks and grounds..... 9. Military-hospital lot..... 10. Powder-house lot..... 11. Two small islands in the Matanzas River, St. Augustine Harbor.	(b) (b) (b)	Secretary of War, Oct. 12, 1838, and Mar. 23, 1849. Executive order, May 31, 1892.
At St. Joseph Bay: "The whole neck or peninsula forming the bay of St. Joseph from its northern extremity or point, St. Joseph, to its connection with the mainland at the eastern shore of the bay, including Cape San Blas," in T. 9 S., R. 11 W., and Ts. 7, 8, and 9 S., R. 12 W.	3,851.21	Secretary of War, Mar. 23, 1849, besides what had been sold prior to date of order.
Santa Rosa Sound: "So much of the point opposite to and east of the east end of Santa Rosa Island as lies in T. 2 S., R. 22 W."	5,958.20	Executive order, Feb. 9, 1842.
Santa Rosa Island: Reserves all that portion of Santa Rosa Island which was formerly a naval reserve and relinquished to the Department of the Interior Feb. 25, 1880, the same attached to and made a part of Fort Pickens Military Reservation, and embracing the entire area of Santa Rosa Island.	Unsurveyed	Executive order, July 2, 1888.
Key West, or Thompson Island.....	(b)	Land said to have been deeded to the United States. Key covered by private land claim, confirmed by Congress in 1828. (See act of July 22, 1876, 19 Stat. L., 96.)
Key West Shoals, S. W. point of Key West....	(b)	Executive order, Sept. 17, 1845.
Haulover Canal, 1,000 feet each side from the center, in sec. 29, T. 20 S., R. 36 E.	(b)	Executive orders, Aug. 20, 1886, and Feb. 11, 1897, reserves all lands owned by Government on Key West, Virginia Key, and Key Biscayne.
Lot 2, sec. 4; lots 1 and 2, sec. 9, T. 3 S., R. 29 W., and fractional sec. 1, T. 3 S., R. 30 W., Florida,	270.39	Executive order, Aug. 21, 1897.
Total in Florida, as far as known or estimated.	15,573.17	
IDAHO.		
Fort Boise, in Boise Valley, one-half mile from Boise City.	638.00	Executive order, Apr. 9, 1873.
Fort Hall, within the Fort Hall Indian Reservation, in T. 3 N., R. 38 E.	646.50	Executive order, Oct. 12, 1870.
Fort Sherman (late Cœur d'Alene) Post reserve, in T. 50 N., R. 4 W.	c 640.00	Request of Secretary of War, Oct. 9, 1877. Executive order, dated Apr. 22, 1880. See also Executive orders of May 26, 1891, and Feb. 2, 1892.
Total in Idaho.....	1,924.50	
ILLINOIS.		
Fort Armstrong (Rock Island), in fractional T. 18 N., Rs. 1 and 2 W., fourth principal meridian.	c 750.00	Request of Secretary of War, Mar. 2, 1825, and Sept. 11, 1835. By act of Congress approved June 27, 1866 (14 Stat. L., 75), certain small islands were added to the reserve and right of way was granted to the Rock Island Railroad Company. Act of April 2, 1844 (6 Stat. L., 908), allowed George Davenport to enter the SE. ¼ sec. 25, T. 18 N., R. 2 W.
Total in Illinois.....	c 750.00	

a Estimated area.

b Area not known.

c About.

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
KANSAS.		
Fort Leavenworth, on west bank of Missouri River, in T. 8 S., R. 22 E.	a 2,750.00	Executive order, Oct. 10, 1854. Diminished by direction of Secretary of the Interior in 1861. See also act of July 27, 1868 (15 Stat. L., 238); joint resolution Feb. 9, 1871 (16 Stat. L., 594); act of July 20, 1868 (15 Stat. L., 392).
Fort Riley, in Ts. 11 and 12 S., Rs. 5 and 6 E. . . .	b 19,899.22	Executive order, May 5, 1855. Reduced in area under joint resolution of July 26, 1866 (14 Stat. L., 387), and order of President thereunder of July 19, 1867. Further reduced under act of Mar. 2, 1867 (14 Stat. L., 573).
Total in Kansas	22,649.22	
LOUISIANA.		
Battery Bienvenue, in T. 12 S., R. 13 E., east of river: "The public lands 1,200 yards each way from the fort."	(c)	Executive order, Feb. 9, 1842.
Fort Livingston, on west end of Grand Terre Island.	126.16	Purchased by United States in January, 1834.
Fort Jackson, sec. 50, T. 20 S., R. 30 E., southeast district, west of Mississippi River.	740.97	Executive order, Feb. 9, 1842.
Fort Pike, consisting of "the public land within 1,200 yards of Fort Pike."	(c)	Executive order, Feb. 9, 1842. All the land has been patented to the State as swamp, except sec. 19 of T. 10 S., R. 15 E., southeast district, east of river and south of Great Rigolet. Area of reserve in sec. 19 not known.
Fort St. Philip, sec. 11, T. 19 S., R. 17 E., southeast district, east of river.	556.12	Executive order, Feb. 9, 1842.
Tower Dupres: "All the public land within 1,200 yards of the fort," in T. 13 S., R. 14 E., east of Mississippi River.	(d)	Executive order, Feb. 9, 1842. Lands found to be covered by a private land claim.
Fort Macomb, on Pass Chef Menteur: "All the public land within 1,200 yards from the fort."	(c)	Executive order, Feb. 9, 1842. See Executive order June 20, 1896, relinquishing part of Fort Macomb.
Proctor Landing, on Lake Borgne	a 92.00	Purchased Mar. 15, 1856.
United States barracks and land adjoining and above same, near New Orleans, on left bank Mississippi River, about 3 miles above city.	(d)	Purchased by United States Dec. 14, 1833, and May 17, 1848.
Baton Rouge Arsenal, adjoining Baton Rouge.	(c)	Purchased in 1814.
Total in Louisiana, as far as known or estimated.	1,515.25	
MICHIGAN.		
First area between south boundaries of claims Nos. 95 and 96 and north boundary of canal grant, in T. 47 N., R. 1 E.; second area between north line of Canal street and south boundary canal grant, shown in diagram with order.	(d)	Executive order, May 9, 1835.
St. Marys Falls Canal reserve, in sec. 6, T. 47 N., R. 1 E.	9.41	Executive order, June 10, 1832.
Improvement of Hay Lake Channel, St. Marys River, lots 5 and 6, sec. 2, and lot 3, sec. 3, T. 45 N., R. 2 E.	145.90	Executive order, Oct. 30, 1884. Executive order, Oct. 12, 1889, reserves islands Nos. 1, 2, 3, and 4, in sec. 6, T. 47 N., R. 1 E., for use in connection with improvement of St. Marys River at Hay Lake Channel, 132.50.
Fort Brady	2,573.10	Executive order, Jan. 19, 1895, reserves following tracts for rifle range and other military purposes in connection with post of Fort Brady: N. $\frac{1}{2}$ NW. $\frac{1}{2}$, SW. $\frac{1}{2}$ NW. $\frac{1}{2}$, and W. $\frac{1}{2}$ SW. $\frac{1}{2}$; sec. 5, E. $\frac{1}{2}$ and E. $\frac{1}{2}$ W. $\frac{1}{2}$ sec. 6, N. $\frac{1}{2}$ NE. $\frac{1}{2}$ and NE. $\frac{1}{2}$ NW. $\frac{1}{2}$ sec. 7, T. 45 N., R. 4 W.; S. $\frac{1}{2}$ NW. $\frac{1}{2}$, N. $\frac{1}{2}$ SW. $\frac{1}{2}$, and SE. $\frac{1}{2}$ SW. $\frac{1}{2}$ sec. 23, S. $\frac{1}{2}$ N. $\frac{1}{2}$ and S. $\frac{1}{2}$ sec. 29, S. $\frac{1}{2}$ N. $\frac{1}{2}$, E. $\frac{1}{2}$ SW. $\frac{1}{2}$, and SE. $\frac{1}{2}$ sec. 30, S. $\frac{1}{2}$ NE. $\frac{1}{2}$ and E. $\frac{1}{2}$ NW. $\frac{1}{2}$ sec. 31, W. $\frac{1}{2}$ and NW. $\frac{1}{2}$ NE. $\frac{1}{2}$ sec. 32, T. 46 N., R. 4 W.; S. $\frac{1}{2}$ N. $\frac{1}{2}$ sec. 25, T. 46 N., R. 5 W.
a Approximate present area.	b About.	c Area not known.
		d Area not stated.

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
MICHIGAN—continued.		
The unsurveyed islands in secs. 9 and 10, T. 47 N., R. 1 E.	(a)	Secretary of the Interior, Sept. 5, 1885. Executive order, Sept. 22, 1885.
Fort Wayne, near city of Detroit.....	(b)	Land deeded to the United States June 3, 1842, and Apr. 15, 1844.
Total in Michigan as far as known.....	2,728.41	
MINNESOTA.		
Fort Snelling, at junction of Mississippi and Minnesota rivers.	(b)	Reservation made at the request of Secretary of War, July 13, 1839, and Secretary of Treasury, July 15, 1839. President's orders, dated May 25, 1853, and Nov. 16, 1853. Act of Congress approved Aug. 26, 1852 (10 Stat. L., 36), and order of Secretary of War thereunder, dated Mar. 13, 1854. Joint resolution of Congress approved May 7, 1870 (16 Stat. L., 376). Reduction approved by Secretary of War Jan. 1, 1874. Executive order, Mar. 13, 1854.
Reservation on St. Louis River, in Minnesota, lot 1, sec. 20, T. 49 N., R. 13 W.	7.32	
Total in Minnesota, except Fort Snelling.....	7.32	
MISSOURI.		
Grand Tower Rock, in Mississippi River, which, if surveyed, would be in sec. 20, T. 34 N., R. 14 E., of fifth principal meridian.	(b)	Executive order, Feb. 24, 1871.
Fort Leavenworth, on east bank of Missouri River, in Ts. 52 and 53 N., R. 36 W., of fifth principal meridian.	c 1,000.00	Executive order, June 21, 1838. Portion of reserve released by Secretary of War, Mar. 1, 1841. Present reserve is in R. 36 W.
Total in Missouri, as far as known or estimated.	1,000.00	
MONTANA.		
Camp Baker, in T. 11 N., R. 4 E.....	2,400.00	Executive order, May 16, 1871.
Fort Keogh, at mouth of Tongue River.....	c 57,619.00	Executive order, Mar. 14, 1878. General Orders, No. 6, Headquarters Department of Dakota, Feb. 18, 1880, describes the ferry or bridge site on east bank of river.
Fort Assiniboine, mostly between the Milk and Missouri rivers, and within the reservation for the Gros Ventre, Piegan, and other Indians.	d 168,640.00	Executive orders, Mar. 4, 1880, June 16, 1881.
Fort Missoula:		
Original reserve; Sec. 31, T. 13 N., R. 19 W.	640.00	Executive order, Feb. 19, 1877.
Additional reserve: S. $\frac{1}{2}$ NE. $\frac{1}{4}$ and SE. $\frac{1}{4}$ sec. 25, T. 13 N., R. 20 W., the S. $\frac{1}{2}$ NE. $\frac{1}{4}$, S. $\frac{1}{2}$ NW. $\frac{1}{4}$, SE. $\frac{1}{4}$ of SE. $\frac{1}{4}$, NE. $\frac{1}{4}$ of SW. $\frac{1}{4}$, and W. $\frac{1}{2}$ of SW. $\frac{1}{4}$, sec. 30, T. 13 N., R. 19 W.	560.23	Executive order, Aug. 5, 1878.
Timber reserve on unsurveyed land.....	1,577.41	Executive order, June 10, 1879.
Fort Custer post reservation, 6 miles square, in townships 1 and 2 S., Rs. 33 and 34 E.	23,040.00	Executive order, Dec. 7, 1886.
National cemetery of Custer's battlefield.....	640.00	Thirteen Indian families residing on post reservation not to be disturbed.
Limestone reservation, near old Fort C. F. Smith.	2,227.20	
Total in Montana, as far as known or estimated.	257,343.84	
NEBRASKA.		
Fort McPherson National Cemetery.....	107.00	Executive orders, Oct. 13, 1873, and Jan. 5, 1887.
Camp Robinson, on White River, at mouth of Spring Creek:		
Post reserve.....	12,800.00	Executive orders, Nov. 14, 1876, and June 23, 1879.
Timber reserve, 4 miles square.....	10,240.00	Executive order, Nov. 4, 1870.
a Area not stated.	b Area not known.	c About. d Estimated.

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
NEBRASKA—continued.		
Fort Niobrara: Post reserve: Secs. 26 and 35 of T. 34 N., secs. 2, 3, 10, 11, T. 33 N., and all that part of secs. 22, 23, 27, 33, and 34 of T. 34 N., and of secs. 4, 5, 8, 9, T. 33 N., lying on the right (south and east) bank of the Niobrara River, all in R. 27 W., of the sixth principal meridian.	5,474.84	Executive order, Dec. 10, 1879.
Wood and timber reserve: All that part of T. 34 N., R. 27 W., not already embraced within the existing reservation, excepting secs. 16 and 36 (school sections); the NE. $\frac{1}{4}$ of NE. $\frac{1}{4}$ sec. 28; the NW. $\frac{1}{4}$ of NW. $\frac{1}{4}$ and lots 2 and 3 of sec. 27; the NE. $\frac{1}{4}$ of SW. $\frac{1}{4}$; the W. $\frac{1}{4}$ of SW. $\frac{1}{4}$ and lot 3 of sec. 22; the E. $\frac{1}{4}$ of SE. $\frac{1}{4}$ and S. $\frac{1}{4}$ of NE. $\frac{1}{4}$ of sec. 25; the E. $\frac{1}{4}$ of NW. $\frac{1}{4}$, the E. $\frac{1}{4}$ of SW. $\frac{1}{4}$, and lots 1, 2, 3, and 4 of sec. 31, and the NE. $\frac{1}{4}$ of sec. 33. In T. 34 N., R. 26 W., all of secs. 5, 6, 7, 8, 17, 18, 29, 31, and 32; all of sec. 19, except lots 2, 3, 4, and 5; all of sec. 20, except the N. $\frac{1}{4}$ of SE. $\frac{1}{4}$, and lots 5, 6, 7, and 8, and all of sec. 30, except the E. $\frac{1}{4}$ of NW. $\frac{1}{4}$ and lots 1 and 2. In T. 39 N., R. 26 W., all of secs. 5, 6, 7, and 8. In T. 33 N., R. 27 W., all of secs. 1 and 12.	28,817.48	Executive order, June 6, 1881.
(To the above was added the E. $\frac{1}{4}$ of SE. $\frac{1}{4}$ and S. $\frac{1}{4}$ of NE. $\frac{1}{4}$ sec. 25, T. 34 N., R. 27 W., and at the same time there was excluded the W. $\frac{1}{4}$ of SE. $\frac{1}{4}$ and S. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 30 of the same township and range.)	57,439.32 720.00	Executive order, Apr. 29, 1884.
Restored to control of Secretary of the Interior 720 acres of Fort Niobrara Military Reservation, embracing the NW. $\frac{1}{4}$ sec. 29, NE. $\frac{1}{4}$ and E. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 30 and S. $\frac{1}{4}$ sec. 31, T. 34 N., R. 27 W., Nebraska, for disposal under act of July 5, 1884.		Executive order, May 7, 1896.
Total in Nebraska	56,719.32	
NEW MEXICO.		
Fort Bayard, in T. 17 S., Rs. 12 and 13 W.....	8,840.00	Executive order, Apr. 19, 1869.
Fort Sumner Post cemetery, situated in NE. $\frac{1}{4}$ sec. 15 and NW. $\frac{1}{4}$ sec. 14, T. 2 N., R. 26 E.: These two subdivisions contain	320.00	Executive order, May 22, 1871.
Fort Union falls within the confirmed private land grant Mora: Post and timber reserve	66,880.00	Executive order, October 9, 1868.
Fort Wingate, in Ts. 13, 14, and 15 N., Rs. 15, 16, and 17 W.	83,200.00	Executive orders, Feb. 18, 1870, and Mar. 26, 1881.
Total in New Mexico	159,240.00	
OREGON.		
Sand Island, in secs. 14, 23, and 24, T. 9 N., R. 11 W.	192.07	Executive order, Aug. 29, 1863.
Point Adams (Fort Stevens), in T. 10 N., R. 10 W.; fractional secs. 5 and 6 and N. $\frac{1}{4}$ secs. 7, 8, and 9.	1,250.11	Executive order, Feb. 26, 1852. A donation claim covers some 400 acres of the reservation.
For improvement of Coos Bay and Harbor: Lots 1, 2, 3, and the SW. $\frac{1}{4}$ of NW. $\frac{1}{4}$ of sec. 2, and lots 1 and 2 and SE. $\frac{1}{4}$ of NE. $\frac{1}{4}$ of sec. 3, T. 26 S., R. 14 W.	174.27	Executive order, July 14, 1884. Executive order, Nov. 13, 1889, reserves parts of secs. 3, 4, and 9 and parts of 10 and 15; secs. 16, 17, and 20 and parts of secs. 21, 22, 27, and 28; secs. 29 and 31 and parts of 32; sec. 33 and part of 34, all in T. 24 S., R. 13 W.; parts of secs. 4 and 5; sec. 6; parts of secs. 7, 18, and 19, T. 25 N., R. 13 W.; parts of secs. 12, 13, and 23 and parts of 24, 25, and 26, T. 25 S., R. 14 W.
North side of Tillamook Head, fractional SW. $\frac{1}{4}$ sec. 29, lots 1 and 2 of sec. 30, and lots 1, 2, 3, and 4 of sec. 31, T. 6 N., R. 10 W.	327.55	Executive order, Nov. 4, 1885.
Total in Oregon	1,944.60	

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
OKLAHOMA.		
Fort Sill wood reserve, in Ts. 1 and 2 N., Rs. 8 and 9 W., Indian meridian.	26,880.00	Executive order, June 4, 1892, in lieu of Executive order of Mar. 8, 1892.
Total in Oklahoma.....	26,880.00	
SOUTH DAKOTA.		
Fort Meade: Post reserve, in Ts. 5 and 6 N., R. 4 E., Black Hills meridian.	7,840.00	Executive order, Dec. 18, 1878.
Timber reservation, as follows: Secs. 19, 30, 31, S. $\frac{1}{2}$ sec. 18, and W. $\frac{1}{2}$ of sec. 20, T. 5 N., R. 5 E.; E. $\frac{1}{2}$ of secs. 24 and 25 and SE. $\frac{1}{4}$ of sec. 13, T. 5 N., R. 4 E., Black Hills meridian.	3,344.83	Executive order, Apr. 18, 1881. Executive order, Sept. 16, 1889, enlarging the wood and timber reservations as per boundaries described in letter of Secretary of War, dated Sept. 14, 1889.
Total in South Dakota, as far as known or estimated.	11,184.83	
UTAH.		
Fort Douglas, in Ts. 1 N., and 1 S., R. 1 E.....	2,388.19	Executive order, Sept. 3, 1867. Act of Congress, May 16, 1874 (18 Stat. L., 46), gave 20 acres for cemetery for Salt Lake religious bodies; act of Jan. 21, 1885 (23 Stat. L., 285), reduced reserve 151.81 acres.
Reservation for water supply for Fort Douglas.	1,920.00	Act Mar. 3, 1887 (24 Stat. L., 478), added to reserve for water supply. Executive order, Mar. 13, 1890, withdraws for use of Fort Douglas, subject to rights of the U. P. R. R. Co., which have attached to odd-numbered sections, secs. 13 and 23, T. 1 N., R. 1 E.; sec. 17; N. $\frac{1}{2}$ sec. 18, and E. $\frac{1}{2}$ sec. 20, T. 1 N., R. 2 E., with exception of SE. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 20, T. 1 N., R. 2 E., Salt Lake meridian, Utah. Estimated area outside of land embraced in adjustment list of Central Pacific R. R. Co., which includes secs. 13 and 23, T. 1 N., R. 1 E., and sec. 17, T. 1 N., R. 2 E., Utah, 600 acres.
	208.56	Executive order, June 8, 1896, reserves SW. $\frac{1}{4}$ sec. 26; NE. $\frac{1}{4}$ NE. $\frac{1}{4}$ and lot 1 sec. 34, T. 1 N., R. 1 E., Utah, for use of Fort Douglas.
Fort Du Chesne, in T. 2 S., R. 1 E., Uintah meridian, within the Uintah Indian Reservation.	3,840.00	Executive order, Sept. 1, 1887.
Total in Utah (estimated).....	8,956.75	
WASHINGTON.		
Port Angeles and Ediz Hook, in Ts. 30 and 31 N., Rs. 5 and 6 W.	(a)	Executive orders, July 19, 1862, and Mar. 10, 1863. Executive order, May 15, 1893, reserves blocks Nos. 32 and 53 within town site of Port Angeles for custom-service use.
Canoe Island, off east coast of Shaw Island....	43.10	Executive order, July 2, 1875.
Cape Disappointment, including Fort Canby, fractional section 9 (except lot 4, reserved for light-house purposes), and part of fractional sections 4 and 5, T. 9 N., R. 11 W.	536.20	Executive order, Feb. 26, 1852.
Southwest part of Lopez Island, including Bunch Island and Whale Rocks.	599.30	} Executive order, July 2, 1875.
Northwest part of Lopez Island, extending from Flat Point to Upright Point. These reserves are in Ts. 34, 35, and 36 N., R. 2 W.	634.60	
At Nee-ah Harbor, Straits Juan de Fuca:	529.00	} Executive order, June 9, 1868. A part of these lands declared reserved were disposed of prior to date of order reserving same, viz: NW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ and lot 3, sec. 1, T. 21 N., R. 2 E.; lot 5 and NE. $\frac{1}{4}$ of SE. $\frac{1}{4}$, sec. 2, T. 21 N., R. 2 E., and SW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 33, T. 22 N., R. 2 E.
1. Wa-addah Island.....	b 400.00	
2. Tract east side of harbor.....	b 400.00	
3. Tract west side of harbor.....		
At Narrows of Puget Sound:		
1. South end of Vashons Island.....	633.60	
All in Ts. 21 and 22 N., R. 2 E.		

a Area not known.

b About.

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.	
WASHINGTON—continued.			
San Juan Island:		Executive order, July 2, 1875. Executive orders dated Mar. 2 and May 20, 1889, amended Executive order of July 2, 1875, confining the military reservation on San Juan Island to certain lots and subdivisions in secs. 7 and 8, in T. 34 N., Rs. 2 and 3 W.; making an aggregate of 640 acres.	
Southeast point of island, including Goose Island and Rocky Peninsula, in T. 34 N., R. 2 W.	640.00		
Northeast point of island, including Reed Rock (in secs. 1, 2, 11, 12, and 13, T. 35 N., R. 3 W.).	508.83		
Shaw Island:		Executive order, July 2, 1875.	
West end of island, mostly in T. 36 N., R. 2 W.	515.30		
Eastern reserve on island, mostly in T. 36 N., R. 2 W.	594.90	Executive order, July 31, 1865. Order of Secretary of War, Oct. 29, 1853. Executive order Jan. 5, 1878, ($\frac{1}{100}$ of an acre was granted to Catholic mission). Executive order, May 13, 1859. Hay and timber reserve granted away or sold. Order of Secretary of Interior, June 24, 1881. Executive order, Jan. 12, 1882; Executive order, Nov. 17, 1887.	
Fort Three Tree Point, in T. 9 N., R. 7 W.	640.00		
Fort Vancouver, in T. 2 N., R. 1 E.	639.54		
Fort Walla Walla, part of the post reserve remaining unsold.	619.57		
Fort Spokane, on Spokane River	640.00	Executive order, Sept. 22, 1866. This order declared reservations of 640 acres each where the title to the lands should be found in the United States, but upon final designation of the reservation by the War Department the areas were reduced below 640 acres, as per this table. Quite a number of legal subdivisions within the limits designated were found to have been disposed of prior to date of order, which reduces the area reserved below the figures here stated. Exact reserved area not calculated.	
Reservations as follows at points where the title should be found to be in the United States, viz:			
1. On north side of New Dungeness Harbor, embracing all the peninsula to its junction with the mainland, in T. 31 N., R. 4 W.	258.63		
2. South side of New Dungeness Harbor, in T. 31 N., Rs. 3 and 4 W.	628.00		
3. On west side of entrance to Washington Harbor, in T. 30 N., R. 3 W.	614.00		
4. East side of entrance to Washington Harbor, T. 30 N., R. 3 W.	a 404.00		
5. Clallam Point, T. 30 N., R. 2 W.	614.00		
6. Opposite Clallam Point, in T. 30 N., Rs. 1 and 2 W.	637.00		
7. Protection Island, in Ts. 30 and 31 N., R. 2 W.	-----		All disposed of before order issued.
8. Opposite Protection Island, in T. 30 N., R. 1 W.	624.25		Executive order, Sept. 22, 1866.
9. Vancouver Point, in Ts. 29 and 30 N., R. 2 W.	603.00		
10. Point Wilson, in T. 31 N., R. 1 W.	464.00		All disposed of before order issued.
11. Point Hudson, in T. 30 N., R. 1 W.	-----		
12. Admiralty Head, in T. 31 N., R. 1 E.	450.00		
13. Marrowstone Point, in T. 30 N., Rs. 1 E. and 1 W.	590.00	Executive order, Sept. 22, 1866. This order declared reservations of 640 acres each where the title to the lands should be found in the United States, but upon final designation of the reservation by the War Department the areas were reduced below 640 acres, as per this table. Quite a number of legal subdivisions within the limits designated were found to have been disposed of prior to date of order, which reduces the area reserved below the figures here stated. Exact reserved area not calculated.	
By Executive order, Nov. 14, 1896. N. $\frac{1}{2}$ of SW. $\frac{1}{4}$, sec. 17, and that part of lot 6 of sec. 18, T. 30 N., R. 1 E., W. M., not already embraced in the reservation as per Executive order of Sept. 22, 1866, was reserved in connection with Marrowstone Point Reservation.	b 58.00		
14. North of entrance to Deception Pass, including two islands in the pass, in T. 34 N., R. 1 E.	550.00		
15. South entrance to the pass, in T. 34 N., R. 2 E.	630.00		
16. Two islands east of Deception Pass, in T. 34 N., R. 2 E.	140.00		
17. Tala Point, in T. 28 N., R. 1 E.	615.25		
18. Hoods Head, in T. 28 N., R. 1 E.	614.25		
19. Foulweather Point, in T. 28 N., Rs. 1 and 2 E.	602.20		
20. Double bluffs, fractional secs. 26, 27, 28, and lots 4 and 5, sec. 22 of T. 29 N., R. 2 E.	626.25		
21. Point Defiance, in T. 21 N., R. 2 E.	631.00		
25. Whidbeys Island, most northerly point, in T. 34 N., Rs. 1 and 2 E.	606.00	See preceding remarks.	
Goose Island, situate in the Strait of San Juan de Fuca, off the southeastern point of San Juan Island, in the SE. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ of sec. 8, T. 24 N., R. 2 W.	-----	Executive order, Jan. 9, 1889.	
Total in Washington	18,633.27		

a Excluding lands embraced in donation claim of Geo. H. Gerrish, per Executive order, January 9, 1893.

b Estimated area.

Names and locations of existing military reservations, etc.—Continued.

Name and location of reservation.	Area in acres.	Date of Executive order or other authority, and remarks.
WISCONSIN.		
Stone quarry, fractional secs. 25, 26, and 36, T. 28 N., R. 25 E.	1,046.10	Request of Secretary of War and order of Secretary of the Treasury, Sept. 1, 1837.
WYOMING.		
Fort D. A. Russell, adjoining city of Cheyenne, in T. 14 N., E. 67 W.	4,512.00	Executive order, June 28, 1869.
Wood reserves for Forts Sanders, D. A. Russell, and Cheyenne depot, secs. 20, 28, 30, 32, T. 15 N., R. 71 W.	α2,540.64	Executive orders, Nov. 4, 1879, and Feb. 25, 1880.
Fort Fred. Steele National Cemetery -----	-----	Secretary of War, Nov. 19, 1886. Area not known.
Fort Washakie, within the Shoshone Indian Reservation.	α1,405.00	Executive order, May 21, 1887.
Total in Wyoming -----	8,457.64	
Total area of military reservations in the public-land States and Territories, as far as known or estimated.	786,837.82	

α About.

GENERAL INSTRUCTIONS.

The following are the general and special instructions issued to surveyors-general for the fiscal year ended June 30, 1898, viz:

By the act of Congress approved June 4, 1897, making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1898, and for other purposes, there were appropriated—

“For surveys and resurveys of public lands, three hundred and twenty-five thousand dollars, at rates not exceeding nine dollars per linear mile for standard and meander lines, seven dollars for township, and five dollars for section lines: *Provided*, That in expending this appropriation preference shall be given in favor of surveying townships occupied, in whole or in part, by actual settlers and of lands granted to the States by the act approved February twenty-second, eighteen hundred and eighty-nine, and the acts approved July third and July tenth, eighteen hundred and ninety, and other surveys shall be confined to lands adapted to agriculture and lines of reservations, except that the Commissioner of the General Land Office may allow, for the survey and resurvey of lands heavily timbered, mountainous, or covered with dense undergrowth, rates not exceeding thirteen dollars per linear mile for standard and meander lines, eleven dollars for township, and seven dollars for section lines, and in cases of exceptional difficulties in the surveys, where the work can not be contracted for at these rates, compensation for surveys and resurveys may be allowed by the said Commissioner, with the approval of the Secretary of the Interior, at rates not exceeding eighteen dollars per linear mile for standard and meander lines, fifteen dollars for township, and twelve dollars for section lines: *Provided*, That in the States of California, Colorado, Idaho, Montana, Oregon, Utah, Washington, Wyoming, and the Territory of Arizona there may be allowed, in the discretion of the Secretary of the Interior, for the survey and resurvey of lands heavily timbered, mountainous, or covered with dense undergrowth, rates not exceeding twenty-five dollars per linear mile for standard and meander lines, twenty-three dollars for township, and twenty dollars for section lines; and of the sum hereby appropriated not exceeding fifteen thousand dollars may be expended for resurveys, and not exceeding forty thousand dollars may be expended for examination of public surveys in the several surveying districts, in order to test the accuracy of the work in the field, and to prevent payment for fraudulent and imperfect surveys returned by deputy surveyors, and for examinations of surveys heretofore made and reported to be defective or fraudulent, and inspecting mineral deposits, coal fields, and timber districts, and for making such other surveys or examinations as may be required for identification of lands for purposes of evidence in any suit or proceeding in behalf of the United States.”

Deducting from the \$325,000 appropriated the sums of \$40,000 for examinations in the field, etc, and \$15,000 for resurveys there remains available for apportionment among the several surveying districts the sum of \$270,000.

From the \$270,000 available there is hereby apportioned to the district of _____ the sum of _____.

The fund provided for examinations will be retained under the direct control of this office and expended in the maintenance of a corps of competent examiners (special agents for the examination of surveys), who will be detailed according to the exigencies of the service in the several surveying districts. Employees of this office, who are competent and experienced surveyors, will also be detailed to make examinations in the several surveying districts whenever such a course is necessary in order to expedite the work in this branch of the service. It is the intention of this office to have all surveys, as far as possible, examined in the field by its special agents or office employees detailed for that purpose.

The annual instructions issued under date of October 10, 1895, for the fiscal year ending June 30, 1896, were full and explicit, and the surveying rates for the current fiscal year being the same as for the fiscal year 1896, the said instructions of October 10, 1895, are hereby made applicable to the current fiscal year, and you will be governed accordingly.

The said sundry civil appropriation act of June 4, 1897, provides:

"For the survey of the public lands that have been or may hereafter be designated as forest reserves by Executive proclamation, under section twenty-four of the act of Congress approved March third, eighteen hundred and ninety-one, entitled 'An act to repeal timber-culture laws, and for other purposes,' and including public lands adjacent thereto, which may be designated for survey by the Secretary of the Interior, one hundred and fifty thousand dollars, to be immediately available: *Provided*, That to remove any doubt which may exist pertaining to the authority of the President thereunto, the President of the United States is hereby authorized and empowered to revoke, modify, or suspend any and all such Executive orders and proclamations, or any part thereof from time to time as he shall deem best for the public interests: *Provided*, That the Executive orders and proclamations dated February twenty-second, eighteen hundred and ninety-seven, setting apart and reserving certain lands in the States of Wyoming, Utah, Montana, Washington, Idaho, and South Dakota as forest reservations, be, and they are hereby, suspended, and the lands embraced therein restored to the public domain the same as though said orders and proclamations had not been issued: *Provided further*, That lands embraced in such reservations not otherwise disposed of before March first, eighteen hundred and ninety-eight, shall again become subject to the operations of said orders and proclamations as now existing or hereafter modified by the President.

"The surveys herein provided for shall be made under the supervision of the Director of the Geological Survey, by such person or persons as may be employed by or under him for that purpose, and shall be executed under instructions issued by the Secretary of the Interior; and if subdivision surveys shall be found to be necessary, they shall be executed under the rectangular system, as now provided by law. The plats and field notes prepared shall be approved and certified to by the Director of the Geological Survey, and two copies of the field notes shall be returned, one for the files in the United States surveyor-general's office of the State in which the reserve is situated, the other in the General Land Office; and twenty photolithographic copies of the plats shall be returned, one copy for the files in the United States surveyor-general's office of the State in which the reserve is situated; the original plat and the other copies shall be filed in the General Land Office, and shall have the facsimile signature of the Director of the Survey attached."

In view of this provision for the survey of lands embraced in forest reservations, including public lands adjacent thereto, under the supervision of the Director of the Geological Survey, it becomes necessary to issue instructions defining the limit of public-land surveys under your supervision in order that no conflict of jurisdiction may arise. With this end in view, the honorable Secretary of the Interior was requested to advise this office as to the proper construction of the phrase "and including public lands adjacent thereto," as used in said act of June 4, 1897, and at the same time the suggestion was made that surveyors-general be permitted to contract for surveys in all townships which do not actually adjoin the forest reservations, thus leaving one tier or range of townships or fractional townships (as the case may be, according to the order setting apart the reservations) immediately adjoining the reservations subject to survey under the supervision of the Director of the Geological Survey.

In a letter dated July 2, 1897, the Acting Secretary of the Interior adopted the suggestion made by this office, stating that:

"The suggestion seems to be a good one. The public surveys are generally made by townships, and this was known to Congress, so it may well be held that recognizing the existing system it was not intended that the survey of any given township should be divided, and that any township, whether fractional or entire, adjoining any such reservation, constitutes 'lands adjacent thereto' within the meaning of the statute."

A copy of the Acting Secretary's letter dated July 2, 1897, is herewith inclosed.

You will be governed in the letting of surveying contracts by the opinion of the Department as expressed in said letter of July 2, 1897. All townships which *immediately adjoin* the forest reservations and all townships *through which the boundaries of the reservations pass* (thus including a portion of a given township in a forest reservation) are to be regarded as "lands adjacent thereto," and subject to survey under the Director of the Geological Survey, while your jurisdiction will extend to all public lands not within or "adjacent" to such reservations.

* * * * *

Very respectfully,

BINGER HERMANN, *Commissioner.*

F.—RAILROADS DIVISION.

Average number of clerks 25

Tabulated statement of work performed during the year ended June 30, 1898.

DOCKET CASES.

Cases pending July 1, 1897:			
Involving applications.....	1,553		
Involving entries.....	270		
Involving lists.....	158		
			1,981
Cases docketed and reinstated during the year:			
Involving applications.....	237		
Involving entries.....	47		
Involving lists.....	16		
			300
Total.....			2,281
Cases closed during the year:			
Involving applications.....	297		
Involving entries.....	66		
Involving lists.....	23		
			386
Cases pending July 1, 1898:			
Involving applications.....	1,493		
Involving entries.....	251		
Involving lists.....	151		
Total.....			1,895
Including—			
Cases pending before the Secretary on appeal or otherwise..	636		
Cases pending before this office in which action has been had..	291		
			927
Cases pending before this office not acted on.....			968
Of which 371 cases are suspended to await decisions in other cases.			
Cases transmitted to Secretary during the year:			
Appeals, etc.....	204		
Motions for review.....	57		
Applications for certiorari.....	00		
			261
Office decisions in docket cases rendered during the year:			
Involving applications, for applicant.....	90		
Involving applications, against applicant.....	90		
			180
Involving entries, for entryman.....	24		
Involving entries, against entryman.....	22		
			46
Involving lists, for company.....	6		
Involving lists, against company.....	24		
			30
Hearings ordered.....			256
Secretary's decisions promulgated.....			43
Reports to Congress.....			272
Reports to the Secretary.....			14
			77

APPLICATIONS FOR LANDS.

Pending July 1, 1897.....	459	
Received during the year.....	2	
		461
Disposed of during the year:		
By decisions in favor of applicants.....	58	
By decisions against applicants.....	118	
By reference to other divisions.....	5	
		181
Pending July 1, 1898*.....		280

ENTRIES.

Pending July 1, 1897:		
Original entries.....	1,360	
Final entries.....	879	
		2,239
Received during the year:		
Original entries.....	516	
Final entries.....	208	
		724
Total.....		2,963
Disposed of during the year:		
By cancellation.....	101	
By decisions against railroads, cases closed, entries referred.....	540	
		641
Pending July 1, 1898:		
Original entries.....	1,256	
Final entries.....	1,066	
		2,322
Included in docket cases.....	625	
Suspended.....	1,291	
		1,916
Balance.....		406
Most of which have received action.		

LETTERS.

Pending July 1, 1897.....	39	
Received during the year.....	6,604	
		6,643
Disposed of during the year:		
Answered.....	3,492	
Filed (no answer required).....	2,751	
Referred to other divisions.....	398	
		6,581
Pending unanswered July 1, 1898.....		62
Letters written during the year.....		7,713
Pages of press copy covered.....		11,410

MISCELLANEOUS.

Average number of clerks engaged during the year examining lists.....	$\frac{4}{5}$
Average number of clerks engaged during the year on adjustments.....	5
Railroad lists, in acres, canceled during the year.....	75,484.23
Patents, number of pages written and compared.....	729
Patents, number of pages recorded and compared.....	733
Copy, number of pages written and compared.....	6,717
Number of pages typewritten.....	13,047

* In addition to this number there are 564 applications for Michigan lands pending which have been suspended, awaiting the action of the courts in similar cases, and which will probably all be disposed of together as soon as the courts determine the questions involved.

230 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Number of names indexed	14,307
Number of certified copies furnished (176 without charge)	286
Cost	\$779.49
Letters and cases entered on register	6,604
Actions on cases and letters noted	8,804
Cards for notation on tract books	593
Cards for entries and cases	286

During the fiscal year ending June 30, 1898, lands have been certified or patented on account of railroad grants as follows, viz:

Name of railroad.	Where located.	Number of acres.
Alabama and Chattanooga	Alabama	160.44
Centra: Branch Union Pacific	Kansas	2,324.40
Central Pacific (proper)	California	2,440.47
Do	Nevada	9,235.04
Do	Utah	160.00
Chicago, Rock Island and Pacific	Iowa	40.00
Central Pacific (successor to California and Oregon)	California	15,040.45
Union Pacific (successor to Denver Pacific)	Colorado	49,171.74
Florida Central and Peninsular	Florida	2,958.61
Gulf and Ship Island	Mississippi	200.60
Union Pacific (successor to Kansas Pacific)	Kansas	52,166.78
Do	Colorado	4,637.20
Chicago, Milwaukee and St. Paul	Iowa	120.00
Missouri, Kansas and Texas	Kansas	1,679.17
New Orleans Pacific	Louisiana	7,786.65
Northern Pacific	Minnesota	22,460.00
Do	North Dakota	4,267.13
Do	Montana	518,404.04
Do	Idaho	34,626.46
Do	Washington	30,714.69
Oregon and California	Oregon	57,815.84
Oregon and California (successor to Oregon Central)	do	72.75
St. Paul, Minneapolis and Manitoba (act August 5, 1892)	North Dakota	261.58
St. Paul and Northern Pacific	Minnesota	8,902.20
Sioux City and Pacific	Nebraska	80.00
Southern Pacific (main line)	California	9,788.85
Southern Pacific (branch line)	do	11,082.48
Union Pacific (proper)	Nebraska	1,239.92
Do	Utah	46,203.13
Do	Wyoming	102,697.45
Do	Colorado	35,175.97
Wisconsin Central	Wisconsin	120.80
Total		1,032,534.84

ADJUSTMENTS.

In pursuance of directions of the Department, and in accordance with the requirements of the act of March 3, 1887 (24 Stat., 556), examinations have been made during the past year with a view to their adjustment of the grants by Congress to aid in the construction of the following railroads:

Northern Pacific	North Dakota.
Do	Montana.
Do	Idaho.
Southern Minnesota Railway Extension Company	Minnesota.
California and Oregon	California.
Chicago and North-Western	Wisconsin.

These examinations were, with the exception of the Northern Pacific in Montana and North Dakota, readjustments made necessary by recent legislation by Congress and by decisions of the Supreme Court made subsequent to prior adjustments and changing the previous rulings as to the effect of claims of record at the dates of the grants and the definite locations thereunder, and of them the Northern Pacific in Montana and the Chicago and North-Western in Wisconsin were submitted to the Secretary of the Interior.

The balance will be submitted at an early day.

The adjustments now pending before the Department are:

Name of road.	Date of submission.
Oregon Central Military Wagon Road.....	July 28, 1894
Cedar Rapids and Missouri River (resubmitted on motion for review).....	Mar. 9, 1897
Northern Pacific in Montana.....	Nov. 18, 1897

The grants to aid in the construction of the following railroads and wagon roads have been examined at various times with a view to their final adjustment, have been submitted to the Department with recommendations, and have been returned with instructions chiefly with reference to the institution of suits for the recovery of title to lands found to have been erroneously certified or patented thereunder:

Name of road.	Date of return.
Chicago, St. Paul, Minneapolis and Omaha.....	Feb. 12, 1887
Hannibal and St. Joseph.....	May 29, 1887
Grand Rapids and Indiana.....	June 30, 1887
Sioux City and St. Paul.....	July 27, 1887
Missouri, Kansas and Texas.....	Aug. 2, 1887
Winona and St. Peter.....	Dec. 26, 1889
Coosa and Tennessee.....	July 25, 1890
Dubuque and Pacific.....	Apr. 9, 1891
St. Paul, Minneapolis and Manitoba (main line and St. Vincent extension).....	June 10, 1891
Hastings and Dakota.....	June 23, 1891
St. Louis, Iron Mountain and Southern (Arkansas).....	Nov. 16, 1891
Chicago, Milwaukee and St. Paul.....	July 29, 1892
Vicksburg, Shreveport and Pacific.....	May 18, 1892
Coos Bay Military Wagon Road.....	Sept. 1, 1892
Bay de Noquet and Marquette.....	Oct. 3, 1892
Mobile and Girard.....	Apr. 24, 1893
Alabama and Florida.....	Dec. 26, 1893
Florida and Alabama.....	Dec. 26, 1893
Willamette Valley and Cascade Mountain Wagon Road Company.....	Jan. 27, 1894
St. Louis, Iron Mountain and Southern (Missouri).....	Feb. 12, 1894
Southwest Pacific.....	Mar. 21, 1894
Little Rock and Fort Smith.....	Oct. 10, 1894
Florida Central and Peninsular.....	Dec. 6, 1894
South and North Alabama.....	Dec. 22, 1894
Do.....	Jan. 12, 1895
Burlington and Missouri River (Iowa).....	July 9, 1895
Atchison, Topeka and Santa Fe.....	July 18, 1895
Atlantic and Pacific (Missouri) or St. Louis and San Francisco (Springfield to west boundary of State).....	Sept. 23, 1895
Leavenworth, Lawrence and Galveston.....	Feb. 21, 1896
Chicago and Northwestern (Wisconsin).....	Oct. 16, 1896
Wills Valley, now Alabama and Chattanooga.....	Mar. 15, 1897
Northeast and Southwest Alabama, now Alabama and Chattanooga.....	Mar. 15, 1897
Chicago, Rock Island and Pacific.....	Nov. 30, 1897
Vicksburg and Meridian.....	July 18, 1898

In nearly all these cases the findings and recommendations of this office have received the approval of the Department, which in returning them gave instructions as above stated relative to the recovery of title to erroneously certified or patented lands or of the value thereof.

Readjustments of the grants to aid in the construction of Northern Pacific Railroad in Minnesota and Washington, the St. Louis, Iron Mountain and Southern Railroad in Arkansas, the Brainerd branch of the St. Paul, Minneapolis and Manitoba Railroad, and St. Paul and Northern Pacific Railroad in Minnesota, the Oregon and California Railroad in Oregon are in process, and it is expected will be completed in a short time.

The adjustment of the Cedar Rapids and Missouri River Railroad grant was returned to this office, but is again before the Department on motion for re-review.

In the course of the adjustments of these grants it has been discovered that considerable quantities of lands have been erroneously certified or patented under them, and this has resulted in the institution of numerous suits for the recovery of title to such lands or the value thereof, which has entailed upon this office a large amount of work in the preparation of records, and in the examination of bills in equity and proposed stipulations between the contending parties, the latter having been submitted for that purpose.

In the case of the Southern Pacific Branch Line Road, several suits were brought against the company which resulted in the recovery of title to certain erroneously patented land and the quieting of title in the United States to certain other lands, all lying within the overlapping limits of the portion of the Atlantic and Pacific Railroad grant which was declared forfeited by the act of Congress approved July 6, 1866 (24 Stat. L., 123), and the grants of Southern Pacific Railroad Company, and aggregating nearly a million acres.

Instructions for the restoration of these lands to entry were prepared and submitted to the Department on April 15, 1898, were approved May 3, 1898, and transmitted to the local officers at Los Angeles, Cal., May 6, 1898, with directions to give public notice thereof and set a day for the opening. This has been done, and the lands will be subject to entry on September 6, 1898. Since the publication of the notice of the restoration this office has received and is still receiving many letters of inquiry from claimants, particularly from purchasers from the railroad company, whose statements foreshadow that many complicated questions will arise in the disposal of the lands, and demonstrate the wisdom of the Department in making ample and effective provision for notice to all parties interested, and for the presentation of all claims of whatever character.

In several cases the titles of purchasers from railroad companies have been declared confirmed under the provision of the act of March 2, 1896 (29 Stat. L., 42), and demands have been made upon the railroad companies to which the lands were erroneously certified or patented for the price thereof, and in three cases, the Tennessee and Coosa, the Flint and Pere Marquette, and the California and Oregon companies, decided against the United States in the lower courts, further prosecution by appeal was recommended, the matter having been referred to this office for an opinion as to the advisability of such action.

RIGHT-OF-WAY RAILROADS.

By the act approved March 3, 1875 (18 Stat. L., 482), Congress granted to railroads, upon certain conditions, right of way through the public lands.

Under the provisions of this act, and of special acts, 458 companies have filed articles of incorporation which have been accepted, 14 of which were accepted during the fiscal year ended June 30, 1898. Right of way has been approved to 376 companies, 8 of which received their first approvals during the same period. There were received during the year 245 maps of locations of railroads, 31 of which have been approved, 9 have been filed not requiring approval, 6 are pending before the honorable Secretary, and 193 have been otherwise disposed of, a few of which were rejected, the rest having been returned for correction.

Instructions for making applications under this act are given in the circulars of March 21, 1892, and July 30, 1894, issued in one pamphlet.

A list of companies that have had maps approved is given in the following table, with references to various special acts passed for the benefit of said companies.

Right-of-way railroad companies with references to various special acts passed for the benefit of said companies.

[The * indicates that right of way was first approved during the past year.]

Name of company.	States and Territories.
Aberdeen, Bismarck and Northwestern Rwy., successor to Ordway, Bismarck and Northwestern Rwy.	North Dakota and South Dakota.
Aberdeen, Fergus Falls and Pierre R. R.	Do.
Agua Fria and Hassayampa Rwy	Arizona.
Alabama and Little River R. R.*	Alabama.
Arizona and Nevada R. R. and Navigation Co	Arizona.
Arizona and Southeastern R. R.	Do.
Arizona Mineral Belt R. R.	Do.
Arizona Narrow Gauge R. R., now Tucson, Globe and Northern R. R.	Do.
Arizona Northern Rwy	Do.
Arizona Southern R. R. (act Aug. 5, 1882, 22 Stat. L., 299, through Papago Indian Reservation).	Do.
Arkansas Southern R. R.	Arkansas.
Arkansas Valley and New Mexico R. R.	Colorado.
Arkansas Valley Rwy. (act of June 23, 1874, 18 Stat. L., 274)	Do.
Aspen and Western Rwy	Do.
Aspen and Short Line Rwy	Do.
Atlantic and Pacific R. R. (act of July 27, 1866, 14 Stat. L., 292)	Arizona.
Bakers Park and Lower Animas R. R.	Colorado.
Barnesville and Moorhead Rwy	Minnesota.
Bear Butte and Deadwood Rwy	South Dakota.
Beaver Valley R. R.	Kansas.
Bellingham Bay Rwy. and Navigation Co	Washington.
Big Horn Southern R. R. (act Feb. 12, 1889, 25 Stat. L., 660, through Crow Indian Reservation, Mont.; act Feb. 23, 1889, 25 Stat. L., 690, through Fort Custer Military Reservation, Mont.; act Mar. 1, 1893, 27 Stat. L., 529, through Crow Indian Reservation, Mont.).	Montana.
Billings, Clarkes Fork and Cooke City R. R. (act June 4, 1888, 25 Stat. L., 167, through Crow Indian Reservation, Mont.).	Montana and Wyoming.
Bingham Canyon and Camp Floyd R. R.	Utah.
Black Hills and Fort Pierre R. R.	South Dakota.
Black Hills and Wyoming R. R.	Do.
Black Hills Central R. R.	Do.
Black Hills R. R.	Do.
Blue Mountain and Columbia River R. R.	Oregon.
Bodie Rwy. and Lumber Co	California.
Boise, Nampa and Owyhee Rwy.*	Idaho.
Boulder, Left Hand and Middle Park R. R. and Navigation Co	Colorado.
Brainerd and Northern Minnesota Rwy. (act Feb. 24, 1896, 29 Stat. L., 12, through Leech Lake and Chippewa Indian reservations, Minn.).	Minnesota.
Bridal Veil Lumbering Co.	Oregon.
Burlington and Colorado R. R.	Colorado.
Burlington, Kansas and Southwestern R. R., now Southern Kansas Rwy.	Nebraska and Kansas.
Busk Tunnel Rwy	Colorado.
Butte, Anaconda and Pacific Rwy	Montana.
California Central Rwy.	California.
California Central Rwy., Mountain Division	Do.
California Central Rwy., Nevada Division	Nevada.
California Central Rwy., San Joaquin Division	California.
California Northern R. R. (act of Aug. 4, 1852, 10 Stat. L., 28)	Do.
California Short Line Rwy.	Utah.
California Southern Extension R. R., now California Southern R. R.	California.
California Southern R. R., successor to California Southern Extension R. R.	Do.
Canon City and Cripple Creek Gold Belt Rwy	Colorado.
Canon City and San Juan Rwy	Do.
Canon Creek R. R.	Idaho.
Canon de Agua R. R.	Colorado.
Carbon Cut-off Rwy	Wyoming.
Carson and Colorado R. R.	Nevada.
Carson and Colorado R. R., Second Division	California.
Carson and Colorado R. R., Third Division	Do.
Cassellton Branch R. R.	North Dakota.
Cebolla Rwy	Colorado.
Cedar Rapids, Iowa Falls and Northwestern Rwy. (act Mar. 2, 1889, 25 Stat. L., 1012; through Pipestone Indian Reservation, Minn.).	Minnesota, South Dakota, and Iowa.
Central Washington R. R.	Washington.
Cheyenne and Burlington R. R.	Wyoming.
Cheyenne and Northern Rwy. (act June 30, 1886, 24 Stat. L., 104; through Fort Russell and Fort Laramie military reservations).	Do.
Chicago and Dakota Rwy.	Minnesota.

Right-of-way railroad companies with references to various special acts passed for the benefit of said companies—Continued.

Name of company.	States and Territories.
Chicago and Northwestern Rwy., successor to Menomonee River Rwy. and Iron River Rwy.	Michigan.
Chicago, Kansas and Nebraska Rwy., now Chicago, Rock Island and Pacific Rwy. (act Mar. 2, 1887, 24 Stat. L., 446; act June 27, 1890, 26 Stat. L., 181; through Indian Territory).	Oklahoma, Colorado, and Kansas.
Chicago, Kansas and Western Rwy.	Kansas.
Chicago, Milwaukee and St. Paul Rwy. (act of April 30, 1888, sec. 16, 25 Stat. L., 94; act March 2, 1889, sec. 16, 25 Stat. L., 888; through Great Sioux Indian Reservations).	North Dakota, South Dakota, and Wisconsin.
Chicago, Rock Island and Colorado Rwy.	Colorado.
Chicago, Rock Island and Pacific Rwy., successor to Chicago, Kansas and Nebraska Rwy. (act June 27, 1890, 26 Stat. L., 181; act Feb. 27, 1893, 27 Stat. L., 492; through Indian Territory).	Oklahoma, Colorado, and Kansas.
Chicago, St. Paul, Minneapolis and Omaha Rwy.	Wisconsin and South Dakota.
Chicosa Canon Rwy.	Colorado.
Choctaw Coal and Rwy. Co., now Choctaw, Oklahoma and Gulf R. R. (acts Feb. 18, 1888, and Feb. 13, 1889, 25 Stat. L., 35 and 668; act Feb. 21, 1891, 26 Stat. L., 765; acts Jan. 22 and Aug. 24, 1894, 28 Stat. L., 27 and 502; act Apr. 24, 1896, 29 Stat. L., 98; through Indian Territory).	Oklahoma.
Choctaw, Oklahoma and Gulf R. R., formerly Choctaw Coal and Rwy. Co.	Do.
Clifton and Lordsburg Rwy.	New Mexico.
Clifton and Southern Pacific Rwy.	Arizona.
Cœur d'Alene Rwy. and Navigation Co.	Idaho.
Colorado and New Mexico R. R.	Colorado.
Colorado and Northeastern Rwy.	Do.
Colorado and Northwestern Rwy.*	Do.
Colorado and Utah.	Do.
Colorado and Wyoming R. R.	Do.
Colorado Central R. R., now Union Pacific, Denver and Gulf Rwy.	Colorado and Wyoming.
Colorado Midland Rwy.	Colorado.
Colorado Northern Rwy.	Do.
Colorado Rwy.	Do.
Colorado River and Silver District R. R.	Arizona.
Colorado Southwestern Rwy.	Colorado.
Colorado Western R. R.	Do.
Columbia and Palouse R. R.	Idaho and Washington.
Columbia and Puget Sound R. R.	Washington.
Columbia Rwy. and Navigation Co., successor to Farmers' Railway, Navigation and Steamship Portage Co.	Oregon and Washington.
Continental Rwy. and Telegraph Co.	Colorado.
Coos Bay, Roseburg and Eastern Railroad and Navigation Co.	Oregon.
Cortez and Dolores Valley R. R.	Colorado.
Creed and Gunnison Short Line R. R.	Do.
Cripple Creek District Rwy.* (act June 27, 1893, 30 Stat. L., 493; through Pikes Peak Timber Land Reserve).	Do.
Crystal River Rwy.	Do.
Current River Rwy.	Missouri.
Dakota and Great Southern Rwy.	South Dakota.
Dakota Central Rwy. (act Apr. 30, 1888, sec. 16, 25 Stat. L., 94; act Mar. 2, 1889, sec. 16, 25 Stat. L., 888; through Great Sioux Indian Reservation; right of way through Winnebago Indian Reservation, see decision of Acting Secretary, Jan. 24, 1882).	North Dakota and South Dakota.
Dakota Grand Trunk Rwy. (act of June 1, 1872, 17 Stat. L., 202).	Do.
Dakota Southern R. R. (act of May 27, 1872, 17 Stat. L., 162).	South Dakota.
Dakota, Wyoming and Missouri River R. R.	Do.
Deadwood and Redwater Valley Rwy.	Do.
Deadwood Central R. R.	Do.
Deming, Sierra Madre and Pacific R. R.	New Mexico.
Denver and Canon City Rwy.	Colorado.
Denver and New Orleans R. R.	Colorado and New Mexico.
Denver and Rio Grande R. R., successor to Denver and Rio Grande Rwy. (act Apr. 16, 1888, 25 Stat., 85; through Fort Crawford Military Reservation).	Do.
Denver and Rio Grande Rwy. (act of June 8, 1872, 17 Stat. L., 339; act March 3 1875, 18 Stat. L., 516; act Mar. 3, 1877, 19 Stat. L., 405), now R. R.	Do.
Denver and Rio Grande Western Rwy., now Rio Grande Western Rwy.	Utah.
Denver and Santa Fe Rwy.	Colorado.
Denver, Cripple Creek and Southwestern R. R. (act Mar. 23, 1896, 29 Stat. L., 190; through South Platte Forest Reserve and Plum Creek Timber Land Reserve).	Do.
Denver, Leadville and Gunnison Rwy.	Do.
Denver, Rollinsville and Western R. R.	Do.
Denver, Salt Lake and Western R. R.	Do.
Denver Short Line Rwy.	Do.
Denver, South Park and Hill Top Rwy.*	Do.
Denver, South Park and Leadville R. R.	Do.
Denver, South Park and Pacific R. R.	Do.
Denver, Texas and Fort Worth R. R.	Do.
Denver, Texas and Fort Worth R. R.	Colorado and New Mexico.
Denver, Utah and Pacific R. R.	Colorado.

Right-of-way railroad companies with references to various special acts passed for the benefit of said companies—Continued.

Name of company.	States and Territories.
Denver, Western and Pacific Rwy.....	Colorado.
Detroit, Mackinac and Marquette R. R., now Duluth, South Shore and Atlantic Rwy.....	Michigan.
Drummond and Phillipsburg R. R.....	Montana.
Duluth and Iron Range R. R.....	Minnesota.
Duluth and Manitoba R. R. (act June 25, 1890, 26 Stat. L., 179; through Fort Pembina Military Reservation, N. Dak.).....	Minnesota and North Dakota.
Duluth and Winnipeg R. R., now Duluth, Superior and Western R. R. (act Oct. 17, 1888, 25 Stat. L., 558, through Fond du Lac Indian Reservation; act March 2, 1889, 25 Stat. L., 1010, through Leech Lake and White Earth Indian reservations; act June 2, 1890, 26 Stat. L., 126, through Winnibigoshish, Cass Lake, White Oak Point, and Red Lake Indian reservations; act Aug. 27, 1894, 28 Stat. L., 504; act Feb. 23, 1897, 29 Stat. L., 702, through Chippewa and White Earth Indian reservations. All in Minnesota.).....	Minnesota.
Duluth, Crookston and Northern R. R.....	Do.
Duluth, Missabe and Northern Rwy.....	Do.
Duluth, Mississippi River and Northern R. R.....	Do.
Duluth, Pierre and Black Hills R. R.....	South Dakota.
Duluth, South Shore and Atlantic Rwy., successor to Detroit, Mackinac and Marquette R. R., and Duluth, Superior and Michigan Rwy.....	Wisconsin and Michigan.
Duluth, Superior and Michigan Rwy., now Duluth, South Shore and Atlantic Rwy. (treaty Sept. 30, 1854, 10 Stat. L., 1109, art. 3; through La Pointe Indian Reservation, Wis.).....	Do.
Duluth, Superior and Western R. R., formerly Duluth and Winnipeg R. R. (act Feb. 23, 1897, 29 Stat. L., 702; through Chippewa and White Earth Indian reservations.).....	Minnesota.
Duluth, Watertown and Pacific Rwy.....	South Dakota.
Dunseith and Southeastern R. R.....	North Dakota.
Durango, Cortez and Salt Lake R. R.....	Colorado.
Durango Rwy.....	Do.
Durango, Rico and Northern R. R.....	Do.
Eastern Railway of Minnesota.....	Wisconsin and Minnesota.
Eastern Wyoming R. R.....	Wyoming.
Eastern Wyoming Rwy.....	Do.
Echo and Park City Rwy., successor to Summit County R. R.....	Utah.
Elk Mountain Rwy.....	Colorado.
Escambia R. R.....	Alabama.
Eureka and Palisade R. R.....	Nevada.
Eureka Springs Rwy.....	Arkansas.
Everett and Monte Cristo Rwy.....	Washington.
Fairhaven and Southern R. R.....	Do.
Fargo and Southwestern R. R.....	North Dakota.
Fargo, Larrimore and Northern Rwy.....	Do.
Farmers' Railway, Navigation and Steamship Portage Co., now Columbia Railway and Navigation Co.....	Oregon and Washington.
Florence and Cripple Creek R. R.....	Colorado.
Florence, Cripple Creek and State Line R. R.....	Do.
Florence Southern R. R.....	Do.
Florida Southern Rwy.....	Florida.
Forest City and Sioux City R. R. (act Feb. 12, 1895, 28 Stat. L., 653, through Sioux Indian Reservation, S. Dak.).....	South Dakota.
Forest City and Watertown R. R. (act Mar. 2, 1889, 25 Stat. L., 852, Sioux Indian Reservation, S. Dak.).....	Do.
Fremont, Elkhorn and Missouri Valley R. R. (act Jan. 20, 1885, 23 Stat. L., 284, through Fort Robinson Military Reservation, Neb.; act Feb. 28, 1887, 24 Stat. L., 434, through Fort Meade Military Reservation, S. Dak.).....	Nebraska, South Dakota, and Wyoming.
Georgetown, Breckenridge and Leadville Rwy.....	Colorado.
Georgetown, Silver Creek and Chicago Lakes Rwy.....	Do.
Gila Valley, Globe and Northern Rwy.....	Arizona.
Glenwood High Line Rwy.....	Colorado.
Grand Island and Northern Wyoming R. R.....	Wyoming.
Grand Island and Wyoming Central R. R.....	South Dakota and Nebraska.
Grand Valley Rwy.....	Colorado.
Grayling, Twin Lakes and Northeastern R. R.....	Michigan.
Grays Peak, Snake River and Leadville Rwy.....	Colorado.
Great Falls and Canada Rwy.....	Montana.
Great Salt Lake and Hot Springs Rwy.....	Utah.
Great Southern Rwy. (act of June 4, 1872, 17 Stat. L., 224).....	Florida.
Greeley, Bear River and Pacific R. R. and Telegraph Co.....	Colorado.
Greeley, Salt Lake and Pacific Rwy.....	Do.
Green River and Northern R. R.....	Washington.
Hazelhurst and South-Eastern Rwy.*.....	Wisconsin.
Helena and Jefferson County R. R.....	Montana.
Helena and Northern Rwy.....	Do.
Helena and Red Mountain R. R.....	Do.
Helena, Boulder Valley and Butte R. R.....	Do.
Houston, Central Arkansas and Northern R. R.....	Louisiana.
Hutchinson and Southern R. R. (acts of Sept. 26, 1890, 26 Stat. L., 485, Feb. 3, 1892, 27 Stat. L., 2, and Aug. 27, 1894, 28 Stat. L., 505; through Indian Territory.).....	Oklahoma.

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Right-of-way railroad companies with references to various special acts passed for the benefit of said companies—Continued.

Name of company.	States and Territories.
Idaho Central Rwy., now Oregon Short Line and Utah Northern Rwy	Idaho.
Idaho North and South Rwy	Oregon and Idaho.
Iron Mountain Rwy	California.
Iron River Rwy., now Chicago and Northwestern Rwy	Michigan.
Jacksonville, Pensacola and Mobile R. R. (act of Mar. 3, 1875, 18 Stat. L. 509).	Florida and Alabama.
Jacksonville, St. Augustine and Halifax River Rwy. (act July 11, 1890, 26 Stat. L., 265, through St. Augustine Military Reservation, Fla.).	Florida.
Jacksonville, St. Augustine and Indian River Rwy	Do.
James River Valley R. R.	North Dakota and South Dakota.
Jamestown and Northern R. R.	South Dakota.
Jamestown and Northern Rwy. Extension Co.	North Dakota.
Kansas Central R. R.	Kansas.
Kansas City, Fort Smith and Southern Rwy	Missouri.
Kansas City, Nevada and Fort Smith R. R., now Kansas City, Pittsburg and Gulf R. R.	Arkansas.
Kansas City, Pittsburg and Gulf R. R., successor to Kansas City, Nevada and Fort Smith R. R. (acts of Feb. 27, 1892, 27 Stat. L., 487; Mar. 2, 1895, 28 Stat. L., 744, and Feb. 13, 1896, 29 Stat. L., 6, through Indian Territory).	Do.
Kansas City, Springfield and Memphis R. R.	Missouri.
Kansas City, Watkins and Gulf Rwy	Louisiana.
Kootenai R. R.	Idaho.
Lake Michigan and Lake Superior Rwy	Michigan.
La Plata R. R.	Colorado.
Laramie, North Park and Pacific R. R. and Telegraph Co.	Wyoming.
Lincoln and Black Hills R. R.	Nebraska.
Lincoln, Denver and Colorado Rwy	Colorado.
Little Book Cliff Rwy	Do.
London, South Park and Leadville R. R.	Do.
Louisiana Western R. R.	Louisiana.
Louisville, New Orleans and Texas Rwy	Mississippi.
Manitou and Pikes Peak Rwy	Colorado.
Maricopa and Phoenix R. R. (act Jan. 17, 1887, 24 Stat. L., 361), through Gila River Indian Reservation.	Arizona.
Menominee Rwy	Wisconsin.
Menominee River R. R., now Chicago and Northwestern Rwy	Michigan.
Midland Terminal Rwy	Colorado.
Milwaukee and Northern R. R.	Michigan.
Milwaukee, Lake Shore and Western Rwy. (act June 4, 1888, 25 Stat. L., 169, through Lac de Flambeau Indian Reservation, Wis.).	Wisconsin.
Minneapolis and St. Cloud R. R.	Minnesota.
Minneapolis, Sault Ste. Marie and Atlantic Rwy	Michigan and Wisconsin.
Minneapolis, St. Paul and Sault Ste. Marie Rwy	North Dakota.
Missoula and Bitter Root Valley R. R.	Montana.
Missouri and Arkansas R. R.	Arkansas and Missouri.
Missouri, Arkansas and Southern Rwy	Arkansas.
Missouri River, North Platte and Denver Rwy.	Nebraska.
Mobile, Jackson and Kansas City R. R.	Alabama.
Montana and Wyoming Eastern R. R.	Idaho and Montana.
Montana Central Rwy	Montana.
Montana Midland Rwy	Do.
Montana Railway	Do.
Mount Carbon, Gunnison and Lake City R. R. and Coal Transportation Co.	Colorado.
Nebraska and Colorado R. R.	Nebraska.
Nebraska and Western Rwy	Do.
Nevada, California and Oregon Rwy	California and Nevada.
Nevada Central Rwy	Nevada.
Nevada County Narrow Gauge R. R. (act of June 20, 1874, 18 Stat. L., 130).	California.
Nevada Southern Rwy	Do.
Nevada Southern Rwy, first division	Nevada.
New Mexico R. R.	New Mexico.
New Mexico and Arizona R. R.	Arizona.
New Mexico and Southern Pacific R. R.	New Mexico.
New Orleans and Northeastern R. R.	Louisiana and Mississippi.
Northern Pacific and Cascade R. R.	Washington.
Northern Pacific and Montana R. R.	Montana.
Northern Pacific and Puget Sound Shore R. R.	Washington.
Northern Pacific, La Moure and Missouri River R. R.	North Dakota.
North Fork Valley and Anthracite Ry.*	Colorado.
North Park and Grand River R. R. and Telegraph Co.	Colorado.
Oakley and Colby Rwy	Kansas.
Ogden and Cache Valley Rwy	Utah.
Ogden and Wyoming Rwy	Do.
Omaha and Elkhorn Valley Rwy	Nebraska.
Omaha and Republican Valley R. R.	Do.
Omaha, Niobrara and Black Hills R. R.	Do.

Right-of-way railroad companies with references to various special acts passed for the benefit of said companies—Continued.

Name of company.	States and Territories.
Ontonagon and Brule River R. R.	Michigan.
Ordway, Bismarck and Northwestern Rwy., successor to Aberdeen, Bismarck and Northwestern Rwy.	North Dakota and South Dakota.
Oregon and California R. R.	Oregon.
Oregon and Washington Territory R. R.	Oregon and Washington.
Oregon Railway and Navigation Co. (act July 26, 1888, 25 Stat. L., 349, through Nez Perce Indian Reservation, Idaho; act Oct. 17, 1888, sec. 4, 25 Stat. L., 558, through Umatilla Indian Reservation, Oreg.; right of way through Umatilla Indian Reservation. See Secretary's decisions in Feb., Apr., and Aug., 1881).	Oregon, Washington and Idaho.
Oregon Railway Extension Co.	Oregon and Washington.
Oregon Short Line and Utah Northern Rwy., successor to Oregon Short Line Rwy., Idaho Central Rwy., Salt Lake and Western Rwy., Utah and Northern Rwy., and Utah Central Rwy.	Wyoming, Idaho, Oregon, Utah, Nevada, and Montana.
Oregon Short Line Rwy., now Oregon Short Line and Utah Northern Rwy. (act Sept. 1, 1888, 25 Stat. L., 452, through Fort Hall Indian Reservation, Idaho).	Do.
Oroville and Beckworth R. R.	California.
Oxford and Kansas R. R.	Nebraska.
Palatka and Indian River Rwy.	Florida.
Pecos Valley R. R., now Rwy.	New Mexico.
Pecos Valley Rwy., successor to Pecos Valley R. R.	Do.
Pensacola and Louisville R. R. (act of June 8, 1872, 17 Stat. L., 340)	Alabama.
Pensacola and Mobile R. R.	Do.
Pikes Peak Rwy. and Improvement Co.	Colorado.
Portland, Lower Columbia and Eastern Washington R. R.	Washington.
Prescott and Arizona Central Rwy. (act Feb. 28, 1887, 24 Stat. L., 433, through Whipple Barracks Military Reservation, Ariz.).	Arizona.
Princeton and Western Rwy.	Wisconsin.
Prospect Hill Co.	Oregon.
Pueblo and Arkansas Valley R. R. (successor to Pueblo and Salt Lake Rwy., through Fort Lyon Military Reservation. See Secretary's decision, Nov. 28, 1876.)	New Mexico and Colorado.
Pueblo and Salt Lake Rwy., now Pueblo and Arkansas Valley R. R.	Colorado.
Pueblo and Silver Cliff Rwy.	Do.
Pueblo and State Line R. R.	Do.
Pueblo, Gunnison and Pacific R. R.	Do.
Puget Sound and Chehalis R. R.	Washington.
Puget Sound and Grays Harbor R. R. and Transportation Co.	Do.
Puget Sound, Skagit and Eastern Rwy.	Do.
Puyallup Valley Rwy. (act July 26, 1888, 25 Stat. L., 530, through Puyallup Indian Reservation, Wash.).	Do.
Rapid City, Harney Peak and Southwestern Rwy.	South Dakota.
Rapid City, Missouri River and St. Paul R. R.	Do.
Red River and Lake of the Woods Rwy.	Minnesota.
Republican Valley and Wyoming R. R.	Nebraska.
Republican Valley R. R.	Do.
Rio Grande Branch Line R. R.	Colorado.
Rio Grande Gunnison Rwy.	Do.
Rio Grande Junction Rwy. (act Oct. 1, 1890, 26 Stat. L., 664, through Grand Junction Indian School Reservation).	Do.
Rio Grande, Mexico and Pacific R. R. (act May 18, 1886, 24 Stat. L., 68, through Fort Selden Military Reservation; act Feb. 1, 1894, 28 Stat. L., 34, through Fort Cummings Military Reservation).	New Mexico.
Rio Grande Southern R. R. (act Sept. 28, 1890, 26 Stat. L., 489, through Fort Lewis Military Reservation, Colo.).	New Mexico and Colorado.
Rio Grande Western Rwy., successor to Denver and Rio Grande Western Rwy.	Utah and Colorado.
Road Canon R. R.	Colorado.
Rocky Fork and Cooke City Rwy. (act Mar. 3, 1887, 24 Stat. L., 645, through Crow Indian Reservation, Mont.).	Montana.
Rocky Mountain R. R.	Do.
St. Augustine and South Beach Rwy.	Florida.
St. Cloud and Lake Traverse Rwy.	Minnesota.
St. Louis, Wichita and Western Rwy.	Kansas.
St. Paul and Dakota R. R., now Worthington and Sioux Falls R. R.	Minnesota.
St. Paul and Northern Pacific Rwy.	Do.
St. Paul and Sioux City Rwy.	South Dakota.
St. Paul, Black Hills and Pacific Rwy.	North Dakota.
Saint Paul, Minneapolis and Manitoba Rwy. (act Feb. 15, 1887, 24 Stat. L., 402, through Fort Berthold Indian Reservation, N. Dak., Blackfeet Indian Reservation, Assiniboine Military Reservation, and Fort Peck Indian Agency, Mont., and Fort Buford Military Reservation, N. Dak. and Mont.; act Feb. 25, 1889, 25 Stat. L., 696; through White Earth Indian Reservation, Minn.; acts July 18, 1894, 28 Stat. L., 112, Feb. 23, 1897, 29 Stat., 592, through White Earth, Leech Lake, Chippewa, and Fond du Lac Indian reservations, Minn.; act March 2, 1897, 29 Stat. L., 600, through Fort Spokane Military Reservation, Wash.).	North Dakota, Montana, Washington, South Dakota, Minnesota, and Idaho.
St. Vrain R. R.	Colorado.
Salt Lake and Deep Creek Rwy.	Utah.
Salt Lake and Eastern R. R.	Do.
Salt Lake and Eastern Rwy.	Do.

Right-of-way railroad companies with references to various special acts passed for the benefit of said companies—Continued.

Name of company.	States and Territories.
Salt Lake and Mercur R. R.	Utah.
Salt Lake and Park City Rwy.	Do.
Salt Lake and Western Rwy., now Oregon Short Line and Utah Northern Rwy.	Do.
Salt Lake Valley and Eastern Rwy.	Do.
Sanborn, Cooperstown and Turtle Mountain R. R.	North Dakota.
San Francisco and Ocean Shore R. R.	California.
San Francisco and Ocean Shore R. R., second division	Do.
San Joaquin and Mount Diablo R. R. (act of Aug. 4, 1852, 10 Stat. L., 28).	Do.
San Joaquin Valley and Yosemite R. R.	Do.
San Pablo and Tulare Extension R. R.	Do.
San Pete Valley R. R.	Do.
Santa Fe, Prescott and Phoenix Rwy. (act Feb. 18, 1893, 27 Stat. L., 462, through Whipple Barracks Military Reservation, Ariz.).	Arizona.
Satsop R. R.	Washington.
Seattle and Montana Rwy.	Do.
Seattle and West Coast Rwy.	Do.
Seattle, Boise and Salt Lake Rwy.	Idaho.
Seattle, Lake Shore and Eastern Rwy.	Washington.
Sevier Rwy.	Utah.
Sevier Valley Rwy.	Do.
Shingle Springs and Placerville R. R.	California.
Sierra Valley and Mohawk R. R.	Do.
Silver City and Northern R. R.	New Mexico.
Silver City, Deming and Pacific R. R.	Do.
Silverton R. R.	Colorado.
Sioux City Northwestern Rwy.	Nebraska.
Snohomish, Skykomish and Spokane Rwy. and Transportation Co.	Washington.
South Dakota Western Rwy.	South Dakota.
Southern Kansas and Panhandle R. R.	Kansas.
Southern Kansas and Western R. R.	Do.
Southern Kansas Rwy., successor to Burlington, Kansas and Southwestern R. R. (act July 4, 1884, 23 Stat. L., 73, through Indian Territory).	Nebraska, Kansas, and Oklahoma.
Southern Pacific R. R. of Arizona.	Arizona.
Southern Pacific R. R. of California (act Mar. 3, 1871, sec. 23, 16 Stat. L., 573; act Aug. 15, 1894, 28 Stat. L., 335, sec. 17, through Yuma Indian Reservation, Cal.).	California.
Southern Pacific R. R. of New Mexico.	New Mexico.
South Pacific Coast R. R.	California.
Spanish Range Rwy.	Colorado.
Spokane and Palouse Rwy. (act May 8, 1890, 26 Stat. L., 104, through Nez Perce Indian Reservation, Idaho. See 22 L. D., 674).	Idaho and Washington.
Spokane Falls and Idaho R. R.	Washington and Idaho.
Spokane Falls and Northern Rwy. (act May 8, 1890, 26 Stat. L., 102, through Colville Indian Reservation, Wash.).	Washington.
Springfield and Memphis R. R.	Arkansas.
Springfield and Southern Rwy.	Missouri.
Springfield, Yellville and White River R. R.	Arkansas.
Sultan Valley Rwy.*	Washington.
Summit County R. R., now Echo and Park City Rwy.	Utah.
Summit County Rwy. and Transportation Co., now Wyoming, Salt Lake and California Rwy.	Do.
Sumpter Valley Rwy.	Oregon.
Tacoma, Ellensburg and Conconully Rwy.	Washington.
Tacoma, Orting and Southeastern R. R.	Do.
Texarkana and Fort Smith Rwy.	Arkansas.
"The" Utah and Wyoming R. R.	Wyoming.
Tintic Range Rwy.	Utah.
Trinidad and Denver R. R.	Colorado.
Trinidad, San Luis Valley and Pacific Rwy.	Do.
Tucson, Globe and Northern R. R., successor to Arizona Narrow Gauge R. R.	Arizona.
Uinta Coal R. R.	*Wyoming.
Union Pacific and Western Colorado Rwy.	Colorado.
Union Pacific and Western Colorado Rwy. of Wyoming.	Wyoming.
Union Pacific, Denver and Gulf Rwy., formerly Colorado Central R. R.	Wyoming and Colorado.
Union Pacific, Lincoln and Colorado Rwy.	Colorado and Kansas.
United Railroads of Washington	Washington.
United Verde and Pacific Rwy.	Arizona.
Upper Arkansas, San Juan and Pacific Rwy.	Colorado.
Utah and Northern Rwy., formerly R. R. (act of Mar. 3, 1873, 17 Stat. L., 612, and June 20, 1878, 20 Stat. L., 241), now Oregon Short Line and Utah Northern Rwy. (acts July 3, 1882, 22 Stat. L., 148, and Sept. 1, 1888, 25 Stat. L., 452, through Fort Hall Indian Reservation, Idaho).	Idaho, Montana, and Utah.
Utah and Wyoming Central Rwy.	Utah.
Utah and Wyoming R. R.	Do.
Utah and Wyoming R. R., "The"	Wyoming.
Utah and Wyoming Rwy.	Utah.
Utah Central Rwy., formerly R. R. (act of Dec. 15, 1870, 16 Stat. L., 395), now Oregon Short Line and Utah Northern Rwy.	Do.

Right-of-way railroad companies with references to various special acts passed for the benefit of said companies—Continued.

Name of company.	States and Territories.
Utah Southern R. R., now Oregon Short Line and Utah Northern Rwy.	Utah.
Utah Eastern R. R.	Do.
Utah Rwy.	Do.
Utah Southern Extension R. R., now Oregon Short Line and Utah Northern Rwy.	Do.
Utah Western Rwy., "The"	Do.
Utah Western Rwy.	Do.
Wadena and Park Rapids R. R.	Minnesota.
Wallace and Sunset R. R.	Idaho.
Wardner Mining R. R.	Do.
Wasatch Iron and Coal Co.	Wyoming.
Washington and Idaho R. R. (act May 30, 1888, 25 Stat. L., 160, through Cœur d'Alene Indian Reservation, Idaho).	Washington, Idaho, and Montana.
Washington Dalles R. R.	Washington.
Watertown and Lake Kampeška Rwy.	South Dakota.
Watertown, Sioux City and Duluth R. R.	Do.
Weiser and Idaho Northern Rwy.	Idaho.
Wet Mountain Valley R. R.	Colorado.
Wichita and Western R. R.	Kansas.
Willamette Valley and Coast R. R.	Oregon.
Wilmar and Sioux Falls Rwy.	Minnesota and South Dakota.
Winona, Alma and Northern Rwy.	Wisconsin.
Winters and Ukiah Rwy.	California.
Wisconsin and Michigan R. R.	Michigan and Wisconsin.
Wisconsin Central R. R.	Wisconsin.
Worthington and Sioux Falls R. R., successor to St. Paul and Dakota R. R.	Minnesota.
Wyoming and Eastern Rwy.	Wyoming.
Wyoming and Western Rwy.	Utah.
Wyoming Central Rwy. (right of way through Fort Fetterman Military Reservation. See Secretary's decision, Dec. 29, 1885).	Wyoming
Wyoming, Montana and Pacific R. R. (act May 17, 1880, 21 Stat. L., 141, through Fort Russell and Fort Laramie military reservations, Wyo.).	Do.
Wyoming, Salt Lake and California Rwy., successor to Summit County Rwy. and Transportation Co.	Utah.
Wyoming Southern R. R.	Wyoming.
Zuni Mountain Rwy.	New Mexico.

Total number of companies listed, 402; number of separate companies, 376.

RIGHT OF WAY FOR IRRIGATION PURPOSES.

Sections 18, 19, 20, and 21 of the act of Congress approved March 3, 1891 (26 Stat. L., 1095), grant right of way over the public lands and reservations of the United States, for the use of canals, ditches, and reservoirs for the purpose of irrigation which have heretofore been, or may hereafter be, constructed by corporations, individuals, or associations of individuals, upon compliance with certain requirements as to the filing of papers and maps.

The regulations require the application to show with certainty the location of the proposed canal or reservoir, so that the approved map will be an accurate record of the extent of the right of way, and thus define clearly the rights granted by the act, and the easement to which the land taken by future settlers along the ditch or reservoir may be subject.

Under the provisions of this act right of way has been approved to 173 companies, individuals, and associations of individuals, of which 24 such applications have been approved during the past year. One approved right of way has been relinquished by the party.

There have been received during the year 213 maps; 32 have been approved, 7 are pending before the Secretary, and 199 have been otherwise disposed of, a few of which were rejected, the rest being returned for correction.

The act of May 11, 1898 (30 Stat., 404) provides as follows:

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act entitled "An act to permit the use

of the right of way through the public lands for tramroads, canals, and reservoirs, and for other purposes," approved January twenty-first, eighteen hundred and ninety-five, be, and the same is hereby, amended by adding thereto the following:

"That the Secretary of the Interior be, and hereby is, authorized and empowered, under general regulations to be fixed by him, to permit the use of right of way upon the public lands of the United States, not within limits of any park, forest, military, or Indian reservations, for tramways, canals, or reservoirs, to the extent of the ground occupied by the water of the canals and reservoirs, and fifty feet on each side of the marginal limits thereof, or fifty feet on each side of the center line of the tramroad, by any citizen or association of citizens of the United States, for the purposes of furnishing water for domestic, public, and other beneficial uses.

"SEC. 2. That rights of way for ditches, canals, or reservoirs heretofore or hereafter approved under the provisions of sections eighteen, nineteen, twenty, and twenty-one of the act entitled 'An act to repeal timber-culture laws, and for other purposes,' approved March third, eighteen hundred and ninety-one, may be used for purposes of a public nature; and said rights of way may be used for purposes of water transportation, for domestic purposes, or for the development of power, as subsidiary to the main purpose of irrigation."

The second section of this act enlarges the scope of the act of 1891, inasmuch as the Department had held that rights of way could be approved under the act of 1891 only when intended to be used for the sole purpose of irrigation.

Instructions for preparing applications for right of way for irrigation purposes will be found in the circular of July 8, 1898.

A list of the applicants that have had maps approved is given in the following table with references to various special acts passed for the benefit of said applicants:

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891 (26 Stat. L., 1095), with references to various special acts passed for the benefit of the applicants.

[The * indicates that right of way was first approved during the past year.]

Name.	State or Territory.
Agua Fria Water and Land Co.*	Arizona.
Alfred Ditch.....	Colorado.
Algodones Irrigation Co. (act of Jan. 20, 1893, 27 Stat. L., 420, through Yuma Indian Reservation).	Arizona.
American Valley Water Storage and Irrigation Co.*	New Mexico.
Andrews (J. D.) Canal and Reservoir.....	Arizona.
Annabella Reservoir and Irrigation Association *	Utah.
Antelope Valley Water Co.....	California.
Arizona Canal Co.....	Arizona.
Barr Reservoir*	Wyoming.
Beatty (Theodore Bruce) Reservoir and Canal *	Utah.
Beaver River Irrigation Co.....	Do.
Blackstone (John D.) Reservoir *	Montana.
Blue Creek Canal and Reservoir Co.....	Utah.
Blue Water Land and Irrigation Co.....	New Mexico.
Boise City and Nampa Irrigation, Land, and Lumber Co.....	Idaho.
Boulder High Line Canal Co.....	Colorado.
Buckhorn Reservoir.....	California.
Cache Valley Canal Co.....	Idaho.
Canon Creek Reservoir Co.....	California.
Central Canal Co.....	Do.
Chaffee County Ditch and Canal Co.....	Colorado.
Claffin (William) Reservoirs and Canal.....	Arizona.
Claremont Land and Irrigation Co.....	Oklahoma.
Clark (J. M.) Reservoir.....	Idaho.
Clear Creek Reservoir.....	Montana.
Clear Lake Reservoir and Canal.....	Utah.
Colorado Consolidated Land and Water Co.....	Colorado.
Cook (William W. and John A.) Reservoir and Ditches.....	Montana.
Cowychee Reservoir and Canal Co.*	Washington.
Cox (L. S.) Reservoir (River Dale Reservoir).....	Colorado.
Coyote Reservoir and Canal *	Arizona.
Crafts (David) Reservoir and Canal.....	Utah.
Crigler (E. S.) Ditch.....	Nebraska.
Crittenden Canals.....	Arizona.
Cull (Seaton T.) Ditch.....	California.
C. W. (Charles Wolf) Ditch and Reservoir.....	Colorado.

Right of way granted for irrigation canals and reservoirs, etc.—Continued.

Name.	State or Territory.
Danhauser (John) Ditch and Reservoir	California.
Dannhauser (Joseph) Ditch and Reservoir	Do.
Darling (M. A.) Reservoir	Montana.
Davis and Weber Counties Canal Co.	Utah.
Davis (Edwin W.) Reservoir No. 4	Colorado.
Dawson (L. J.) Ditches and Reservoir	Do.
Desert Lake Reservoir and Irrigation Co.	Montana.
Eagar Irrigation Co.	Arizona.
Elk Creek Reservoir No. 1	Colorado.
Elk Creek Reservoir No. 2	Do.
Elmore County Irrigation Co.	Idaho.
Emerson (Thomas) Reservoir and Ditch	Colorado.
Entiat Improvement Co.	Washington.
Escondido Irrigation District	California.
Essex and Salisbury Reservoir and Ditch	Do.
Eureka Reservoir, Canal and Irrigation Co.	Montana.
Farmers' Canal Co.	Nebraska.
Ferguson (Robert) Ditches and Reservoir	Colorado.
First New Mexico Reservoir and Irrigation Co.	New Mexico.
Forder Ditch	Colorado.
Fort Laramie South Side Ditch	Wyoming.
Gardner (John) and Mecham (Alvarus) Reservoir*	Utah.
Geneva Falls Reservoir	Colorado.
Glover and Force Canal	Idaho.
Grape Creek Reservoir*	Colorado.
Grass Valley Land, Loan, and Irrigation Co.	Do.
Gross Canal and Reservoir (relinquished)	Do.
Haley (Ora) Ditches	Wyoming.
Hamilton Irrigation Co.	California.
Hecht (Charles) Ditches and Reservoirs	Wyoming.
High Line Reservoir Co.	Colorado.
Hoge (James M.) Storage Ditch and Reservoir	Wyoming.
Holmen-Houts Reservoir and Canals	California.
Howe (C. O.) Reservoir*	Arizona.
Hudson Reservoir and Canal Co. (act Feb. 15, 1897, 29 Stat. L., 527, through Gila River Indian Reservation, Ariz.).	Do.
Huning (Henry) Reservoir*	Do.
Inyo Canal Co.	California.
J. M. (John Myer) Ditch and Reservoir	Colorado.
J. M. (John Myer) Reservoir Outlet Ditch	Do.
Jones (Lyman) Reservoir	California.
Kern Valley Water Co.	Do.
La Joya Ditch and Reservoir	Colorado.
La Junta and Lamar Canal Co.	Do.
La Junta Canal Co.	Arizona.
Lake Canal	Colorado.
Lake Hemet Water Co.*	California.
Lamar Land and Canal Co.	Colorado.
Lauer (E.) Ditches and Reservoir	California.
Leamington Water and Land Co.	Utah.
Leone Reservoir	Colorado.
Long (Catherine T.) Reservoir	California.
Longs Peak Reservoir and Irrigation Co.*	Colorado.
Lucerne Canal and Power Co.	Wyoming.
Lucerne Land and Water Co.	Utah.
Luna Irrigation Co.	Arizona.
Luse (John W.) Ditch and Reservoir*	Montana.
Mammoth Reservoir	Utah.
Meadow Reservoir	Arizona.
Mecham (Alvarus) Reservoir	Utah.
Melville, Ray and Letcher Reservoir and Canal	Do.
Midland Canal, Reservoir and Land Co.	Colorado.
Miller (J. E.) Reservoir	Idaho.
Montgomery Reservoir and Ditch	Wyoming.
Mountain View Ditch and Reservoir	Colorado.
Mount Nebo Reservoir	Utah.
Mount Tecarte Land and Water Co.	California.
Neilson and Collar Reservoir	Utah.
Nelson (Edmund) Reservoir	Arizona.
Nippel (Edward) Reservoir and Irrigation Ditch	Colorado.
Northern Pacific, Yakima and Kittitas Irrigation Co.	Washington.
North Point Consolidated Irrigation Co.	Utah.
Norval Flat Reservoir	California.
Nystrom (August) et al. Reservoir*	Montana.
O'Hanlon (Henry J.) Reservoirs	Do.
Okie (J. B.) Reservoir and Ditch	Wyoming.
Otero Canal Co.	Colorado.
Palmdale Irrigation Co.	California.
Payne (H. G. and C.) Reservoir and Ditch	Do.
Pecos Irrigation and Improvement Co.	New Mexico.
Pima Land and Water Co. (act Feb. 25, 1889, 25 Stat. L., 693, through Fort Lowell Military Reservation).	Arizona.
Pine Valley Consolidated Water and Land Co.	California.

Right of way granted for irrigation canals and reservoirs, etc.—Continued.

Name.	State or Territory.
Pioneer Canal Co.....	Wyoming.
Piru Creek Reservoir.....	California.
Pleasant Valley Farmers' Mutual Canal and Land Co.....	Colorado.
Ponsford (William J.) Reservoir.....	Do.
Purser (E. T.) Reservoirs and Ditches.....	California.
Reed and Houle Reservoirs.....	Colorado.
Reynolds Reservoir and Ditches.....	Do.
Richville Ditch and Reservoir Co.....	Arizona.
Rillito Canal Co.....	Do.
Rio Grande Dam and Irrigation Co.....	New Mexico.
Roby (Amelia M.) Reservoir.....	Colorado.
Rock Creek and Piney Reservoir and Ditch Co.*.....	Wyoming.
Schwab (John L.) Reservoirs and Ditches.....	Colorado.
Settlers Milling Canal and Reservoir Co.*.....	Oklahoma.
Sevier-Tintic Reservoir*.....	Utah.
Shropshire (R. W.) Reservoir.....	Colorado.
Shumway (Mahala) Reservoir and Ditches.....	California.
Sierra Irrigating Ditch Co.....	New Mexico.
Silver Lake Reservoir.....	Colorado.
Silverman (Julius) Reservoir.....	Montana.
Skousen (James N.) Reservoir.....	Arizona.
Smith (Frank M.) Canal.....	California.
Snowflake and Taylor Irrigation Co.....	Arizona.
South Platte Canal and Reservoir Co.....	Colorado.
South Platte Land Reservoir and Irrigation Co.*.....	Do.
Southern California Improvement Co.....	California.
Surface Creek Ditch and Reservoir Co.....	Colorado.
Swan Lake Reservoir and Canal Co.....	Utah.
Swift Creek Reservoirs.....	Colorado.
Tarryall Reservoir and Ditch Co.....	Do.
Tenney (Samuel B.) Reservoir.....	Arizona.
Turner Canal.....	Montana.
Twin Lake Reservoir.....	Colorado.
Twin Lakes Reservoir Co.*.....	Arizona.
Umatilla Irrigation Co. (act Feb. 10, 1891, 26 Stat. L., 745, and act Feb. 9, 1894, 28 Stat. L., 37, through Umatilla Indian Reservation, Oreg.).....	Oregon.
Union Land and Stock Co.....	California.
University Canal Co.....	Arizona.
Ute Park Improvement Co.....	Colorado.
Victor Reservoir Co.....	California.
Vigil Reservoir*.....	Arizona.
Walter (Louis W.) Reservoir.....	Colorado.
Wasatch Water Co.....	Utah.
Water Supply and Storage Co.....	Colorado.
West Side Ditch and Reservoir Co.....	Arizona.
White Mountain Reservoir and Canal.....	Utah.
White Mountain Reservoir Co*.....	Do.
Williams (C. J.) Reservoir and Ditch.....	California.
Willow Reservoir.....	Wyoming.
Wood (Charles C.) Reservoir*.....	Colorado.
Wood (William F.) Reservoir.....	Montana.
Woolverton and Lee Reservoir and Canals.....	Do.
Wright (W. W.) Reservoir and Ditch.....	California.
Wyoming Development Co.....	Wyoming.
Yakima Irrigation and Improvement Co.....	Washington.
Yuma Pumping Irrigation Co. (act of Jan. 20, 1893, 27 Stat. L., 420, through Yuma Indian Reservation).....	Arizona.
Zwisler (C. E.) Reservoir and Ditch.....	California.

Total number, 173.

STATE DESERT-LAND SEGREGATIONS.

By section 4 of the act of August 18, 1894 (28 Stat. L., 372-422), provision is made for the donation to each of the States, in which there may be situated desert lands, of not more than 1,000,000 acres of such land as the State may cause to be irrigated, reclaimed, occupied, and cultivated by actual settlers. This act has been amended by a provision in the act of June 11, 1896 (29 Stat. L., 413-434), to the effect that a lien is authorized to be created by the State upon the lands segregated, and that when an ample supply of water is actually furnished to any tract or tracts thereof patent shall issue to the State for the same, without regard to settlement or cultivation.

During the year five lists have been filed by four States, viz, Idaho, Montana, Utah, and Wyoming, all of which have been acted upon.

Several lists previously received have been refiled during the year and have been duly acted upon. One list, filed by the State of Montana, was approved during the year, the land involved amounting to 10,632.88 acres.

Instructions for the preparation of lists, etc., under this act will be found in the circular approved September 20, 1898, which also contains instructions for the submission of proof of reclamation with a view to the issuance of patent for the lands.

PERMISSION TO USE RIGHT OF WAY FOR TRAMROADS, CANALS, AND RESERVOIRS.

By the act of January 21, 1895 (28 Stat. L., 635), the Secretary of the Interior was authorized to permit the use of right of way upon the public lands, not within the limits of any park, forest, military or Indian reservation, for tramroads, canals, or reservoirs, by any citizen or association of citizens engaged in the business of mining or quarrying or cutting timber and manufacturing lumber.

Under the provisions of this act right of way has been approved to one company, the Bodcaw Lumber Company of Arkansas.

There have been received during the year under this act three maps. None has been approved, two have been acted upon, and one is still awaiting action.

The act of May 11, 1898 (30 Stat., 404), printed on page 239, extended the scope of the act of 1895 so that it shall apply to tramroads, canals, or reservoirs "for the purposes of furnishing water for domestic, public, and other beneficial uses."

Instructions for the preparation of applications under this act will be found in the circular of September 17, 1898.

PERMISSION TO USE RIGHT OF WAY FOR ELECTRICAL PURPOSES.

By the act of May 14, 1896 (29 Stat. L., 120), the above act of 1895 was amended by the addition of a section authorizing the Secretary of the Interior to permit the use of right of way upon public lands and forest reservations, together with the use of necessary grounds not exceeding 40 acres, for electrical purposes.

Under the provisions of this act applications for permission to use right of way and necessary grounds has been approved to four companies, individuals, and associations of individuals, of which three have been approved during the past year.

There were received during the year 28 maps; 4 have been approved, 5 are pending before the Secretary, and 10 have been otherwise disposed of, most of them having been returned for correction.

Instructions for the preparation of applications under this act will be found in the circular of September 17, 1898.

RIGHT OF WAY FOR OIL-PIPE LINES.

By the act of May 21, 1896 (29 Stat. L., 127), right of way was granted for pipe lines for the transportation of oil in the States of Colorado and Wyoming. There have been no applications received under said act. The terms of this law being very similar to those of the irrigation right of way act of 1891, full information for the preparation of applications thereunder will be found in the circular of July 8, 1898.

RESERVOIRS FOR THE PURPOSES OF STOCK BREEDING AND TRANSPORTATION.

By the act of January 13, 1897 (29 Stat. L., 484), the construction of reservoirs upon unoccupied public lands not mineral or otherwise

reserved is permitted upon certain conditions. During the year 301 reservoir declaratory statements under this act have been received; but as the regulations to govern such applications had not been approved by the Secretary up to the end of the fiscal year, no decisive action has been taken in any of the cases.

Instructions for the preparation of papers and maps under said act will be found in the circular of July 8, 1898.

RIGHT OF WAY FOR RAILROADS, TRAMROADS, AND WAGON ROADS IN ALASKA.

By the act of May 14, 1898 (30 Stat., 409), provision was made for right of way for railroads, tramroads, and wagon roads in the District of Alaska.

Instructions for the preparation of applications under this act will be found in the circular of June 8, 1898. There have been received during the year 14 maps, but no action has been taken on them, as the circular was not printed by the end of the fiscal year.

Report of work on maps of right of way etc., during the year.

Maps pending July 1, 1897:		
Railroad	22	
Irrigation	41	
State segregation	1	
		64
Maps received during the year:		
Railroad	245	
Alaska railroads, tramroads, and wagon roads	14	
Irrigation	213	
State segregation	12	
Tramroads, etc.	3	
Electrical	28	
		515
Total		579
Maps approved during the year:		
Railroad	31	
Irrigation	32	
State segregation	1	
Electrical	4	
		68
Maps filed during the year:		
Railroad		9
Maps pending before Secretary:		
Railroad	6	
Irrigation	7	
Electrical	5	
		18
Maps otherwise disposed of, principally returned for correction:		
Railroad	193	
Irrigation	199	
State segregation	11	
Tramroad, etc.	2	
Electrical	10	
		415
Total maps acted on during the year		510
Maps awaiting action July 1, 1898:		
Railroad	28	
Alaska railroad, etc	14	
Irrigation	16	
State segregation	1	
Tramroads, etc	1	
Electrical	9	
		69

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes from the year 1850 to June 30, 1898.

States and corporations.	Date of law.	United States statutes.		Name of road, etc.	Mile limits.	Acres certified or patented for the year ended June 30, 1898.	Acres certified or patented to June 30, 1898.
		Vol.	Page.				
Illinois	Sept. 20, 1850	9	466	Illinois Central	6 and 15		2,595,053.00
Mississippi	do	9	466	Mobile and Ohio River	6 and 15		a 737,130.29
Do	Feb. 18, 1859	11	384	Act extending time for completion of road to Sept. 20, 1865.	6 and 15		198,028.41
Do	Aug. 11, 1856	11	30	Vicksburg and Meridian	6 and 15		138,678.80
Do	do	11	30	Gulf and Ship Island	6 and 15	200.60	
Do	Sept. 29, 1890	28	496	An act to forfeit certain lands heretofore granted, etc.			1,073,837.50
Alabama	Sept. 20, 1850	9	466	Mobile and Ohio River	6 and 15		b 419,528.44
Do	Feb. 18, 1859	11	384	Act extending time for completion of road to Sept. 20, 1865.	6 and 15		399,022.84
Do	May 17, 1856	11	15	Alabama and Florida	6 and 15		858,515.98
Do	June 3, 1856	11	17	Selma, Rome and Dalton	6 and 15		
Do	May 23, 1872	17	159	Act confirming lands heretofore certified to the State for the Alabama and Tennessee R. E.	6 and 15		b 67,784.96
Do	June 3, 1856	11	17	Coosa and Tennessee	6 and 15		c 504,145.86
Do	do	11	17	Mobile and Girard	6 and 15		653,127.10
Do	do	16	17	Alabama and Chattanooga	6 and 15	160.44	
Do	Apr. 10, 1869	16	45	Act to renew certain grants of lands to the State of Alabama.			445,158.78
Do	June 3, 1856	11	17	South and North Alabama	6 and 15		
Do	Mar. 3, 1857	16	200	Act amending the sixth section of the original act.			3,347,283.96
Do	Mar. 3, 1871	16	580	Act to renew certain grants to the State of Alabama.			
Florida	May 17, 1856	11	15	Florida Central and Peninsular	6 and 15	2,958.61	433,463.15
Do	do	11	15	Florida and Alabama	6 and 15		166,691.08
Do	do	11	15	Pensacola and Georgia	6 and 15		1,279,156.57
Do	do	11	15	Florida, Atlantic and Gulf Central	6 and 15		29,584.18
							1,908,694.98

a In the adjustment of this grant the road was treated as an entirety and without reference to the State line; hence Alabama has had approved to her more and Mississippi less than they would appear to be entitled to in proportion to the length of the road in the respective States.

b No evidence of the construction of this road, as required by the act, having been filed in the General Land Office, the grant is presumed to have lapsed, but the lands have not been restored to the public domain.

c This grant was adjusted April 24, 1893, and 302,181.16 acres were allotted to the company. The balance of the certified lands were ordered restored to entry under the forfeiture act of September 29, 1890.

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States Statutes.		Name of road, etc.	Mile limits.	Acres certified or patented for the year ended June 30, 1898.	Acres certified or patented to June 30, 1898.
		Vol.	Page.				
Louisiana	June 3, 1856	11	18	North Louisiana and Texas	6 and 15	462,645.82 a 719,189.79	
Do	do	11	18	New Orleans, Opelousas and Great Western	6 and 15		
Do	July 14, 1870	16	277	Act declaring forfeited to the United States all the lands not lawfully disposed of by the State.			
Arkansas	Feb. 9, 1853	10	155	St. Louis, Iron Mountain and Southern	6 and 15	1,181,835.61	
Do	July 28, 1866	14	338	do	Additional 5 .....			1,323,204.37
Do	May 6, 1870	16	376	Resolution extending the time for the completion of first 20 miles of road.			
Do	Feb. 9, 1853	10	155	Little Rock and Fort Smith	6 and 15	1,052,082.51	
Do	July 28, 1866	14	338	do	Additional 15		
Do	Apr. 10, 1869	16	46	Act extending the time for completion of first 20 miles of road.			
Do	Mar. 8, 1870	16	76	Act repealing provision in act of Apr. 10, 1869, as to mode of sale of lands.			
Do	Feb. 9, 1853	10	155	Little Rock and Memphis	6 and 15	184,657.83	
Do	July 28, 1866	14	338	do	Additional 5		
Do	July 4, 1866	14	83	St. Louis and Iron Mountain	10 and 20		
Do	June 28, 1884	23	61	Act declaring the grant forfeited to the United States.			2,559,944.26
Missouri	June 10, 1852	10	8	Southwest branch of the Pacific road	6 and 15	1,161,284.51	
Do	June 5, 1862	12	422	Act extending time for completion of road for 10 years.			
Do	June 10, 1852	10	8	Hannibal and St. Joseph	6 and 15	611,323.35	
Do	Feb. 9, 1853	10	155	St. Louis, Iron Mountain and Southern	6 and 15		
Do	July 28, 1866	14	338	do	Additional 5	65,040.31	
Do	July 4, 1866	14	83	St. Louis and Iron Mountain	10 and 20		
Do	July 28, 1884	23	61	Act declaring the grant forfeited to the United States.			1,837,648.17
Iowa	May 15, 1856	11	9	Burlington and Missouri River	6 and 15	389,989.71	
Do	June 2, 1864	13	95	do	20		
Do	July 1, 1864	13	335	An act authorizing the company to change or modify the location of the uncompleted portion of its line.			
Do	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.			
Do	Feb. 10, 1866	14	349	Resolution extending the time for completion of road.			
Do	May 15, 1856	11	9	Chicago, Rock Island and Pacific	6 and 15	b 483,094.36 161,412.81	
Do	June 2, 1864	13	95	do	20		40.00
Do	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.			

Do.....	Jan. 31, 1873	17	421	Act to quiet the title to certain lands in the State of Iowa.			
Do.....	June 15, 1878	20	133	Act to restore certain lands in Iowa to settlement under the homestead law, etc.			
Do.....	May 15, 1856	11	9	Cedar Rapids and Missouri River	6 and 15		b 921, 247. 67
Do.....	June 2, 1864	13	95	do.....	20.....		244, 022. 96
Do.....	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.			
Do.....	May 15, 1856	11	9	Dubuque and Sioux City	6 and 15		b 683, 023. 80
Do.....	June 2, 1864	13	95	Act authorizing said road to change its line.			
Do.....	Mar. 2, 1865	13	528	Act extending the time for completion of road 2 years.			
Do.....	Mar. 2, 1868	15	38	Act extending the time for completion of road to Jan. 1, 1872.			
Do.....	May 15, 1856	11	9	Iowa Falls and Sioux City	6 and 15		683, 023. 80
Do.....	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.			
Do.....	Aug. 8, 1846	9	77	Des Moines Valley.....	5.....		840, 011. 36
Do.....	July 12, 1862	12	543				
Do.....	May 12, 1864	13	72	Chicago, Milwaukee and St. Paul.....	10 and 20	} 120. 00	325, 126. 29
Do.....	do.....	13	72	McGregor and Missouri River.....	10 and 20		
Do.....	do.....	13	72	Sioux City and St. Paul.....	10 and 20 .....			407, 910. 21
							5, 138, 862. 97
Michigan.....	June 3, 1856	11	21	Port Huron and Lake Michigan	6 and 15		30, 998. 76
Do.....	Mar. 3, 1879	20	490	Joint resolution releasing reversionary claim and interest of the United States in and to certain lands in Michigan.			
Do.....	June 3, 1856	11	21	Jackson, Lansing and Saginaw	6 and 15		743, 787. 58
Do.....	July 3, 1856	14	78	Act extending the time for completion of road 7 years.			
Do.....	Mar. 2, 1867	14	425	Act extending the time for completion of first 20 miles of road.			
Do.....	Mar. 3, 1871	16	586	Act authorizing change of northern terminus from Traverse Bay to Straits of Mackinac, and for other purposes.			
Do.....	June 3, 1856	11	21	Grand Rapids and Indiana.....	6 and 15	} 852, 519. 44	
Do.....	June 7, 1864	13	119	Grand Rapids and Indiana, from Fort Wayne, Ind., to Grand Rapids, Mich.	6 and 20		
Do.....	Mar. 3, 1865	13	520	Act extending time for completion of road 8 years.			
Do.....	June 3, 1856	11	21	Flint and Pere Marquette.....	6 and 15		512, 877. 03
Do.....	Feb. 17, 1865	13	569	Resolution extending the time for completion of road.			
Do.....	July 3, 1866	14	78	Act authorizing the company to change the western terminus of its road.			
Do.....	Mar. 3, 1871	16	582	Act extending time for completion of road 5 years.			
Do.....	June 3, 1856	11	21	Marquette, Houghton and Ontonagon.....	6 and 15	} 437, 411. 30	
Do.....	Mar. 3, 1865	13	520	do.....	20.....		
Do.....	May 20, 1868	15	252	Resolution extending the time for completion of road, etc.			
Do.....	Apr. 20, 1871	17	643	Act authorizing the Houghton and Ontonagon to resurvey and locate anew a part of its road.			

^a Certified lands, footing 719,189.79 acres, were reconveyed to the United States by the governor of Louisiana February 24, 1888.

^b Includes 35,685.49 acres of the Chicago, Rock Island and Pacific Railroad, 109,756.85 acres of the Cedar Rapids and Missouri River Railroad, and 77,535.22 acres of the Dubuque and Sioux City Railroad, situated in the Old Des Moines River grant of August 8, 1846, which should be deducted from the foregoing amount. (Wolcott v. Des Moines, 5 Wall., 631.)

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States statutes.		Name of road, etc.	Mile limits.	Acres certified or patented for the year ended June 30, 1898.	Acres certified or patented to June 30, 1898.
		Vol.	Page.				
Michigan	Mar. 2, 1889	25	1008	Act forfeiting grant opposite to unconstructed road.	6 and 15		30,697.69
Do.....	June 3, 1856	11	21	Ontonagon and Brule River			
Do.....	Mar. 2, 1889	25	1008	An act to forfeit lands granted to the State of Michigan to aid in construction of railroad from Marquette to Ontonagon, in said State			
Do.....	Mar. 3, 1865	13	520	Bay de Noquet and Marquette	200 sections	}	128,301.05
Do.....	July 5, 1862	12	620	Chicago and Northwestern	6 and 15		
Do.....	Mar. 3, 1865	13	520	do	20		
Wisconsin	June 3, 1856	11	20	Chicago, St. Paul, Minneapolis and Omaha (formerly West Wisconsin).	6 and 15	}	3,254,547.00
Do.....	May 5, 1864	13	66	do	10 and 20		
Do.....	Mar. 3, 1873	17	634	Act to quiet title of the settlers on lands claimed by the West Wisconsin Rwy. Co.			
Do.....	June 3, 1856	11	20	Wisconsin Railroad Farm Mortgage Land Co	}	163,159.65	
Do.....	July 27, 1868	15	233	Act amendatory of the original act.			
Do.....	June 3, 1856	11	20	Chicago, St. Paul, Minneapolis and Omaha (formerly St. Croix and Lake Superior).			
Do.....	May 5, 1864	13	66	do	10 and 20	}	854,221.40
Do.....	June 3, 1856	11	20	Branch to Bayfield	6 and 15		
Do.....	May 5, 1864	13	66	do	10 and 20		
Do.....	June 3, 1856	11	20	Chicago and Northwestern	6 and 15	}	503,018.84
Do.....	Apr. 25, 1862	12	648	Resolution authorizing change of route in Wisconsin, etc.			
Do.....	Mar. 3, 1865	13	520	Act extending the time for completion of road 5 years.			
Do.....	Mar. 3, 1869	15	337	Act authorizing selection of lands along the full extent of original route of road.	}	120.80	835,120.10
Do.....	May 5, 1864	13	66	Wisconsin Central			
Do.....	June 21, 1866	14	360	Resolution explanatory of the act of May 5, 1864, and authorizing certain changes of route in accordance with the act of the State legislature.			
Do.....	Apr. 9, 1874	18	28	Act to extend the time for completion of road to Dec. 31, 1876.	}		8,715,672.90
Do.....	Mar. 3, 1875	18	511	Act authorizing the Wisconsin Central R. R. Co. to straighten the line of its road.			
Minnesota	Mar. 3, 1857	11	195	St. Paul, Minneapolis and Manitoba (formerly first division St. Paul and Pacific).			
Do.....	Mar. 3, 1865	13	526	do	10 and 20	}	1,253,468.88

Do.....	Mar. 3, 1873,	17	631	Act extending the time for completion of the road 9 months.			
Do.....	Mar. 3, 1857	11	195	Western Railroad, succeeded by St. Paul and Northern Pacific R. R. Co.	6 and 15	} 8,902.20	675,768.15
Do.....	Mar. 3, 1865	13	526	do.	10 and 20		
Do.....	July 12, 1862	12	624	Resolution authorizing the State to change the branch line under certain conditions.			
Do.....	Mar. 3, 1871	16	588	Act authorizing construction of road from Crow Wing to Brainerd.			
Do.....	do.....	16	588	St. Paul, Minneapolis and Manitoba (formerly St. Vincent extension of St. Paul and Pacific).	10 and 20		1,752,172.18
Do.....	Aug. 5, 1892	27	390	Act providing for indemnity for above grants for lands relinquished in North and South Dakota, for which see below.			
Do.....	Mar. 3, 1873	17	631	Act extending the time for completion of the road 9 months.			
Do.....	June 22, 1874	18	203	Act extending the time for completion of the road to Mar. 3, 1876, etc.			
Do.....	Mar. 3, 1857	11	195	Minnesota Central	6 and 15, 10 and 20		179,734.29
Do.....	Mar. 3, 1865	13	526	Do.			
Do.....	Mar. 3, 1857	11	195	Winona and St. Peter	6 and 15	} 1,678,618.06	
Do.....	Mar. 3, 1865	13	526	do.	10 and 20		
Do.....	July 13, 1866	14	97	Act allowing selection within 20 miles of road in lieu of lands sold after definite location, but prior to withdrawal, etc.			
Do.....	Jan. 13, 1873	17	409	Act extending the time for the completion of the road.			
Do.....	Mar. 3, 1857	11	195	St. Paul and Sioux City	6 and 15	} 1,123,578.55	
Do.....	May 12, 1864	13	74	do.	10 and 20		
Do.....	July 13, 1866	14	97	Act extending the time for the completion of the road 7 years.			
Do.....	May 5, 1864	13	64	St. Paul and Duluth	10 and 20		860,855.09
Do.....	July 13, 1866	14	93	Act authorizing the railroad company to make up deficiency out of land within 30 miles west of the line of the road.			
Do.....	Mar. 3, 1857	11	195	Southern Minnesota, from a point on the Mississippi River to Houston.	6 and 15	} 546,284.69	
Do.....	Mar. 3, 1865	13	526	do.	10 and 20		
Do.....	July 4, 1866	14	87	Southern Minnesota extension	10 and 20		
Do.....	July 13, 1866	14	97	Amendatory act.			
Do.....	July 4, 1866	14	87	Hastings and Dakota	10 and 20		364,628.01
Do.....	July 13, 1866	14	97	Amendatory act.			
North Dakota } South Dakota }	a Aug. 5, 1892	27	390	{St. Paul, Minneapolis and Manitoba (main and branch), a special act to provide for indemnity for lands relinquished by the company.	{Minnesota	} 261.58	8,435,107.90
					{Montana		507.08
Kansas.....	Mar. 3, 1863	12	772	Leavenworth, Lawrence and Galveston	10		b 249,446.13
Do.....	July 1, 1864	13	339	Act authorizing change of route of branch line.			

a See Minnesota for original grants.

b Includes 186,936.72 acres of the "Osage ceded reservation," which are to be deducted from the above amount under the decision of the Supreme Court in the case of the Leavenworth, Lawrence and Galveston Railroad v. The United States (92 U. S., 733).

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States statutes.		Name of road, etc.	Mile limits.	Acres certified or patented for the year ended June 30, 1898.	Acres certified or patented to June 30, 1898.
		Vol.	Page.				
Kansas	Apr. 19, 1871	17	5	Act authorizing company to relocate a portion of its road.			
Do.....	July 24, 1876	19	101	Act declaring a portion of the grant forfeited.			
Do.....	Mar. 3, 1863	12	772	Missouri, Kansas and Texas.....	10 and 20	1,679.17	a 975,696.70
Do.....	July 1, 1864	13	339	Act extending the grant from Emporia to a point near Fort Riley.			
Do.....	July 26, 1866	14	289	Act making a grant from Fort Riley to the southern boundary of the State.			
Do.....	Mar. 3, 1863	12	772	Atchison, Topeka and Santa Fe.....	10 and 20		2,944,788.14
Do.....	July 23, 1866	14	210	St. Joseph and Denver City.....	10 and 20		462,733.24
Do.....	July 25, 1866	14	236	Missouri River, Fort Scott and Gulf.....	10 and 20		22,887.80
Do.....	Mar. 3, 1877	19	404	An act to secure the right of settlers upon certain railroad lands, and to repeal the first 5 sections of an act granting lands to the State of Kansas and Neosho Valley R. R.			
				Grand total of State grants.....			4,655,552.01
							39,704,547.34
Corporations	July 1, 1862	12	489	Union Pacific, from a point near Omaha, Nebr., to a point near Ogden, in Utah Territory.	10.....	185,316.47	6,991,814.29
Do.....	July 2, 1864	13	356	Union Pacific.....	20.....		
Do.....	July 3, 1866	14	79	Act authorizing the location of the Union Pacific R. R. from Omaha westward.			
Do.....	July 26, 1866	14	367	Resolution granting the right of way through military reserves, etc.			
Do.....	Apr. 10, 1869	16	56	Resolution for the protection of the interests of the United States in the Union Pacific and Central Pacific railroads and providing that the common terminus of roads shall be at or near Ogden, Utah, etc.			
Do.....	May 6, 1870	16	121	Act fixing the point of junction of the Union Pacific and Central Pacific railroads, etc.			
Do.....	May 7, 1878	20	56	Act amendatory of the acts of July 1, 1862, and July 2, 1864.			
Do.....	July 1, 1862	12	489	Central Pacific.....	10.....	11,835.51	2,660,269.36
Do.....	July 2, 1864	13	356	do.....	20.....		
Do.....	July 3, 1866	14	79	Act authorizing the location of the Central Pacific R. R. eastward.			
Do.....	Apr. 10, 1869	16	56	Resolution for the protection of the interests of the United States in the Central Pacific and Union Pacific railroads and providing that the common terminus of the roads shall be at or near Ogden, Utah, etc.			
Do.....	May 6, 1870	16	121	Act fixing the point of junction of the Central Pacific and Union Pacific railroads, etc.			

Do.....	May 7, 1878	20	56	Act amendatory of the acts of July 1, 1862, and July 2, 1864.			
Do.....	July 1, 1862	12	489	Central Pacific, successor by consolidation with Western Pacific.	10		451,770.64
Do.....	July 2, 1864	13	356	do	20		
Do.....	Mar. 3, 1865	13	504	Act ratifying the assignment made by the Central Pacific R. R. Co. to the Western Pacific R. R. Co. of that portion from San Jose to the city of Sacramento.			
Do.....	Mar. 21, 1866	14	356	Resolution extending the time for completion of the first 20 miles of the Western Pacific R. R. upon certain conditions.			
Do.....	July 1, 1862	12	489	Central Branch Union Pacific.	10		222,355.63
Do.....	July 2, 1864	13	356	do	20	2,824.40	
Do.....	July 1, 1862	12	489	Union Pacific (Kansas Division)	10		3,132,076.79
Do.....	July 2, 1864	13	356	do	10	56,803.98	
Do.....	July 3, 1866	14	79	Act requiring company to designate route before Dec. 1, 1866.	20		
Do.....	May 7, 1866	14	355	Resolution extending the time for completion of road.			
Do.....	Mar. 6, 1868	15	39	Act restoring the even-numbered sections on line of Pacific railroads and branches at \$2.50 per acre.			
Do.....	Mar. 3, 1869	15	324	Act extending the Union Pacific Rwy., Eastern Division, line of road to Denver City, and authorizing transfer of lands by said company to the Denver Pacific R. R. Co. between Denver and Cheyenne.			
Do.....	do	15	348	Resolution authorizing the Union Pacific R. R. Co., Eastern Division, to change its name to Kansas Pacific.			
Do.....	do	15	324	Union Pacific, successor to the Denver Pacific Rwy. Co.	20	49,171.74	453,288.06
Do.....	June 20, 1874	18	111	Act amendatory of the act of Mar. 3, 1869.			
Do.....	Aug. 13, 1888	25	439	Act to protect settlers in vicinity of Denver.			
Do.....	July 2, 1864	13	356	Burlington and Missouri River in Nebraska.	20		2,374,080.77
Do.....	Apr. 10, 1869	16	54	Resolution in relation to the Burlington and Missouri River R. R., branch of the Union Pacific R. R., in Nebraska.	20 sections per mile		
Do.....	May 6, 1870	16	118	Act authorizing a change of route and connection with the Union Pacific R. R. at or near Fort Kearney.			
Do.....	July 2, 1864	13	363	Sioux City and Pacific	10	80.00	41,925.46
Do.....	do	13	365	Northern Pacific	20, 30, and 40 in States; 40, 50, and 60 in Territories.	610,472.32	22,038,742.66
Do.....	May 7, 1866	14	355	Resolution extending the time for completing road.			
Do.....	July 1, 1868	15	255	Do.			
Do.....	May 1, 1869	15	346	Resolution authorizing issue of bonds, etc.			
Do.....	Apr. 10, 1869	16	57	Resolution authorizing the company to extend its branch line from Portland to Puget Sound, etc.			
Do.....	May 31, 1870	16	378	Resolution authorizing the issue of bonds and reversing location of main and branch lines in Washington Territory.			
Do.....	July 15, 1870	16	305	Act requiring the Northern Pacific R. R. Co. to pay the costs of surveying, selecting, and conveying lands.			
Do.....	July 13, 1866	14	94	Placerville and Sacramento Valley	10 and 20		
Do.....	Apr. 15, 1874	18	29	Act declaring the grant forfeited to the United States.			
Do.....	July 25, 1866	14	239	Oregon branch of the Central Pacific	20 and 30	15,040.45	2,983,739.41

a Includes 270,970.78 acres in the "Osage ceded reservation," which are to be deducted under the decision cited on p. 249 (note b).

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States Statutes.		Name of road, etc.	Mile limits.	Acres certified or patented for the year ended June 30, 1898.	Acres certified or patented to June 30, 1898.
		Vol.	Page.				
Corporations	June 25, 1868	15	80	Act extending the time for completion of road			
Do.....	Apr. 10, 1869	18	47	Act amendatory of the original act and providing for the sale of lands to actual settlers at a fixed price and in limited quantity.			
Do.....	July 25, 1866	14	239	Oregon and California.....	20 and 30	57,815.84	2,344,947.50
Do.....	June 25, 1868	15	80	Act extending the time for completion of road.			
Do.....	July 27, 1866	14	292	Atlantic and Pacific	20 and 30 in States; 40 and 50 in Territories.		1,222,012.53
Do.....	Apr. 20, 1871	17	19	Act authorizing the company to mortgage its roads, lands, etc.			
Do.....	July 6, 1866	24	123	Act declaring forfeited to the United States the grant of such lands as are adjacent to the uncompleted portion of road.			
Do.....	July 27, 1866	14	292	Southern Pacific.....	20 and 30	9,788.85	2,682,542.16
Do.....	July 25, 1868	15	187	Act to extend the time for the construction of the road, etc.			
Do.....	June 28, 1870	16	385	Joint resolution concerning the Southern Pacific R. R. in California.			
Do.....	Mar. 3, 1871	16	573	Branch line of the Southern Pacific	20 and 30	11,082.48	527,556.96
Do.....	Mar. 2, 1867	14	548	Stockton Copperopolis.....	10 and 20		
Do.....	June 15, 1874	18	72	Act declaring the grant forfeited to the United States.			
Do.....	do.....	18	72	Do.....			
Do.....	May 4, 1870	16	94	Oregon Central.....	20 and 25	72.75	127,827.99
Do.....	Jan. 31, 1885	23	296	Act declaring the forfeiture to the United States of such lands as are adjacent to and coterminous with uncompleted portions of road.			
Do.....	Mar. 3, 1871	16	573	Texas Pacific.....	20 and 30, California; 40 and 50 in Territories.		
Do.....	May 2, 1872	17	59	Act changing name to Texas and Pacific Rwy. Co.			
Do.....	June 22, 1874	18	197	An act supplementary to the act of Mar. 3, 1871.			
Do.....	Feb. 28, 1885	23	337	An act to declare a forfeiture of lands granted to the Texas Pacific Rwy. Co., and for other purposes.			
Do.....	Mar. 3, 1871	16	573	New Orleans Pacific, formerly New Orleans, Baton Rouge and Vicksburg.....	20 and 30	7,786.65	988,374.08
Do.....	Feb. 8, 1887	24	391	An act to declare a forfeiture of lands granted to the New Orleans, Baton Rouge and Vicksburg R. R. Co., to confirm title to certain lands, and for other purposes.			
Grand total to corporations.....							49,243,314.29

WAGON ROADS.									
Wisconsin	Mar. 3, 1863	12	797	From Fort Wilkins, Copper Harbor, Mich., to Green-bay, Wis.	3 and 15				302,990.96
Do	June 8, 1868	15	67	Act extending the time for the completion of road to Mar. 1, 1870.					
Do	May 6, 1870	16	121	Act extending the time for the completion of road to Jan. 1, 1872.					
Do	June 25, 1864	13	183	Act granting lands to the State to build a military road to Lake Superior.	3 and 6				
Michigan	Mar. 3, 1863	12	797	From Fort Wilkins, Copper Harbor, to Wisconsin State line.	3 and 15				221,013.35
Do	June 8, 1868	15	67	Act extending the time for completion of road to Mar. 1, 1870.					
Do	May 6, 1870	16	121	Act extending the time for completion of road to Jan. 1, 1872.					
Do	Apr. 24, 1872	17	56	Act extending the time for completion of road to Jan. 1, 1874.					
Do	June 20, 1864	13	140	Act granting lands to the State of Michigan for the construction of certain wagon roads for military and postal purposes.	3 sections per mile				
Oregon	July 2, 1864	13	355	Oregon Central Military Co.	3				408,525.24
Do	Dec. 26, 1866	14	374	Act making provisions for indemnity limits	6				
Do	Mar. 3, 1869	15	338	Act extending the time for completion of road to July 2, 1872.					
Do	July 4, 1866	14	86	Corvallis and Aquina Bay	3				76,992.03
Do	July 5, 1863	14	89	Willamette Valley and Cascade Mountains	3 alternate sections within limits 6 miles.		35,342.44		745,415.66
Do	July 15, 1870	16	363	Amendatory.					
Do	Feb. 27, 1867	14	409	Dalles military road	3 and 10				126,910.23
Do	Mar. 3, 1869	15	349	Coos Bay military road	3 and 6				105,240.11
Grand total									1,987,027.58

Certified or patented to States up to June 30, 1898:

RECAPITULATION.

	Acres.
Illinois	2,595,053.00
Mississippi	1,073,837.50
Alabama	3,347,283.96
Florida	1,908,694.98
Louisiana	1,181,835.61
Arkansas	2,559,944.26
Missouri	1,837,648.17
Iowa	5,138,862.97
Michigan	3,254,547.00
Wisconsin	3,715,672.90
Minnesota	8,435,107.90
Kansas	4,655,552.01
North Dakota	507.08
Total to States	39,704,547.34

254 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Patented to corporations, by States and Territories, up to June 30, 1898.

State or Territory.	Name.	Acres.
Arizona	Atlantic and Pacific	373, 099. 38
Arkansas	Atlantic and Pacific, successor to St. Louis and San Francisco.	23, 249. 94
California	Central Pacific	641, 963. 88
Do	Central Pacific, successor to Western Pacific	451, 770. 64
Do	Central Pacific, successor to California and Oregon	2, 983, 739. 41
Do	Southern Pacific (main line)	2, 682, 542. 16
Do	Southern Pacific (branch line)	527, 556. 96
Colorado	Union Pacific	507, 072. 63
Do	Union Pacific, successor to Denver Pacific	453, 268. 06
Do	Union Pacific, successor to Kansas Pacific	192, 018. 38
Kansas	do	2, 940, 058. 41
Do	Central Branch Union Pacific	219, 795. 60
Iowa	Sioux City and Pacific	4, 943. 11
Idaho	Northern Pacific	248, 091. 84
Do	Central Pacific	8, 094. 24
Louisiana	New Orleans Pacific	988, 374. 08
Minnesota	Northern Pacific	1, 749, 673. 91
Missouri	Atlantic and Pacific, successor to St. Louis and San Francisco.	490, 039. 12
Montana	Northern Pacific	4, 753, 462. 37
Nevada	Central Pacific	866, 418. 75
New Mexico	Atlantic and Pacific	335, 624. 09
North Dakota	Northern Pacific	8, 258, 014. 70
Nebraska	Sioux City and Pacific	37, 582. 35
Do	Burlington and Missouri River	2, 374, 090. 77
Do	Union Pacific	4, 782, 753. 51
Do	Central Branch Union Pacific	2, 560. 03
Oregon	Northern Pacific	153, 322. 25
Do	Oregon and California	2, 344, 947. 50
Do	Oregon Central	126, 117. 88
Utah	Union Pacific	341, 520. 29
Do	Central Pacific	1, 143, 792. 49
Washington	Northern Pacific	6, 866, 177. 59
Do	Oregon Central	1, 710. 11
Wyoming	Union Pacific	1, 360, 467. 86
Total to corporations.	.....	49, 243, 314. 29

	Acres.
Total to corporations	49, 243, 314. 29
Total to States	39, 704, 547. 34
Total railroad grants	88, 947, 861. 63
Total wagon-road grants	1, 987, 027. 58
Total wagon-road and railroad grants patented up to June 30, 1898	90, 934, 889. 21

Land concessions, by acts of Congress, to States for canal purposes from 1824 to June 30, 1898.

State.	Date of law.	United States Statutes.		Name of canal.	Total number of acres granted and certified.
		Vol.	Page.		
Indiana	May 26, 1824	4	47	} Wabash and Erie	{ 243, 246. 73
Do	Mar. 2, 1827	4	236		
Do	May 29, 1830	4	416		
Do	Feb. 27, 1841	5	414		
Do	Aug. 29, 1842	5	542		
Do	Mar. 3, 1845	5	751		
Do	May 9, 1848	9	219		
					1, 466, 366. 06
Ohio	Mar. 2, 1827	4	236	} Wabash and Erie (act confirming canal selections under acts of 1827 and 1828, in the State of Ohio).	{ 266, 535. 00
Do	June 30, 1834	4	716		
Do. (sec. 3)	Aug. 31, 1852	10	143	} Miami and Dayton	{ 333, 826. 00
Do	May 24, 1828	4	305		
Do	Apr. 2, 1830	4	393		
Do. (sec. 5)	May 24, 1828	4	306	} General canal purposes.	{ 500, 000. 00
Do. (sec. 3)	Aug. 31, 1852	10	143		
					1, 100, 361. 00

Land concessions, by acts of Congress, to States for canal purposes, etc.—Cont'd.

State.	Date of law.	United States Statutes.		Name of canai.	Total number of acres granted and certified.
		Vol.	Page.		
Illinois	Mar. 2, 1827	4	234	} Canal to connect the waters of the Illinois River with those of Lake Michigan. }	290,915.00
Do	Aug. 3, 1854	10	344		
Wisconsin	June 18, 1838	5	245	Milwaukee and Rock River	125,431.00
Do	Apr. 10, 1866	14	30	Breakwater and Harbor Ship Canal	200,000.00
Do	Mar. 1, 1872	17	32	Act extending the time for completion of canal to Apr. 10, 1874. ....	.....
Do	Mar. 7, 1874	18	20	Act extending the time for completion of canal to Apr. 10, 1876. ....	.....
					325,431.00
Michigan	Aug. 26, 1852	10	35	St. Marys Ship Canal	750,000.00
Do	Mar. 3, 1865	13	519	Portage Lake and Lake Superior Ship Canal	200,000.00
Do	July 3, 1866	14	81	do	200,000.00
Do	Apr. 10, 1869	16	55	Resolution extending the time for completion of canal to Mar. 3, 1871. ....	.....
Do	Mar. 2, 1871	16	599	Resolution extending the time for completion of canal to Mar. 3, 1872. ....	.....
Do	Mar. 27, 1872	17	44	Act extending the time for completion of canal to Mar. 3, 1873. ....	.....
Do	Mar. 3, 1873	17	627	Act extending the time for completion of canal to Dec. 1, 1873. ....	.....
Do	July 3, 1866	14	80	Lac La Belle Ship Canal	100,000.00
					1,250,000.00

RECAPITULATION.

	Acres.
Indiana	1,466,366.06
Ohio	1,100,361.00
Wisconsin	325,431.00
Illinois	290,915.00
Michigan	1,250,000.00
Total quantity granted and certified	4,433,073.06

Acres certified under river-improvement grants.

State.	Date of law.	United States Statutes.		Name of river.	Total number of acres granted and certified.
		Vol.	Page.		
Alabama	May 23, 1828	4	290	Tennessee, Coosa, Cahawba, and Black Warrior.	400,016.19
Wisconsin	Aug. 8, 1846	9	83	} Fox and Wisconsin	683,802.43
	Mar. 2, 1849	9	352		
	Aug. 3, 1854	10	345		
	Mar. 3, 1855	10	724		
	June 9, 1858	11	313		
Iowa	Mar. 12, 1867	15	20	Des Moines, below the Raccoon Fork	a 322,392.18
	Aug. 8, 1846	9	77		
					1,406,210.80

a For lands above Raccoon Fork see railroad table, "Des Moines Valley."

G.—DIVISION OF PREEMPTION, DESERT-LAND, TIMBER-CULTURE, TOWN-SITE, AND PRIVATE LAND CLAIMS, OF SCHOOL LANDS AND INDIAN ALLOTMENTS.

Division G has charge of the examination of and action upon all claims to lands arising under the preemption, timber-culture, desert-land, and town-site laws, under grants to the several States for educational, charitable, and other purposes and under the donation laws. The division also has charge of all claims to land which had their origin in some form of concession from a foreign government before the acquisition by the United States of the territory in which such claims are located. After the confirmation of this class of claims under the various laws passed by Congress, the location and patenting thereof are among the matters assigned to this division.

It also has charge of Indian lands, both reservations for individual Indians and allotments, and of the examination and patenting of such lands in severalty under the various treaties and acts of Congress in reference thereto.

It also has charge of the adjudication of all contests coming before the office in which preemption rights, desert-land claims, timber-culture claims, private land claims, town-site questions, or Indian claims are involved.

The proofs in entries in Alaska, under sections 11 to 14 of the act of March 3, 1891 (26 Stat., 1095), as modified by the tenth section of the act of May 14, 1898 (30 Stat., 409), are also examined in this division, and the questions arising under said laws, except as to surveys, are here adjudicated.

The following is a summary of the work performed in this division during the fiscal year ending June 30, 1898:

Letters on hand at beginning of fiscal year.....	1,031
Letters received during the fiscal year.....	15,280
Total on hand and received.....	16,311
Letters answered.....	5,830
Letters referred to other divisions.....	831
Letters otherwise disposed of.....	8,834
Total number disposed of.....	15,495
Letters pending July 1, 1898.....	816
Number of letters and decisions written.....	12,157
Patents written.....	1,154
Pages of typewriting.....	15,886
Pages of copying.....	4,448
Pages press copied.....	18,886
Caveats and cancellation cards prepared.....	8,672
Certified copies made.....	107
Fees for certified copies.....	\$249.48
Original desert-land entries examined.....	2,763
Yearly proofs examined.....	2,773
Assignments of desert-land entries examined.....	134
Applications for amendments of entries, filings, and patents acted upon.....	124
Appeals from registers and receivers decided.....	289
Appeals transmitted to Secretary.....	126
Appeals to Secretary disallowed.....	11
Motions for review forwarded to Secretary.....	15
Applications for certiorari transmitted to Secretary.....	5

Entries approved for patenting:

Preemption	374
Desert land	480
Timber culture	4,387
Commuted timber culture	69
Town site	11
Town lot	69
Total	5,390
Contests decided during the fiscal year:	
Involving preemption, desert land, timber culture, and Indian claims	536
Town-site contests	6
State-selection contests	45
Claims patented:	
Indian claims	2,434
Private-land claims	70
Claims satisfied with scrip (act June 2, 1858)	52
Area involved in said scrip, 26,325.88 acres.	

GRANTS IN AID OF EDUCATION AND FOR OTHER PURPOSES.

The pending selections at the close of the fiscal year ending June 30, 1897, aggregated 180,949.12 acres, and new selections were received during the year amounting to 674,403.04 acres; total, 855,352.16 acres. There was finally adjusted during the year, by approval and certification, 459,122.66 acres, and by cancellation, 11,848.15 acres (total, 470,970.81 acres), leaving a balance remaining unadjusted June 30, 1898, of 384,381.35 acres.

The following table will show the approvals and certifications to the States, under section 2449, Revised Statutes, of selections under various grants during the year:

States.	Penal and reformatory institutions.	Poor farm.	Fish hatchery.	Hospital for miners.	Reservoir sites.	Asylums for the blind.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Utah	4,048.01	80.00	1,558.41	2,119.96	3,562.16	1,240.74
Wyoming	4,048.01	80.00	1,558.41	2,119.96	3,562.16	1,240.74
Total	4,048.01	80.00	1,558.41	2,119.96	3,562.16	1,240.74

States.	State charitable, educational, penal, and reformatory institutions.	Deaf and dumb asylums.	Scientific schools.	School of mines.	Support of common schools.	Universities.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Idaho	2,080.00	3,535.19	6,213.42	3,160.00	41,285.12	7,509.92
Montana						
Novada						
Utah				3,471.07		
Washington			1,585.96			
Wyoming	84,627.03	9,002.55				
Total	86,707.03	12,537.74	7,799.38	6,631.07	41,285.12	7,509.92

Grants in aid of education and for other purposes—Continued.

States.	School land indemnity.	Agricultural colleges.	Public buildings.	Normal schools.	Insane asylums.	Total.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
California	110,901.54					110,901.54
Florida	199.97					199.97
Idaho			3,047.00	4,280.23	2,961.68	18,582.33
Louisiana	201.17					201.17
Minnesota	178.60					178.60
Mississippi		22,809.80				22,809.80
Montana			21,672.20			28,867.39
Nevada						41,285.12
Oregon	73,695.15					73,695.15
Utah		2,960.26		1,560.00	2,243.92	24,668.03
Washington		4,212.22	6,566.44	3,639.31		16,003.93
Wyoming		14,090.92	8,222.71		600.00	122,229.63
Total	185,176.43	44,073.20	39,508.35	9,479.54	5,805.60	459,122.66

Three claims confirmed by the Court of Private Land Claims have been patented during the fiscal year, viz: Los Cerrillos grant, Sitio de Juana Lopez grant, and the Sitio de los Cerrillos grant. A number of other claims of this character have been confirmed and surveys thereof approved by the court, but under the provisions of section 10 of the act of March 3, 1891, patents can not be issued therefor until the claimant in each case has paid one-half the cost of making the survey and plat of his respective grant.

SMALL-HOLDING CLAIMS.

This term is used to designate the class of claims provided for by sections 16, 17, and 18 of the act of March 3, 1891 (26 Stat. L., 854), as amended by the act of February 21, 1893 (27 Stat. L., 470). More than 3,000 of such claims have been filed with the surveyors-general of the various States and Territories to which the law is applicable, but only 188 of such claims have been established by the submission of the necessary proofs as to occupation and possession. A large proportion of these claims included lands within the limits of private land grants, petitions for the confirmation of which have been presented to the Court of Private Land Claims. It seems probable that some of these small-holding claimants trace their title from these larger grants and have filed their claims as a protection to them in case the court should decide adversely as to the larger grant.

By the act of Congress approved June 27, 1898 (30 Stat., 495), the time for filing such claims with the surveyor-general has been extended to March 4, 1901.

ENTRIES IN ALASKA.

One town-site entry and 15 nonmineral entries have been made in Alaska under the provisions of sections 11 to 14, act of March 3, 1891. The town-site entry (Juneau) and one nonmineral entry have been patented, while the others have been suspended for various reasons, such as illegal surveys, mineral character of the land involved, insufficiency of the proof submitted, etc.

The law in relation to nonmineral entries in Alaska has been modi-

fied by the provisions of section 10, act of May 14, 1898 (30 Stat., 409), said section being as follows:

SEC. 10. That any citizen of the United States twenty-one years of age, or any association of such citizens, or any corporation incorporated under the laws of the United States or of any State or Territory now authorized by law to hold lands in the Territories, hereafter in the possession of and occupying public lands in the District of Alaska in good faith for the purposes of trade, manufacture, or other productive industry, may each purchase one claim only not exceeding eighty acres of such land for any one person, association, or corporation, at two dollars and fifty cents per acre, upon submission of proof that said area embraces improvements of the claimant and is needed in the prosecution of such trade, manufacture, or other productive industry, such tract of land not to include mineral or coal lands, and ingress and egress shall be reserved to the public on the waters of all streams, whether navigable or otherwise: *Provided*, That no entry shall be allowed under this act on lands abutting on navigable water of more than eighty rods: *Provided further*, That there shall be reserved by the United States a space of eighty rods in width between tracts sold or entered under the provisions of this act on lands abutting on any navigable stream, inlet, gulf, bay, or seashore, and that the Secretary of the Interior may grant the use of such reserved lands abutting on the water front to any citizen or association of citizens, or to any corporation incorporated under the laws of the United States or under the laws of any State or Territory, for landings and wharves, with the provision that the public shall have access to and proper use of such wharves and landings, at reasonable rates of toll to be prescribed by said Secretary, and a roadway sixty feet in width, parallel to the shore line as near as may be practicable, shall be reserved for the use of the public as a highway: *Provided further*, That in case more than one person, association, or corporation shall claim the same tract of land, the person, association, or corporation having the prior claim, by reason of actual possession and continued occupation in good faith, shall be entitled to purchase the same, but where several persons are or may be so possessed of parts of the tract applied for the same shall be awarded to them according to their respective interests: *Provided further*, That all claims substantially square in form and lawfully initiated prior to January twenty-first, eighteen hundred and ninety-eight, by survey or otherwise, under sections twelve and thirteen of the act approved March third, eighteen hundred and ninety-one (twenty-sixth Statutes at Large, chapter five hundred and sixty-one), may be perfected and patented upon compliance with the provisions of said act, but subject to the requirements and provisions of this act, except as to area, but in no case shall such entry extend along the water front for more than one hundred and sixty rods: *And provided further*, That the Secretary of the Interior shall reserve for the use of the natives of Alaska suitable tracts of land along the water front of any stream, inlet, bay, or seashore for landing places for canoes and other craft used by such natives: *Provided*, That the Annette, Pribilof Islands, and the islands leased or occupied for the propagation of foxes be excepted from the operation of this act.

That all affidavits, testimony, proofs, and other papers provided for by this act and by said act of March third, eighteen hundred and ninety-one, or by any departmental or Executive regulation thereunder, by depositions or otherwise, under commission from the register and receiver of the land office, which may have been or may hereafter be taken and sworn to anywhere in the United States, before any court, judge, or other officer authorized by law to administer an oath, shall be admitted in evidence as if taken before the register and receiver of the proper local land office. And thereafter such proof, together with a certified copy of the field notes and plat of the survey of the claim, shall be filed in the office of the surveyor-general of the District of Alaska, and if such survey and plat shall be approved by him, certified copies thereof, together with the claimant's application to purchase, shall be filed in the United States land office in the land district in which the claim is situated, whereupon, at the expense of the claimant, the register of such land office shall cause notice of such application to be published for at least sixty days in a newspaper of general circulation published nearest the claim within the District of Alaska, and the applicant shall at the time of filing such field notes, plat, and application to purchase in the land office, as aforesaid, cause a copy of such plat, together with the application to purchase, to be posted upon the claim, and such plat and application shall be kept posted in a conspicuous place on such claim continuously for at least sixty days, and during such period of posting and publication or within thirty days thereafter any person, corporation, or association, having or asserting any adverse interest in, or

claim to, the tract of land or any part thereof sought to be purchased, may file in the land office where such application is pending, under oath, an adverse claim setting forth the nature and extent thereof, and such adverse claimant shall, within sixty days after the filing of such adverse claim, begin action to quiet title in a court of competent jurisdiction within the District of Alaska, and thereafter no patent shall issue for such claim until the final adjudication of the rights of the parties, and such patent shall then be issued in conformity with the final decree of the court.

ENTRIES, CLAIMS, AND CONTESTS PENDING.

At the close of the fiscal year ending June 30, 1898, the following work was pending in this division:

Preemption entries	213
Final desert	427
Final timber culture	3, 135
Commuted timber culture	69
Town-lot entries	57
Private land claims	3, 096
Donation claims	73
Applications for scrip	11
Scrip locations	15
Indian allotments	3, 756
Contests pending:	
Involving State selections	21
Involving preemption, desert land, timber culture, and Indian claims ..	369
Private land contests	32

There were also pending the following State selections, the area of each class being given:

	Acres.
School	21, 183. 63
University	11, 615. 55
Agricultural college	84, 455. 72
Internal improvement	2, 009. 58
Saline	312. 60
Penitentiary	10, 970. 05
Public buildings	52, 431. 24
Insane asylums	9, 787. 33
Educational, charitable, penal, and reformatory	39, 921. 06
Deaf and dumb asylums	5, 740. 72
Reform schools	7, 775. 15
School of mines	27, 263. 50
Normal schools	12, 966. 64
Scientific schools	33, 689. 50
Reservoir sites	30, 860. 25
Industrial schools	720. 00
Industrial college for girls	22, 027. 80
Blind asylums	9, 050. 89
Miners' hospital	1, 480. 00
Soldiers' home	120. 15
Total	384, 381. 35

H.—CONTEST DIVISION.

Rule 1 of the Rules of Practice in cases before the United States district land offices, the General Land Office, and the Department of the Interior permits any person to initiate a contest against any party to an entry, filing, or other claim under laws of Congress relating to the public lands for any sufficient cause affecting the legality or validity of the claim. By the second section of the act of May 14, 1880 (21 Stat. L., 140), a successful contestant is given a preference right of entry, for thirty days after notice of decision in his favor, to enter the land involved in the contest.

The cases that come to this division as the result of contests initiated before the various registers and receivers are classified as follows: First, cases on appeal from the decisions of the local officers on the merits thereof, called docket cases; second, cases on appeal from the decisions of local officers not on the merits, called miscellaneous appeals; third, cases in which there is no appeal from the decision of the local officers, but which must be reviewed by this office in order to determine whether the decisions therein are rendered in accordance with existing laws and regulations, called unappealed cases; fourth, applications to be permitted to contest an entry of record or for a hearing before the local officers where the same has been denied or the local officers have no power under the rules and regulations to grant the same; fifth, motions for rehearing and review. In addition to the above, the division is charged with the duty of answering numerous letters of inquiry calling for reports from the local officers, keeping necessary dockets, other records and files, forwarding appeals to the Secretary, promulgating departmental decisions, etc.

Where a final entry has been involved in a contest, this division is charged with the duty of examining the final proof, with a view of either approving the entry for patent or rejecting the same. In order to secure the fullest investigation and provide every possible safeguard against mistakes, two clerks are required to examine the final proof and approve the same before the entry is passed to patent.

Since December, 1896, the controversies disposed of in this division have been principally those arising between individuals where rights under the homestead and timber and stone laws and locations of land scrip under various acts of Congress are involved.

Considerable important special work has been very satisfactorily disposed of within the past year in addition to the duties the division is primarily charged with.

Last winter there were transferred to this division from Division C ninety-three entries made under what was known as the "credit system," inaugurated by the earliest of our land laws, passed at a time when the prevailing idea seems to have been that our national domain was so vast that one could scarcely imagine a time when its broad acres would all be occupied and made productive, and the principal concern in regard to said lands seems to have been how to dispose of them on the easiest terms and as rapidly as possible.

Most of these entries were made about the year 1818 at the Opelousas, La., land office.

The local officers in many cases failed to make records of such

entries, thus causing conflicts with other claims of both later and earlier dates. The lands had not been regularly surveyed. The mails were irregular and uncertain. Two wars have intervened, one of which interrupted communication with that section of our country, and tended to distract the attention of public officials from such matters as these old claims. Jurisdiction over the public lands has, since these entries were made, been transferred from the Treasury Department to the Interior Department, and, because of the loss of papers, the difficulty in identifying the lands, or other causes, said entries were unadjusted until last winter, when they were transferred from Division C to this division.

After careful examination of plats, tract books, and old records, and in some instances correspondence with the local officers at New Orleans, La., within which district the lands now lie, action with a view to the closing of all the ninety-three cases has been taken. Eighty of them have been disposed of, some of them being canceled and patents having issued on the others.

Eleven of the remaining cases are awaiting final reports from the local officers and it is probable that all will shortly be finally adjudicated. Other work of a similar character is about to be assigned to this division for adjustment. A large number of letters, the press copies of which were becoming illegible from lapse of time, have been transcribed into permanent records during the year.

About 65 per cent of the cases which come to this division on appeal from the decisions of registers and receivers are afterwards taken to the honorable Secretary of the Interior by appeal from the Commissioner's decision, as against 30 to 40 per cent a few years ago. Besides, in very many cases, motions for review of the Commissioner's decision or for rehearing before the local officers are filed, and a review or modification is never granted unless two examiners, neither of whom wrote the first decision, shall conclude that the first decision was erroneous, so that in such cases the work is increased to three examinations of the same record.

The character of the work performed in this division has been maintained at a high standard of excellence and, as will be seen from the summary following, the work of the division is practically up to date, so that no long delays vex the anxious litigants who impatiently await the decisions of this Bureau in regard to their rights to the land which has been promised them upon the fulfillment of certain conditions.

The importance of such work as this can not well be overestimated.

A summary of the work of the division for the fiscal year ending June 30, 1898, is submitted, as follows:

CONTEST CASES.

Average number of employees		27
Appealed (docket) cases:		
Undecided appealed cases on hand July 1, 1897.....	159	
Received during the year from registers and receivers.....	374	
		533
Referred to other divisions during the year.....	8	
Decided during the year.....	407	
		415
Balance undecided docket cases on hand		118

Appealed (docket) cases—Continued.

Decided appealed cases awaiting closing on hand July 1, 1897..	350	
Appealed cases decided during the year	407	
Appealed cases returned from the Department during the year ..	364	
		1, 121
Appealed cases transmitted to the Secretary on appeal during the year	379	
Appealed cases closed during the year	544	
		923
Balance decided appealed cases on hand		198
Total number of appealed cases on hand		316
Unappealed cases:		
Unappealed cases on hand July 1, 1897	215	
Unappealed cases received during the year	1, 676	
		1, 891
Referred to other divisions during the year	22	
Unappealed cases examined and closed during the year	1, 529	
		1, 551
Balance unappealed cases on hand		340
Total undecided, appealed, and unappealed cases on hand		458
Entries canceled during the year:		
Original		1, 444
Final		7
Entries approved for patent during the year		119
Entries involved in pending contests (original)		656
Entries involved in pending contests (final)		47
Acres involved in pending contests		112, 480

MISCELLANEOUS APPEALS.

Appeals from actions of registers and receivers on interlocutory questions:		
On hand July 1, 1897	21	
Received during the year from registers and receivers	136	
Received from the Departments during the year	5	
		162
Examined and decided during the year		136
Balance on hand		26

APPEALS.

Appeals from decisions of the Commissioner:		
On hand July 1, 1897	64	
Received during the year	431	
		495
Transmitted to the Secretary during the year	439	
Acted on by declining to forward to Secretary during the year ..	12	
		451
Balance on hand		44

MOTIONS FOR REVIEW, REHEARING, AND CERTIORARI.

Motions on hand July 1, 1897	67	
Received during the year	241	
		308
Acted on during the year	75	
Transmitted to the Secretary during the year	217	
		292
Balance on hand		16

APPLICATIONS TO CONTEST.

On hand July 1, 1897	6	
Applications to contest final entries received	61	
Applications to contest original entries received	16	
		83
Contests allowed and hearings directed during the year	27	
Hearings denied during the year	44	
Referred to other divisions during the year	10	
		81
Balance on hand		2

DECISIONS RECEIVED FROM THE DEPARTMENT.

On hand July 1, 1897	11	
Received from the Department during the year	618	
		629
Promulgated during the year		611
Balance on hand		18

LETTERS.

Letters from all sources, including letters transmitting contests:		
On hand July 1, 1897, not disposed of	382	
Received during the year	7,126	
		7,508
Answered during the year	2,387	
Filed with cases or letters previously received	4,448	
Referred to other divisions during the year	78	
		6,913
Balance on hand		595
Number of letters written during the year		7,634
Number of pages typewritten during the year		19,775
Number of pages copied in longhand during the year		3,925
Number of pages press copied during the year		13,321
Number of certified copies furnished during the year		49
Cost of certified copies furnished		\$410.85

K.—DIVISION OF SWAMP LANDS.

This division has charge of all claims under the swamp-land grants and the swamp-land indemnity laws, and of all contests against and all entries and locations in conflict with swamp-land claims of the States.

The correspondence of the office relative to all matters pertaining to swamp-land business—such as reports to the Secretary of the Interior for the information of his office or for transmission to Congress or to the President, and statements of the status of lands to individuals—is also prepared in this division.

There were employed in this division 1 chief and 13 clerks and copyists at the beginning of the fiscal year, and 1 chief and 8 clerks and copyists at its close; and there were attached thereto at various times 3 special agents who examined swamp lands in the field.

The following is a summary of the most important work performed in the division during the year:

Letters and reports:

Pending for action July 1, 1897.....	357	
Received during the year.....	1,910	
		2,267
Answered and acted upon.....	1,249	
Filed or referred.....	729	
		1,978
Pending for action June 30, 1898.....		289
Other letters written.....		921

Swamp land in place claims (acres):

Pending July 1, 1897 (estimated).....	1,620,663.42	
Received during the year.....	109,986.62	
		1,730,650.04
Patented.....	78,959.14	
Rejected.....	513,173.73	
Canceled.....	69,540.32	
		661,673.19

Pending for action June 30, 1898 (estimated).....	1,068,976.85
Lists transmitted to Secretary for approval: No. 39; embracing.....	77,232.39
Lists approved by Secretary: No. 38; embracing.....	75,241.84
Decisions holding for rejection: No. 101; embracing.....	401,509.26
Decisions holding for cancellation: No. 29; embracing.....	70,396.84

Swamp-land cash and land indemnity claims (acres):

Pending July 1, 1897 (estimated).....	1,637,593.00	
Received during the year.....		
		1,637,593.00
Cash indemnity approved (\$1,764.09), on basis of.....	1,458.86	
Land indemnity certified.....	226.35	
Rejected.....	91,080.00	
Canceled.....	20,478.37	
		113,243.58

Pending for action June 30, 1898 (estimated).....	1,524,349.42
Lists transmitted to Secretary for approval: No. 5; embracing.....	1,685.21
Decisions holding for rejection: No. 23; embracing.....	30,720.00
Decisions holding for cancellation: No. 27; embracing.....	9,560.00
Land indemnity patented.....	2,153.82

Contests against swamp-land claims:

Pending July 1, 1897	93	
Received during the year	55	
		148
Decided		58
		90

Entries and locations in conflict with swamp-land claims:

Pending July 1, 1897	803	
Received during the year	205	
		1,008
Relieved from conflict by rejection of State claims	145	
Canceled by reason of approval of State claims	77	
		222
		786

Miscellaneous:

Examination made of plats and field notes of survey to determine character of lands, tracts		4,991
Swamp-land approved lists certified (in duplicate), number of lists, 38 (acres)		73,544.21
Swamp-land patents executed		49
Swamp-land indemnity patents executed		2
Patent records written (pages)		63
Letters and reports prepared on the typewriter (pages)		1,046
Copies of letters, reports, and decisions written (pages)		383
Certified copies of documents made, for which fees were charged		29
Legal fees charged for certified copies of documents		\$50.75

SWAMP LANDS IN PLACE.

The following tables will show the work done in the adjustment of claims for swamp lands in place:

Lands selected by the several swamp-land States under the acts of Congress approved March 2, 1849 (9 Stat. L., 352), September 28, 1850 (9 Stat. L., 519; sec. 2479, Rev. Stat.), and March 12, 1860 (12 Stat. L., 3; sec. 2490, Rev. Stat.), from the dates of the said acts up to June 30, 1898.

State.	1897.		1898.		Year ending June 30, 1898.	Total since date of grants.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Alabama						531,355.60
Arkansas						8,656,372.39
California						1,889,377.26
Florida				1,915.00	1,915.00	22,247,562.60
Illinois						3,981,784.10
Indiana						1,377,727.70
Iowa						4,570,172.33
Louisiana (act of 1849)						11,214,996.32
Louisiana (act of 1850)						554,459.51
Michigan						7,293,159.23
Minnesota	19,691.26	24,043.82	17,529.76	46,805.54	108,070.38	4,949,278.94
Mississippi						3,604,471.31
Missouri						4,843,676.09
Ohio	1.24				1.24	117,932.52
Oregon						434,428.45
Wisconsin						4,569,712.12
Total	19,692.50	24,043.82	17,529.76	48,720.54	109,986.62	80,836,466.52

Swamp lands approved to the several States under the acts of Congress approved March 2, 1849 (9 Stat. L., 352), September 28, 1850 (9 Stat. L., 519; sec. 2480 Rev. Stat.), and March 12, 1860 (12 Stat. L., 3; sec. 2490, Rev. Stat.), from the dates of said acts up to June 30, 1898.

State.	1897.		1898.		Year ending June 30, 1898.	Total since dates of grants.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Alabama						414,384.91
Arkansas				228.32	228.32	7,692,604.50
California						1,847,922.88
Florida	12,922.44				12,922.44	20,264,005.87
Illinois		304.10			304.10	1,496,358.13
Indiana						1,265,955.75
Iowa	40.00	589.56	200.00	200.00	1,029.56	938,199.64
Louisiana (act of 1849)			2,842.29	4,194.82	7,037.11	8,768,506.34
Louisiana (act of 1850)			1,159.53	2,995.63	4,155.16	3,327,229.42
Michigan	87.16				40.00	5,730,584.77
Minnesota	5,119.22	5,623.32	28,787.04	6,915.46	47,445.04	3,762,641.79
Mississippi						3,331,636.15
Missouri						4,498,026.02
Ohio	1.24				1.24	25,796.95
Oregon	1,016.81	50.00	724.90		1,791.71	324,593.66
Wisconsin		40.00		160.00	200.00	3,352,267.46
Total	19,186.87	6,606.98	34,713.76	14,734.23	75,241.84	64,040,714.24

Swamp lands which have been certified or patented to the several States under the acts of Congress approved March 2, 1849 (9 Stat. L., 352), September 28, 1850 (9 Stat. L., 519; sec. 2480, Rev. Stat.), and March 12, 1860 (12 Stat. L., 3; sec. 2490, Rev. Stat.), from the dates of said acts up to June 30, 1898.

State.	1897.		1898.		Year ending June 30, 1898.	Total patented since dates of grants.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Alabama						413,487.36
Arkansas				240.00	240.00	7,674,405.16
California						1,745,938.80
Florida	13,646.76				13,646.76	17,087,355.32
Illinois				304.00	304.00	1,456,542.22
Indiana		847.88			847.88	1,254,110.73
Iowa	40.00	589.56	200.00		829.56	867,677.22
Louisiana (act of 1849)			2,842.29	4,194.82	7,037.11	8,720,026.47
Louisiana (act of 1850)			440.07	3,367.81	3,807.88	3,003,090.80
Michigan	40.00	47.16		40.00	127.16	5,651,672.81
Minnesota	520.40	7,817.81	10,236.99	31,162.49	49,737.69	3,655,227.00
Mississippi						3,272,548.41
Missouri	149.65				149.65	3,344,178.76
Ohio		1.24			1.24	25,776.95
Oregon		1,415.31	254.90	520.00	2,190.21	222,567.93
Wisconsin		40.00			40.00	3,249,886.83
Total	14,396.81	10,758.96	13,974.25	39,829.12	78,959.14	58,944,492.77

Under the act of March 2, 1849, which applies to Louisiana only, title vests in the State on the certification of approved lists to the State.

The amount of swamp land in place claims remaining unadjusted can not be stated, but it is much larger than the amount reported in the first table of this report, viz, 1,068,976.85 acres, which is given on the authority of an estimate made many years since, and which has proved to be too small. It might be presumed that the difference between the total amount of lands selected from the dates of the grants to June 30, 1898, and the total amount patented up to the same date would represent the pending or unadjusted claims, but this presumption would be ill founded, since the difference, or the apparent claim, has to a large amount been regularly adjudicated by rejection.

The exact amount rejected during the past forty-seven years that the adjustment has been in progress can not be stated, as no account of rejections had been kept in a tabulated form in the annual or other reports except during the past seven years. The rejections from July 1, 1891, to June 30, 1898, are shown in the following table:

Statement showing rejections of claims and cancellations of selections under the swamp land laws during the period from July 1, 1891, to June 30, 1897, and also the fiscal year ending June 30, 1898, respectively.

State.	1892-1897.			1898.			Recapitulation.
	Swamp land in place.	Swamp land indemnity.	Total.	Swamp land in place.	Swamp land indemnity.	Total.	
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama.....	35,680.00	14,340.00	53,020.00	1,080.00	-----	1,080.00	54,100.00
Arkansas.....	1,144,612.16	-----	1,144,612.16	-----	-----	-----	1,144,612.16
California.....	54,400.00	-----	54,400.00	200.00	-----	200.00	54,600.00
Florida.....	904,045.99	-----	904,045.99	1,720.00	-----	1,720.00	905,765.99
Illinois.....	721,113.16	417,093.40	1,138,206.56	3,800.00	58,120.00	61,420.00	1,199,626.56
Indiana.....	45,041.93	680.00	45,721.93	40.00	-----	40.00	45,761.93
Iowa.....	472,800.00	300,815.56	773,615.56	369,971.00	41,440.00	411,411.00	1,185,026.56
Louisiana.....	891,966.00	922.00	892,888.00	117,915.94	11,438.37	129,354.31	1,022,242.31
Michigan.....	15,400.00	-----	15,400.00	800.00	-----	800.00	16,200.00
Minnesota.....	515,340.00	-----	515,340.00	51,487.11	-----	51,487.11	566,827.11
Mississippi.....	118,169.50	49,240.00	167,409.50	160.00	-----	160.00	167,569.50
Missouri.....	311,077.68	101,295.27	412,372.95	1,180.00	560.00	1,720.00	414,092.95
Ohio.....	21,800.00	40,642.79	62,442.79	640.00	-----	640.00	63,082.79
Oregon.....	120,500.27	-----	120,500.27	14,400.00	-----	14,400.00	134,900.27
Wisconsin.....	224,952.54	-----	224,952.54	19,840.00	-----	19,840.00	244,792.54
Unclassified.....	72,804.29	-----	72,804.29	-----	-----	-----	72,804.29
Total.....	5,672,703.52	925,029.02	6,597,732.54	582,714.05	111,558.37	694,272.42	7,292,004.96

NOTE.—The greater portion of the rejections and cancellations reported in this table represent illegal, duplicate, and other improper claims which have been encumbering the records for many years.

SWAMP-LAND INDEMNITY.

During the past year three special agents were for brief periods of time employed in the field and one reader of field notes of survey was employed in this office in determining the character of the lands forming the basis of cash-indemnity claims.

No new swamp-land indemnity claims were received during the year.

The following table exhibits in detail final adjustments under the swamp-land cash and land indemnity laws, viz:

Adjustments of cash and land indemnity claims, by States and counties, under the acts of Congress approved March 2, 1855 (sec. 2482, Rev. Stat.), and March 3, 1857, during the fiscal year ended June 30, 1898.

State and county.	Date of approval or of rejection of claim.	Cash indemnity.		Land indemnity certified.	Cash and land indemnity rejected or canceled.	Name of State or county agent.	Total by States.		
		Amount paid.	Basis.				Cash indemnity paid.	Land indemnity certified.	Cash and land indemnity claims rejected.
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Illinois.....									58,120.00
Adams.....	Sept.15, 1897								
Bond.....	Dec. 24, 1897				600.00	W. H. Collins			
Bureau.....	Jan. 6, 1898				800.00	I. R. Hitt			
Champaign.....	Oct. 7, 1897				480.00	do			
Clark.....	do				120.00	do			
Clinton.....	Feb. 10, 1898				40.00	do			
Do.....	June16, 1898				480.00	do			
Coles.....	do				760.00	do			
Crawford.....	Oct. 7, 1897				240.00	do			
De Kalb.....	Sept.24, 1897				40.00	do			
Douglas.....	Jan. 6, 1898				160.00	do			
Effingham.....	Sept.24, 1897				5,880.00	do			
Ford.....	Jan. 6, 1898				40.00	do			
Hamilton.....	Sept.24, 1897				280.00	do			
Henderson.....	do				160.00	do			
Iroquois.....	do				160.00	do			
Johnson.....	Jan. 6, 1898				1,320.00	do			
Kankakee.....	June16, 1898				200.00	do			
Lake.....	Mar. 22, 1898				80.00	do			
Lawrence.....	Oct. 7, 1897				80.00	The county clerk			
Lee.....	Sept.24, 1897				40.00	I. R. Hitt			
Livingston.....	July 10, 1897				1,080.00	do			
Macon.....	Oct. 7, 1897				33,040.00	do			
Macoupin.....	Nov. 6, 1897				80.00	do			
Massac.....	Jan. 6, 1898				240.00	Rinaker & Rinaker			
Monroe.....	Oct. 7, 1897				440.00	I. R. Hitt			
Moultrie.....	June 16, 1898				40.00	do			
Pulaski.....	Sept.16, 1897				400.00	do			
Do.....	Jan. 6, 1898				320.00	do			
Schuyler.....	Dec. 24, 1897				120.00	do			
Stephenson.....	Jan. 7, 1898				80.00	W. C. Reno			
Tazewell.....	June 16, 1898				920.00	The county clerk			
Vermillion.....	Sept.24, 1897				440.00	I. R. Hitt			
Do.....	Mar. 24, 1898				2,160.00	do			
Wabash.....	Jan. 6, 1898				3,440.00	do			
Washington.....	Sept.24, 1897				1,720.00	do			
					1,080.00	do			

Adjustments of cash and land indemnity claims, by States and counties, etc.—Continued.

State and county.	Date of approval or of rejection of claim.	Cash indemnity.		Land indemnity certified.	Cash and land indemnity rejected or canceled.	Name of State or county agent.	Total by States.		
		Amount paid.	Basis.				Cash indemnity paid.	Land indemnity certified.	Cash and land indemnity claims rejected.
Illinois—Continued.									
Wayne	June 16, 1898		Acres.	Acres.	Acres.	I. R. Hitt		Acres.	Acres.
Williamson	do				80.00	do			
Woodford	Sept. 24, 1897				80.00	do			
Iowa					400.00				
Benton	Jan. 15, 1898				320.00	I. R. Hitt	\$533.43		41,440.00
Boone	Nov. 12, 1897				80.00	do			
Bremer	Jan. 5, 1898				1,840.00	do			
Buchanan	Aug. 7, 1897				160.00	do			
Do	Jan. 11, 1898				160.00	do			
Butler	Aug. 7, 1897				40.00	do			
Cedar	do				440.00	do			
Dallas	Sept. 16, 1897				160.00	J. N. Prouty			
Davis	Aug. 7, 1897				520.00	I. R. Hitt			
Delaware	do				40.00	do			
Hardin	Dec. 24, 1897				200.00	do			
Do	Mar. 5, 1898				1,000.00	do			
Harrison	Aug. 7, 1897				840.00	do			
Henry	do				3,760.00	do			
Do	Nov. 12, 1897				160.00	do			
Howard	Jan. 8, 1898				160.00	do			
Johnson	Aug. 7, 1897				13,680.00	do			
Jones	Nov. 12, 1897				40.00	do			
Linn	Various dates.				400.00	do			
Mahaska									
Do	Sept. 16, 1897				760.00	do			
Do	June 16, 1898				720.00	do			
Marshall	Dec. 24, 1897				1,760.00	J. N. Prouty			
Do	June 7, 1898	\$533.43	426.75			do			
Mitchell	Apr. 11, 1898				80.00	The county auditor			
Monroe	Sept. 18, 1897				200.00	I. R. Hitt			
Montgomery	Aug. 7, 1897				160.00	do			
Muscatine	Sept. 18, 1897				1,000.00	do			
Do	June 16, 1898				80.00	do			
Story	July 14, 1897				7,480.00	do			
Do	Sept. 18, 1897				960.00	do			
Wapello	June 16, 1898				40.00	do			

Wayne	Aug. 7, 1897				2,640.00	do			
Webster	do				40.00	E. P. Fuller			
Woodbury	Sept. 18, 1897				1,200.00	I. R. Hitt			
Wright	Mar. 8, 1898				320.00	F. D. Miracle			
Louisiana	Various dates.				11,438.37	Register of State lands	1,290.66	226.35	11,438.37
Do	Feb. 18, 1898	597.17	477.74			do			
Do	Mar. 7, 1898			226.35		do			
Do	Apr. 6, 1898	633.49	554.67			do			
Missouri	Various dates.				560.00	Secretary of state			560.00
Total		1,764.09	1,459.16	226.35	111,558.37		1,764.09	226.35	111,558.37

The following table exhibits the total amount of cash paid and of lands certified and patented since the passage of the act of March 2, 1855; also the amount of the unadjusted claims pending at the close of the fiscal year:

Table showing the cash indemnity paid and the land certified under the swamp-land indemnity acts; also the indemnity lands patented and the cash and land indemnity claims remaining unadjusted up to June 30, 1898.

State.	Cash indemnity paid.	Land indemnity certified.	Indemnity land patented.	Cash and land indemnity remaining unadjusted.
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama	\$18,505.44	20,009.36	19,795.16	42,533.17
Arkansas				209,160.00
Florida	77,045.63	94,740.57	69,615.67	
Illinois	442,023.17	101,984.90	2,309.07	779,530.06
Indiana	39,080.91	8,434.84	4,880.20	
Iowa	540,706.50	341,632.97	321,605.23	623,851.71
Louisiana	50,601.73	30,480.52	27,727.92	21,309.96
Michigan	15,922.04	24,599.43	23,908.69	4,948.83
Mississippi	17,786.56	47,888.73	47,846.88	84,551.39
Missouri	191,241.03	81,497.43	79,376.69	(a)
Ohio	29,027.76			18,902.52
Wisconsin	185,278.91	106,042.08	105,047.99	
Total	1,607,219.68	857,310.83	702,203.50	1,784,967.61

a The claim on 560 acres was rejected during the year, although no unadjusted claim appeared in the above table at the beginning of the year.

The above table, which was first prepared eight years ago, and to which new selections have been added and from which new adjustments have been deducted annually since, shows the amount of swamp-land cash and land indemnity claims remaining unadjusted to be 1,784,967.61 acres; but it now appears that that amount does not represent the true amount of the claims. Statements of the real condition of the claims, by States and counties, now in course of preparation, disclose the fact that the basis of swamp-land indemnity claims remaining unadjusted amounts to nearly 5,000,000 acres. The table will be revised soon, and the next annual report will represent the actual condition of the claims.

By the ratification of the "Arkansas compromise" by act of Congress approved April 29, 1898, the entire swamp-land claim of the State of Arkansas was settled by the allowance of certain lands to the State or its grantees and by the cession and relinquishment of the State to the United States of all its claim, right, title, and interest in the public lands under the swamp-land grant and the indemnity laws. The lands so settled are now being identified, and they will be duly reported in the next annual report.

DECISIONS OF THE SECRETARY OF THE INTERIOR RELATIVE TO ADJUSTMENT OF SWAMP-LAND CLAIMS DURING THE FISCAL YEAR.

STATE OF CALIFORNIA.

Segregation survey—Meander line—Riparian rights.—In the case of a survey that is closed upon a meander line run for the purpose of separating arable lands from alleged swamp and overflowed lands lying upon the borders of a lake, thus leaving a tract unsurveyed between the shore of said lake and said meander line, parties taking title to the lands so surveyed acquire no riparian rights to the unsurveyed lands lying beyond said meander line. (State of California et al. v. United States et al., September 2, 1897, 25 L. D., 199.)

Swamp-land claim—State selection—Approval.—Where a State, during the pendency of its appeal from the adverse action of the local office on a swamp-land claim,

selects the tracts involved in said claim under other State grants, and such selections are approved, the action of the State in making such selections must be held a waiver of its claims under the swamp grant.

The approval of selections so made is a final adjudication of the right of the State to make such selections, and operates to pass title thereunder; and the State having accepted the title thus acquired will not be heard to question the validity thereof. (January 28, 1898, 26 L. D., 94.)

STATE OF FLORIDA.

Swamp-land certification—Jurisdiction—Indian occupancy.—If it is made to appear that lands have been erroneously included in a certified swamp-land list, and patent has not issued thereon, the action of a preceding Secretary of the Interior in approving such list may be corrected by his successor.

The status of the Seminole Indians, as occupants of public lands in the State of Florida, is too indefinite in character to receive recognition in patents issued under the swamp grant.

Lands occupied and cultivated by said Indians can not, however, be held as of the character contemplated by said grant, and if, on due investigation, lands so occupied and improved appear to have been certified to the State under said grant, the certification thereof should be revoked. (January 31, 1898, 26 L. D., 117.)

STATE OF ILLINOIS.

Swamp grant—Character of land granted.—Lands covered by an apparently permanent body of water, and meandered as a lake, at the date of the swamp grant do not pass under said grant. (May 3, 1898, 26 L. D., 605.)

STATE OF IOWA.

Railroad grant—Swamp grant—Adjustment.—A notation appearing of record, at the date of a railroad grant, that a tract has been selected as swamp land is ineffective as against the operation of the grant, if, at such time, said notation appeared of record without authority of law. (*Dorn v. Ellingson*, September 2, 1897, 25 L. D., 203.)

Practice—Application to enter—Order for hearing.—No right is secured by an application to make entry that will bar the allowance of a hearing, as to the status of the land involved, on the prior application of another party. (*Gallup v. Welch et al.*, October 20, 1897, 25 L. D., 337.)

Swamp-land grant—Evidence as to character of land.—In the adjustment of the swamp grant the burden of proof is upon the State to show that the land claimed is of the character granted, where the field notes of survey do not show such land to be swamp and overflowed.

Evidence as to the character of land since the date of the swamp grant is competent as tending to show whether the land was in fact swamp and overflowed at the date of said grant. (*Archer et al. v. Williams*, April 2, 1898, 26 L. D., 477.)

STATE OF LOUISIANA.

Swamp land—Acts of March 2, 1849, and September 28, 1850.—The act of September 28, 1850, removed the restrictions and exceptions in the grant of swamp lands made to the State of Louisiana by the act of March 2, 1849, and vested the title in said State to all the swamp and overflowed lands which remained unsold at the passage of said act of 1850, and it therefore follows that said State is entitled to the benefit of the indemnity provisions of the acts of 1855 and 1857.

The field notes of survey having been accepted by the State as the basis of the adjustment of the swamp grant, the character of land for which the State asks indemnity may be determined thereby, except where a direct issue is made, in which case an investigation may be ordered and the character of the land determined on the evidence so submitted.

The decision of March 15, 1897, 24 L. D., 231, recalled and vacated. (State of Louisiana, January 6, 1898, 26 L. D., 5.)

STATE OF MICHIGAN.

Swamp-land claim—Homestead—Hearing.—In a case arising between a homesteader and a State claiming under the swamp grant, a hearing may be properly ordered to determine the character of the land where the said grant is adjusted

on the field notes of survey, but the survey, having been made prior to the grant, furnishes no satisfactory evidence as to the actual character of the land. (*State of Michigan v. Fosdick*, January 28, 1898; 26 L. D., 99.)

Swamp-land claim—Act of March 3, 1857.—The act of March 3, 1857, did not confirm a certified list of swamp selections based on an erroneous survey, where, prior to the passage of said act, the certification had been corrected on evidence furnished by a resurvey. (*State of Michigan*, January 28, 1898, 26 L. D., 98.)

Swamp lands—Adjustment of grant confirmation.—Where the field notes of the survey of a township have been made the basis of a final adjustment of the swamp grant, and the State has accepted a patent thereunder, it is estopped, while holding the lands so conveyed, from claiming additional tracts under a resurvey which also shows that a portion of the lands patented were not of the character granted.

The act of March 3, 1857, did not confirm swamp lands to the State where the grant has been adjusted as to any particular township, or townships, and such adjustment had become final and conclusive by the acceptance, on the part of the State, of a patent for the lands covered by such adjustment. (*State of Michigan v. Listzon et al.*, February 11, 1898; 26 L. D., 182.)

STATE OF MINNESOTA.

Swamp-land approvals.—When a tract has been reported, and has been approved by the Secretary of the Interior as swamp land, a contest alleging nonswampy character of the land will not be allowed, unless it be shown that the approval was obtained by fraud or mistake. (*Markuson v. Minnesota*, September 30, 1897; Letter, 90,179.)

STATE OF OREGON.

Swamp lands—Wagon-road grant—Estoppel.—The State, by securing title to lands under the wagon-road grant of July 5, 1866, is estopped from subsequently claiming the same lands under the prior grant of swamp lands. (*State of Oregon v. Willamette Valley and Cascade Mountain Wagon Road Company*, July 12, 1897, 25 L. D., 10.)

STATE OF WISCONSIN.

Swamp grant—Indian occupancy—Allotment.—The fee to swamp lands in the State of Wisconsin embraced within the right of Indian occupancy provided for by the treaty of October 18, 1848, passed to the State by the subsequent swamp grant, but the right of possession under said grant remained in abeyance until such time as the Indian right of occupancy should be surrendered, or otherwise ended by the United States.

When, by the subsequent treaty of February 11, 1856, the Indians so protected ceded to the United States certain lands embraced within their right of occupancy, such relinquishment, as to the lands covered thereby, though for the expressed purpose of locating the Stockbridge and Munsee Indians and other Indians thereon, operated to remove the only obstacle to the merger of the right of possession with the fee that passed under the swamp grant and entitled the State to receive patents under said grant.

The act of March 3, 1893, providing for the issuance of patents to the Stockbridge and Munsee Indians under allotments selected in accordance with the treaty of 1856, where said Indians had remained in possession under said allotments, did not contemplate the issuance of patents for lands that had prior thereto passed to the State under the swamp grant. (*Stockbridge and Munsee Indians v. State of Wisconsin*, July 12, 1897; 25 L. D., 17.)

Certification and patent—Swamp-land claim.—The Department is without jurisdiction to order a hearing, on the application of a State, to determine the character of lands claimed by it under the swamp grant where, prior to any such claim, the lands have been certified or patented to the State for the benefit of a railroad grant. (*State of Wisconsin*, November 23, 1897; 25 L. D., 417.)

L.—DRAFTING DIVISION.

The work allotted to and executed by this division relates to the compilation of maps of the United States and of individual States and Territories in which public land is located, the platting of maps pertaining to township and lesser subdivisions, all diagrams, copies of plats and tracings, all examinations of locations of right-of-way railroads, canals, ditches, and reservoirs relative to public surveys and conflicts; in short, all the drafting required by the General Land Office for individual, departmental, or other purposes.

This division is also custodian of all official field notes of surveys of the public domain, and of the originals and photolithographic copies of maps and plats relative thereto.

The following is a statement in detail of the work performed in this division during the fiscal year ending June 30, 1898, viz:

Letters pending June 30, 1897.....	9
Letters received during the year.....	817
Total	826
Letters disposed of—	
By answer.....	619
By filing (no answer required).....	167
By reference to other divisions.....	40
Total	826
Letters originating in Division L.....	213

The recent valuable discoveries in Alaska, the resultant rush of settlers to that Territory, together with demands from contemplating investors in the several industries rendered necessary thereby, have recently impelled this office to issue a land and economic map of Alaska. An edition of 3,000 copies of this map has been printed, on a scale of 48 miles to 1 inch. It is embraced in two sheets; shows all topographic and economic features collatable from authentic sources up to the date of going to print (June 16, 1898), and will form a basis upon which future land surveys will be indicated.

The map of the United States for 1898, showing recently defined cession boundary lines, was revised, corrected up to date, and, with the tracings of maps of Colorado and Oklahoma and newly compiled maps of Idaho and Alaska, was forwarded to The Friedenwald Company, lithographers, of Baltimore, Md., for reproduction.

During the fiscal year ending June 30, 1898, editions of the following maps have been received from The Friedenwald Company under their contract with this office for the same fiscal year, viz:

Map of the United States, 1897, and maps of the States of Colorado and Idaho and Territories of Oklahoma and Alaska (two sheets).

In addition to the annual map of the United States for 1899, it is contemplated to recompile and issue during the fiscal year ending June 30, 1899, the following State and Territorial maps: California, two sheets; Kansas, Wyoming, and Indian Territory.

Two draftsmen have been employed during the fiscal year on the compilation of various State and Territorial railroad withdrawal atlases

for Division F; one draftsman upon work pertaining to the preparation of field notes for binding, and another draftsman upon work pertaining to the preparation of plats of survey for binding.

Under a contract for photolithographing worn, defaced, and needed plats for fiscal year ending June 30, 1898, 1,326 original plats were sent to the contractor, from which tracings have been made; 20 photolithographic copies of each of these plats, a total of 26,520, are now being printed.

There were made 147 drawing-paper copies of maps and diagrams for official use; 503 tracings of maps, diagrams, and plats for official use; 87 tracings of maps, diagrams, and plats for which fees were collected to the amount of \$456.10; 15 State maps upon which were designated the land districts; 62 State maps upon which were designated the forest reserves; 9 State maps upon which were designated the Indian reserves; 10 State maps upon which were designated the railroad land grants; 5 United States maps upon which were designated the forest reserves; 1,269 photolithographs of plats of survey (5 certified and 1,264 uncertified) furnished for official use to various bureaus; 16 certified photolithographs of plats of survey furnished to surveyors-general and registers and receivers; 199 railroad maps, comprising duplicates of 94 maps and 11 not in duplicate, have been examined and reported upon; 7 railroad-station plats, in duplicate and 1 not in duplicate, have been examined and reported upon; 36 railroad maps, 33 canal sites, all in duplicate, have been prepared with land-district designations; 102 maps of canals, ditches, and reservoir sites, all in duplicate, have been examined and reported upon; 872 subdivisional plats, exteriors, and other surveys have been entered upon working diagrams and filed for reference; 107 volumes of field notes of the plats of survey have been properly indexed and sent to the bindery, all of which volumes have been returned and placed on the files; 84 volumes of plats of surveys have been arranged, indexed, bound, and placed on the files; 2,561 photolithographs of plats of surveys (442 certified and 2,119 uncertified) have been furnished to applicants and fees collected to the amount of \$750.75.

A new index diagram of the field notes of Wisconsin has been completed.

A very considerable part of the time and labor of this division during the past fiscal year has been devoted to miscellaneous work of such detailed character as to preclude classification, such as comparison of plats and explanations with reference to lines of survey.

M—DIVISION OF ACCOUNTS.

The following is a summary of the work performed in this division during the fiscal year ending June 30, 1898:

Letters received	22, 785
Letters written	11, 212
Accounts examined and certified for settlement	4, 908
Duplicate certificates of deposit received and recorded	5, 603

The accounts, covering \$3,911,769.44, show receipts and disbursements as follows:

RECEIPTS.

618 quarterly accounts of receivers of public moneys (sales of public and Indian lands)	\$2, 097, 984. 81
402 quarterly accounts of receivers of public moneys (unearned fees and unofficial moneys)	117, 530. 96
74 accounts of moneys collected on account of deprecations on public timber	27, 913. 47
20 accounts of moneys received from sales of Government property	6, 429. 20
[45] accounts of moneys deposited by individuals to cover the cost of office work in connection with the survey of mining claims	90, 453. 12
12 accounts of receiving clerk, General Land Office, for moneys received from certified copies and transcripts of records	10, 522. 76
<hr/> 1, 126 Total receipts	<hr/> <hr/> 2, 350, 834. 32

DISBURSEMENTS.

1, 245 quarterly accounts of receivers of public moneys as special disbursing agents	\$604, 961. 72
[391] quarterly accounts of receivers of public moneys (unearned fees and unofficial moneys)	105, 869. 33
206 quarterly accounts of surveyors-general as disbursing agents	413, 325. 96
21 State-fund accounts	24, 838. 21
760 repayment accounts for land erroneously sold	28, 656. 55
136 accounts of deputy surveyors	182, 839. 69
1, 414 miscellaneous accounts, including those of inspectors and special agents, and contingent, transportation, and other accounts	200, 443. 66
<hr/> 3, 782 Total disbursements	<hr/> <hr/> 1, 560, 935. 12

The following tables are submitted, showing a recapitulation of the public-land transactions in the several States and Territories during the year:

Amount deposited by mining claimants on account of the platting of their claims and other office work in the surveyor-general's office during the fiscal year ending June 30, 1898.

District.	Amount.	District.	Amount.
Alaska	\$70	New Mexico	\$2, 170
Arizona	4, 595	Oregon	450
Arkansas	30	South Dakota	10, 790
California	4, 445	Utah	11, 685
Colorado	46, 665	Washington	4, 783
Idaho	3, 815	Wyoming	300
Montana	8, 550		
Nevada	1, 170	Total	99, 518

The amount deposited by claimants under section 13, act of March 3, 1891, to cover the cost of field and office work in connection with the survey of lands occupied by them in Alaska for purposes of trade or manufactures to June 30, 1898, is as follows: Field work, \$19,770.85; office work, \$4,900; total, \$24,670.85.

Amount deposited by railroads during the fiscal year ending June 30, 1898, to reimburse the United States for the cost of field and office work in connection with the survey of lands selected by them and embraced within the limits of their grants.

Name of road.	Field work.	Office work.	Aggregate.
Central Pacific R. R. Co.....	\$30.26	\$8.49	\$38.75
California and Oregon Branch, Central Pacific R. R. Co..	71.08	9.79	80.87
Union Pacific Rwy. Co.....	3,773.65	904.05	4,677.70
St. Paul, Minneapolis and Manitoba Rwy. Co.....	11.75	2.11	13.86
Sioux City and Pacific R. R. Co.....	1.34	.40	1.74
Northern Pacific Rwy. Co.....	3,213.58	417.91	3,631.49
Southern Pacific R. R. Co.....	557.01	53.57	610.58
Oregon and California R. R. Co.....	3,397.37	320.35	3,717.72
Missouri, Kansas and Texas Rwy. Co.....	26.90	6.99	33.89
New Orleans Pacific Rwy. Co.....	15.48	2.24	17.72
Total.....	11,098.42	1,725.90	12,824.32

DISPOSAL OF PUBLIC LANDS.

The following is a statement of the acreage disposed of during the fiscal year ending June 30, 1898:

CASH SALES.

	Acres.
Private entries.....	4,715.28
Public auction.....	25,955.29
Preemption entries.....	15,399.08
Timber and stone entries.....	60,955.73
Mineral-land entries.....	47,899.06
Desert-land entries.....	314,916.68
Excesses on homestead and other entries.....	9,567.48
Coal-land entries.....	4,078.63
Town-site entries.....	480.00
Supplemental payments.....	25.39
Cash substitution.....	40.00
Act of September 30, 1890 (extending time for payment for homesteads and preemptions).....	160.00
Act of March 3, 1887 (sales of land claimed on account of railroad grants).....	3,201.02
Act of February 17, 1897 (to enable certain persons to procure title to public lands).....	510.59
Act of January 18, 1897 (disposal of land in Greer county, Okla.).....	136,854.28
Act of August 15, 1894 (Yankton, Sioux, and Siletz Indian ceded lands).....	36.75
Act of September 29, 1890 (forfeited by railroad company and sold to individuals).....	7,940.48
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	632,735.74

MISCELLANEOUS.

	Acres.
Homestead entries, original.....	6, 206, 557. 61
Timber-culture entries, original.....	160. 00
Entries with—	
	Acres.
Military bounty-land warrants.....	1, 580. 00
Agricultural college scrip.....	160. 00
Private land scrip.....	680. 00
Sioux half-breed scrip.....	3, 225. 05
State selections.....	676, 467. 61
Railroad selections.....	710, 343. 87
Wagon-road selections.....	81, 452. 06
Indian allotments.....	25, 745. 76
Small holdings under act March 3, 1891.....	1, 483. 07
Swamp lands and swamp-land indemnity lands.....	87, 112. 96
	1, 582, 250. 38
Total area of public-land entries and selections.....	8, 421, 703. 73

INDIAN LANDS.

Cherokee.....	309. 46
Klamath Indian Reserve.....	53. 98
Ute.....	19, 360. 65
Osage trust and diminished reserve.....	5, 686. 18
Chippewa.....	3, 937. 59
Crow.....	480. 00
Ponca.....	258. 80
Omaha.....	1, 030. 00
Sioux.....	637. 17
Colville Indian Reserve.....	439. 36
	32, 193. 19
Grand total.....	8, 453, 896. 92

RECAPITULATION.

Area sold for cash.....	632, 735. 74
Miscellaneous entries.....	7, 788, 967. 99
Indian lands.....	32, 193. 19
	8, 453, 896. 92
Aggregate.....	8, 453, 896. 92

Showing an increase of 614,780.26 acres as compared with the aggregate of disposals for the fiscal year ending June 30, 1897.

The foregoing does not include the following entries, the areas of which have been previously reported in the original entries of the respective classes:

	Acres.
Commuted homesteads (sec. 2301 Rev. Stat.).....	154, 600. 07
Commuted homesteads under acts June 15, 1880, and May 2, 1890.....	17, 600. 74
Indian land commuted under special acts.....	41, 614. 57
Under act August 15, 1894.....	130, 698. 16
Commuted timber-culture entries, act March 3, 1891.....	7, 579. 74
Final desert-land entries.....	127, 807. 99
Final homestead entries.....	3, 095, 017. 75
Final timber-culture entries.....	868, 133. 73
Other areas, consisting of military bounty-land warrants, scrip locations, etc.....	12, 657. 36
	4, 455, 710. 11
Total.....	4, 455, 710. 11

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The filings and fees thereon are stated in the annexed table.

Kind of filings.	Number.	Fees.
Preemption	383	\$1,088
Homestead	207	443
Coal	738	2,185
Town site	4	9
Reservoir	80	180
Mineral applications	1,421	14,210
Timber and stone applications	469	4,690
Total	3,302	22,785
Mineral adverse claims	356	3,560
Total	3,658	26,345

Miscellaneous fees as follows:

Reducing testimony to writing, cancellation fees, etc. \$67,775.42

CASH RECEIPTS.

The following is a statement of the cash receipts of the office from various sources during the fiscal year ending June 30, 1898:

Sales of land at private entry	\$6,173.47
Sales of land at public auction	39,934.07
Sales of land by preemption entry	20,367.42
Sales of timber and stone land	152,414.99
Sales of mineral land	208,489.01
Sales of desert land	208,978.73
Commuted homesteads (sec. 2301 Rev. Stat.)	210,535.25
Commuted homesteads under acts June 15, 1880, and May 2, 1890	25,621.03
Excesses on homesteads and other entries	13,272.04
Timber-culture entries commuted under act March 3, 1891	9,637.53
Sales of coal land	74,411.60
Sales of town lots	10,452.50
Sales of town sites	700.00
Supplemental payments	217.49
Graduation entries	640.45
Abandoned military reservations	975.05
Cash payment on double minimum swamp selections	30.61
Cash substitution	50.00
Indian land commuted under special acts	53,271.81
Cash on final homesteads	2,999.40
Competitive bids	1.00
Sisseton and Wahpeton lands	1,400.00
Act of March 2, 1895 (restoration to public domain of lands not needed for naval purposes)	51.85
Act of September 30, 1890 (extending time for payment for homesteads and preemptions)	200.00
Act of March 3, 1887 (sales of land claimed on account of railroad grants)	6,217.49
Act of February, 17, 1897 (to enable certain persons to procure title to public lands)	638.23
Act of January 18, 1897 (disposals of land in Greer County, Okla.)	29,101.65
Act of August 15, 1894 (Yankton, Sioux, and Siletz Indian ceded lands)	204,797.75
Act of September 29, 1890 (forfeited by railroad company and sold to individuals)	9,495.68
Total	1,291,076.10

FEES AND COMMISSIONS.

For homestead entries, original and final.....	\$716,518.96	
For timber-culture entries, original and final.....	22,770.00	
For military bounty-land warrants.....	89.50	
For agricultural-college scrip.....	20.00	
For State selections.....	9,127.00	
For railroad selections.....	8,974.00	
For wagon-road selections.....	1,022.00	
For final commissions, Sac and Fox lands.....	580.84	
For final commissions on commuted Sioux lands.....	42.78	
For preemption, coal, and other filings.....	26,345.00	
For reducing testimony to writing, etc.....	67,775.42	
		\$853,265.50
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Total receipts from disposal of public land.....		2,144,341.60
Total receipts from disposal of Indian land.....		100,317.49
Total receipts from depredations on public land.....		15,876.60
Total receipts from sales Government property.....		6,936.73
Total receipts for furnishing transcripts of records and plats, General Land Office.....		10,522.76
		<hr/>
Total cash receipts.....		2,277,995.18

The total cash receipts for the fiscal year ending June 30, 1897, were \$2,087,931.28, showing an increase in receipts for the year ending June 30, 1898, as compared with the preceding fiscal year, of \$190,063.90.

The total expense of district land offices for salaries and commissions of registers and receivers, incidental expenses, and expenses of depositing public moneys during the fiscal year ending June 30, 1898, was \$617,411.77, an increase as compared with the fiscal year ending June 30, 1897, of \$12,674.84.

Number and class of final and original entries and selections made during the fiscal year ending June 30, 1898; also the amount of cash for same, and increase or decrease, as compared with the year ending June 30, 1897.

Class of entry.	Number of entries.	Number of acres.	Cash receipts.		Increase as compared with 1897.				Decrease as compared with 1897.			
			Sales.	Fees and commissions.	Number of entries	Number of acres.	Cash sales.	Fees and commissions.	Number of entries	Number of acres.	Cash sales.	Fees and commissions.
FINAL ENTRIES.												
Private	92	4,715.28	\$6,173.47									
Public auction.....	448	25,955.29	39,934.07			59.28						
Preemption	112	15,399.08	20,367.42									
Timber and stone	573	60,955.73	152,414.99									
Mineral	1,625	47,899.06	208,489.01		216	20,345.78	\$50,889.73		1		\$671.22	
Desert land	793	127,807.99	130,247.27		389	16,705.84	74,366.51		54	133.96	349.18	
Commuted homesteads (sec. 2301, Rev. Stat.)	1,247	154,600.07	210,535.25		229	30,364.63	26,037.99		26	3,148.59	4,215.26	
Commuted timber cultures (act Mar. 3, 1891)	63	7,579.74	9,637.53									
Commuted homesteads (acts June 15, 1880, and May 2, 1890)	127	17,600.74	25,621.03						40	5,781.13	13,356.48	
Excesses on homesteads and other entries	3,260	9,567.48	13,272.04		127	17,600.74	25,621.03		22	3,737.49	4,955.68	
Coal land	30	4,078.63	74,411.60									
Town lots	90		10,452.50		987	3,068.65	4,030.31					
Town sites	5	480.00	700.00		72	177.12	23,282.50		6			
Supplemental payments	34	482.62	217.49		1		8,926.50					
Graduation entries	29	2,420.37	640.45		6		32.80					
Abandoned military reservations	5	519.34	975.05		22	1,987.76	515.12					
Cash substitution	1	40.00	50.00			519.34	843.05					
Indian land commuted under special acts	1,209	172,349.48	258,069.56						32			
Sales of land under act Jan. 18, 1897	909	136,854.28	29,101.65		1,209	172,349.48	258,069.56			120.00	150.00	
Under sundry acts	98	14,611.83	21,034.23									
Homestead	22,281	3,095,017.75	\$111,117.66		876	131,605.67	27,788.83					
Timber culture	5,691	868,133.73	22,756.00		2,166	316,618.55			582	97,394.83	137,663.70	
Military bounty land warrants	25	3,580.00	89.50		753	119,006.04						
Scrip locations under the several acts	107	10,008.80							10	342.28		\$20.50
Indian allotments	180	25,745.76	20.00									
Swamp lands patented		81,112.96							112	3,043.77		
Final commissions on Indian lands									83	14,556.34		
			623.62							719,560.16		
							88.56					

Donation claims.....									7	1,267.50		55.00
Indian lands.....	39,034 517	4,887,516.01 32,193.19	1,212,344.64 100,317.49	134,606.78	7,053	830,403.88	500,403.93	16,676.99	975 190	850,898.00 53,316.72	162,427.31 338,398.82	75.50
Total.....	39,551	4,919,709.20	1,312,662.13	134,606.78	7,053	830,403.88	500,403.93	16,676.99	1,165	904,214.72	500,826.13	75.50
ORIGINAL ENTRIES.												
Desert land.....	2,001	314,916.68	78,731.46									
Homestead.....	44,980	6,206,557.61		605,401.30	798	140,715.49	35,188.29					
Timber culture.....	1	160.00		14.00	11,730	1,754,267.77		164,425.74				
Total.....	46,982	6,521,634.29	78,731.46	605,415.30	12,528	1,894,983.26	35,188.29	164,425.74	4	486.60		51.00
RAILROAD, STATE, AND WAGON-ROAD SELECTIONS.												
Railroad.....	4,487	710,343.87		8,974.00								
State, under the several acts.....	4,619	676,467.61		9,127.00	1,734	265,267.61		3,350.00	5,187	828,120.36		10,376.25
Wagon-road.....	509	81,452.06		1,022.00	4	1,652.36		12.00				
Total.....	9,615	1,468,263.54		19,123.00	1,738	266,919.97		3,362.00	5,187	828,120.36		10,376.25
FILING AND MISCELLANEOUS FEES.												
Filing fees and mineral adverse claims.....	3,658			26,345.00					509			5,287.00
Fees for reducing testimony to writing, etc.....				67,775.42				6,120.97				
Total.....	3,658			94,120.42				6,120.97	509			5,287.00
RECAPITULATIONS BY TOTALS.												
Final entries.....	39,551	4,919,709.20	1,312,662.13	134,606.78	7,053	830,403.88	500,403.93	16,676.99	1,165	904,214.72	500,826.13	75.50
Original entries.....	46,982	6,521,634.29	78,731.46	605,415.30	12,528	1,894,983.26	35,188.29	164,425.74	4	486.60		51.00
Railroad, State, and wagon-road selections.....	9,615	1,468,263.54		19,123.00	1,738	266,919.97		3,362.00	5,187	828,120.36		10,376.25
Filing and miscellaneous fees.....	3,658			94,120.42				6,120.97	509			5,287.00
Total.....	99,806	12,900,607.03	1,391,393.59	853,265.50	21,319	2,992,307.11	535,592.22	190,585.70	6,865	1,732,821.68	500,826.13	15,789.75
Deduct totals of decrease.....					6,865	1,732,821.68	500,826.13	15,789.75				
Net total of increase.....					14,454	1,259,485.43	34,766.09	174,795.95				

a Entries originated and completed within the year embrace 463,999.09 acres; entries originating in former years, and heretofore so reported, but completed during fiscal year 1898, embrace 4,455,710.11 acres; total acreage of final entries within the year, 4,919,709.20.

b Net increase in number of final entries, 5,888; decrease of area in final entries, 73,810.84 acres; net increase of original entries, 12,524; increase of area, 1,894,496.66 acres.

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Statement, by offices and States, of the disposal of Indian lands during the fiscal year ending June 30, 1898.

State and office.	Entries.	Acres.	Amount.
CHEROKEE SCHOOL.			
Alabama: Huntsville	7	309.46	\$386.84
KLAMATH INDIAN RESERVE.			
California: Humboldt	2	53.98	134.95
UTE.			
Colorado: Durango	3	388.44	485.55
Glenwood Springs	101	7,861.66	20,345.36
Gunnison	25	1,417.16	6,110.23
Montrose	129	9,693.39	11,920.15
Total	258	19,360.65	38,861.29
OSAGE TRUST AND DIMINISHED RESERVE.			
Kansas: Dodge City	56	4,886.18	5,263.17
Topeka	13	800.00	1,121.65
Total	69	5,686.18	6,384.82
OSAGE CEDED.			
Kansas: Topeka			118.10
KANSAS TRUST AND DIMINISHED RESERVE.			
Kansas: Topeka			90.51
CHIPPEWA.			
Minnesota: Crookston	58	3,937.59	17,230.28
CROW CEDED.			
Montana: Bozeman	7	{ (597.62) 480.00 }	1,616.43
PONCA.			
Nebraska: O'Neill	43	253.80	4,227.86
OMAHA.			
Nebraska: O'Neill	21	1,030.00	24,860.95
STOUX.			
South Dakota: Chamberlain	22	(3,156.10)	3,014.35
Huron	2	(320.00)	160.00
Rapid City	3	{ (165.45) 321.90 }	306.32
Watertown	9	{ (398.05) 315.27 }	689.79
Total	36	637.17	4,170.46
COLVILLE INDIAN RESERVE.			
Washington: Spokane Falls	16	439.36	2,235.00

RECAPITULATION.

Alabama	7	309.46	\$386.84
California	2	53.98	134.95
Colorado	258	19,360.65	38,861.29
Kansas	69	5,686.18	6,503.43
Minnesota	58	3,937.59	17,230.28
Montana	7	480.00	1,616.43
Nebraska	64	1,288.80	29,088.81
South Dakota	36	637.17	4,170.46
Washington	16	439.36	2,235.00
Total	517	32,193.19	100,317.49

Public and Indian lands disposed of for cash and under the homestead acts, under the timber-culture acts, located with agricultural college and other kinds of scrip, and located with military bounty-land warrants, and selected by States and railroads in the several States and Territories each year ending June 30, from 1886 to 1898, inclusive.

State or Territory.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Alabama	<i>Acres.</i> 226,627.41	<i>Acres.</i> 625,769.43	<i>Acres.</i> 562,394.73	<i>Acres.</i> 281,717.77	<i>Acres.</i> 326,327.42	<i>Acres.</i> 336,871.75	<i>Acres.</i> 206,353.13	<i>Acres.</i> 149,293.04	<i>Acres.</i> 274,899.08	<i>Acres.</i> 121,517.78	<i>Acres.</i> 135,197.15	<i>Acres.</i> 110,925.66	<i>Acres.</i> 141,678.18
Alaska			99.12	422.08	275.31	551.57	52.31	101.97		440.80	136.06	68.98	31.30
Arizona	534,139.30	468,656.28	562,933.30	428,216.05	360,761.62	353,131.07	397,775.19	450,165.83	225,894.42	353,164.23	206,325.76	138,906.93	47,814.78
Arkansas	277,281.04	563,461.66	411,965.36	404,857.99	366,102.31	317,667.57	261,685.83	250,282.32	306,953.35	324,958.91	384,931.68	304,393.37	301,490.67
California	1,348,778.46	1,475,296.04	2,104,364.26	1,586,293.01	820,645.59	1,089,379.80	1,573,130.01	866,759.10	628,770.57	644,738.95	1,223,719.69	523,190.89	312,867.52
Colorado	1,282,674.87	2,536,714.36	2,694,015.13	1,586,293.01	820,645.59	1,089,379.80	1,573,130.01	866,759.10	628,770.57	644,738.95	1,223,719.69	523,190.89	312,867.52
Dakota	3,075,085.11	2,096,315.55	1,706,424.97	2,103,693.67									
Florida	231,799.46	1,520,880.11	1,296,308.21	2,080,146.33	160,171.95	146,571.71	165,621.96	351,684.53	136,763.77	217,955.98	166,107.75	448,702.04	107,518.26
Idaho	272,019.84	241,815.19	313,636.60	331,863.92	197,491.14	345,382.15	363,187.44	342,709.22	302,075.37	339,328.02	417,193.62	355,041.87	409,458.13
Illinois		1,579.59	121.04	121.04	196.30	516.10	44.25	44.25	455.42		83.85	2,901.99	344.00
Indiana		132.52	10,004.69	197.85		3.10	81.25	3.39	41.83	74.60		280.00	891.69
Indian Ter				906,184.38									
Iowa	4,337.02	219,658.21	28,219.81	8,588.37	3,453.70	4,945.16	3,439.67	3,044.30	1,075.11	3,281.97	4,764.32	1,926.05	1,349.56
Kansas	5,636,824.15	3,723,950.96	2,974,251.62	1,633,665.18	968,235.31	391,043.80	558,728.37	631,512.95	142,210.35	58,651.41	75,757.38	118,735.72	86,548.76
Louisiana	142,564.03	274,685.93	673,527.68	214,296.85	120,373.05	176,303.39	132,384.93	149,265.01	336,130.44	126,710.83	187,064.15	110,230.37	162,709.19
Michigan	109,963.94	138,881.62	122,731.50	157,816.76	122,699.03	116,554.21	106,576.17	106,256.41	73,305.89	86,436.27	63,889.35	35,270.73	32,632.29
Minnesota	417,732.58	694,356.87	493,483.42	329,057.32	295,719.73	324,738.71	591,550.01	414,561.15	432,215.04	511,649.00	706,175.51	788,470.06	450,866.51
Mississippi	175,626.25	218,605.06	554,155.05	131,940.92	314,612.38	238,729.48	335,680.60	414,278.88	103,751.83	164,254.12	188,335.30	178,183.13	136,957.15
Missouri	269,045.73	290,727.43	214,486.06	196,687.82	197,816.68	207,609.73	219,816.57	199,698.01	210,158.30	205,392.47	230,116.58	202,670.80	151,494.45
Montana	911,574.11	2,536,037.27	282,597.04	462,428.63	481,816.70	522,980.35	587,262.21	631,868.53	326,629.85	418,302.54	683,617.00	341,229.56	669,798.32
Nebraska	3,551,518.29	2,515,659.81	2,139,339.26	1,645,086.30	1,678,782.81	938,594.64	1,235,179.32	1,049,144.22	258,613.83	190,159.85	156,786.60	195,014.78	281,617.08
Nevada	280,998.87	308,488.79	425,155.01	126,905.69	116,796.52	65,760.43	82,539.62	104,132.03	49,571.45	187,417.72	1,891,634.98	675,506.86	33,929.58
New Mexico	202,850.15	163,314.64	660,559.73	188,875.25	524,429.35	343,190.36	312,068.60	242,259.68	180,462.68	347,934.67	252,632.50	79,689.17	127,081.66
North Dakota			240.00	240.00		415,660.04	706,550.47	768,319.30	378,293.09	625,367.50	1,673,115.38	624,474.26	1,288,457.26
Ohio					.93	275.00			156.37	50.00	40.00		41.24
Oklahoma					1,084,001.07	296,873.69	1,588,054.58	855,738.37	3,770,496.13	981,455.43	551,196.33	501,533.77	1,434,476.41
Oregon	504,863.78	754,875.71	889,239.97	691,934.98	766,144.56	819,764.05	762,780.83	718,764.48	372,325.83	337,990.40	1,468,428.47	391,390.16	493,704.63
South Dakota					753,089.24	590,735.05	1,044,789.48	973,101.74	477,325.28	852,264.77	267,347.53	298,354.76	341,668.76
Utah	299,776.06	241,446.18	238,998.33	141,916.58	269,448.31	217,930.10	229,279.50	215,471.72	107,534.19	184,923.66	487,377.97	152,114.12	215,309.10
Washington	544,828.49	2,652,587.09	4,575,194.10	1,024,991.61	936,921.79	1,047,817.45	792,684.42	745,898.37	489,641.22	531,544.71	507,117.45	383,902.70	391,983.40
Wisconsin	237,555.73	364,664.71	337,622.59	126,959.71	88,088.93	182,337.57	148,378.89	103,011.00	109,214.39	111,755.04	106,168.98	153,537.07	100,072.51
Wyoming	453,572.51	424,780.22	242,306.78	227,220.90	183,157.41	262,621.60	431,463.80	502,453.72	261,735.49	453,608.85	467,217.23	379,811.60	380,959.69
Total	20,991,967.13	25,111,400.84	24,485,833.91	17,143,434.23	12,798,837.41	10,477,700.32	13,664,019.43	11,891,143.99	10,406,100.77	8,364,300.13	13,174,070.68	7,839,116.66	8,453,896.92

a Including original State swamp selections up to June 30, 1887.

ACCOUNTS DIVISION.

Statement showing, by States and Territories, the total amount of cash received on account of sales of public lands during each fiscal year from July 1, 1886, to June 30, 1898.

State or Territory.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Alabama	\$47,543.94	\$350,408.58	\$270,613.57	\$37,858.01	\$34,118.59	\$29,521.63	\$14,190.40	\$10,222.24	\$10,226.19	\$7,802.91	\$7,133.02	\$8,598.63	\$3,775.70
Alaska			505.00	2,105.00	1,297.50	2,307.50	245.00	515.00	4,531.85	1,510.13	550.00	345.00	147.50
Arizona	59,063.52	58,174.17	130,188.25	77,996.43	85,258.23	55,179.60	68,334.01	78,978.51	35,726.14	17,656.78	28,445.81	22,750.49	21,722.47
Arkansas	35,297.01	284,933.41	109,549.06	11,932.43	8,000.23	6,788.67	83,497.84	8,011.95	9,071.92	6,094.78	8,203.41	7,716.41	19,224.11
California	520,632.08	703,216.35	1,477,111.02	1,110,722.08	876,147.68	688,942.59	534,077.57	391,731.84	170,289.25	81,287.52	104,638.93	93,933.27	62,082.10
Colorado	403,642.39	489,400.30	1,142,828.79	1,548,323.22	782,891.75	317,522.26	240,797.15	285,179.26	104,080.80	78,416.60	102,980.31	87,251.39	121,197.93
Dakota	1,206,135.98	1,280,994.83	881,607.83	618,404.88									
Florida	132,609.05	61,347.52	143,423.86	15,735.57									
Idaho	86,328.26	91,183.25	96,479.03	107,479.09	10,814.71	16,872.06	16,513.06	8,810.05	7,613.27	3,833.21	4,508.85	3,633.46	2,095.65
Illinois		49.00		104.00	137,404.45	147,357.70	116,422.97	134,852.68	68,200.45	54,546.83	56,413.46	30,432.60	40,497.82
Indiana			5.86	44.50							150.00		
Indian Ter				1,978.52									3.98
Iowa	2,798.25	1,057.95	10,796.02	6,161.49	1,855.33	544.35	1,853.51	2,246.75	1,204.83	1,656.17	1,760.35	4,540.66	663.88
Kansas	799,765.07	2,099,094.93	2,831,419.90	1,456,606.05	423,090.32	74,885.66	120,432.27	116,680.76	26,251.91	13,720.90	4,685.25	2,295.82	2,657.43
Louisiana	65,077.20	306,435.12	635,277.83	79,878.79	15,514.28	17,735.80	18,231.74	16,277.15	5,819.04	4,057.89	4,979.06	4,322.16	8,325.23
Michigan	67,652.21	113,390.90	71,128.85	70,327.03	107,183.97	90,481.42	57,179.41	20,599.61	13,645.38	13,743.84	13,392.19	10,876.69	8,147.27
Minnesota	203,953.36	478,666.84	246,918.34	185,073.93	108,192.17	92,558.20	137,910.82	168,232.11	278,624.37	132,460.93	81,698.43	54,744.39	100,716.79
Mississippi	40,595.18	161,933.44	539,906.70	2,345.72	3,840.67	7,388.41	10,144.16	11,276.35	4,448.72	3,962.02	6,848.26	13,640.00	11,958.14
Missouri	28,599.62	28,223.01	21,841.77	20,774.74	17,154.54	27,876.87	22,204.88	21,620.17	10,475.28	11,882.62	14,917.83	6,880.57	6,819.73
Montana	189,572.07	176,557.55	166,204.12	269,626.07	269,735.43	230,599.77	258,367.22	267,344.91	127,590.35	124,736.15	150,006.74	107,295.89	187,483.71
Nebraska	922,784.91	1,421,433.34	1,380,830.77	1,036,510.81	736,451.24	203,289.74	192,973.57	173,580.30	65,936.66	37,934.22	22,040.95	18,468.69	19,761.17
Nevada	3,219.59	2,077.87	2,584.02	6,220.00	3,515.00	4,527.07	4,348.53	2,695.00	1,280.00	2,180.75	3,033.10	2,205.00	2,870.00
New Mexico	189,598.84	67,366.83	51,815.60	64,616.92	65,692.21	76,365.27	83,015.82	90,862.42	41,073.64	18,853.75	15,738.64	35,513.95	22,512.70
North Dakota				300.00	132.41	100.00							
Oklahoma		29.80											
Oregon	198,566.84	214,928.44	241,629.81	380,044.37	2,690.20	75,804.87	62,531.42	89,245.38	108,573.34	183,973.27	156,319.28	81,201.35	294,415.36
South Dakota					706,209.68	658,074.02	350,899.45	373,014.25	95,778.80	40,988.17	41,806.77	117,638.37	39,338.74
Utah	52,318.63	66,619.66	61,971.18	64,261.21	305,612.41	150,154.99	131,201.05	158,995.16	72,441.81	73,617.79	33,586.82	38,523.16	64,852.04
Washington	187,976.59	279,216.64	322,727.82	532,002.99	979,739.17	755,892.07	426,687.10	398,238.74	208,193.84	64,205.37	45,110.77	45,675.16	84,152.97
Wisconsin	181,304.88	306,132.68	90,836.34	74,473.35	82,769.36	70,379.04	58,916.95	85,780.43	51,120.85	41,937.40	31,649.65	17,558.83	13,757.17
Wyoming	182,855.64	221,509.42	274,772.61	236,257.30	252,363.00	155,981.25	98,905.52	71,347.94	42,992.03	36,888.00	38,621.00	35,237.26	72,909.36
Total	5,757,891.06	9,246,321.33	11,203,071.95	8,018,254.50	6,349,174.24	4,160,099.07	3,322,865.01	3,193,280.64	1,653,080.71	1,116,090.07	1,053,905.59	917,911.19	1,291,076.10

Statement showing the total cash receipts arising from the disposal of public lands in the several land States and Territories during each fiscal year from July 1, 1886, to June 30, 1898, consisting of sales and fees and commissions.

State or Territory.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Alabama	\$70,582.85	\$389,652.47	\$312,855.56	\$68,791.21	\$72,905.58	\$68,398.94	\$38,998.01	\$31,206.90	\$41,727.81	\$24,099.64	\$25,366.04	\$24,433.81	\$21,511.96
Alaska			585.00	2,255.00	1,407.50	2,477.50	315.00	625.00	4,531.85	1,580.13	600.00	375.00	324.05
Arizona	70,866.52	69,561.43	147,598.08	90,305.25	95,401.09	65,080.07	78,571.24	90,992.79	43,427.59	27,459.30	36,443.14	29,306.08	27,852.88
Arkansas	65,202.19	329,519.37	154,384.29	56,578.61	49,725.09	43,068.32	114,049.88	39,071.23	43,605.09	43,534.67	51,770.46	42,338.92	54,114.81
California	623,235.22	814,731.35	1,643,924.49	2,17,014.92	958,320.21	779,515.33	618,230.68	466,999.17	224,450.33	128,004.33	156,337.05	137,728.05	104,773.80
Colorado	526,286.22	741,438.58	1,386,374.41	1,684,746.49	872,712.66	384,214.88	305,018.17	369,317.25	161,895.89	134,290.14	156,535.07	135,897.34	164,535.07
Dakota	1,447,399.87	1,428,032.76	1,042,892.18	794,829.35									
Florida	147,764.00	74,388.62	165,464.96	26,343.76	28,590.55	32,727.16	33,875.66	23,399.09	21,238.60	16,321.70	20,774.45	15,442.02	13,426.72
Idaho	106,604.27	112,210.60	122,687.90	133,544.49	161,201.14	169,295.60	140,486.11	162,230.51	87,984.25	84,123.69	97,976.05	60,368.99	75,865.63
Illinois		53.00	2.00	117.00	19.80	756.90	923.37	48.64	1.12		150.00	12.00	6.00
Indiana	5.00	20.31	9.86	70.53	6.00	5.90	12.02	42.71	19.05	13.90	1.00	1.87	15.26
Indian Ter.				83,320.13									
Iowa	3,498.25	1,751.95	13,705.97	7,096.35	2,412.33	3,310.58	2,741.77	3,649.85	1,756.86	3,254.50	4,542.01	5,283.11	1,226.68
Kansas	1,310,376.42	2,402,790.19	3,024,984.64	1,557,673.63	497,752.38	135,086.16	181,721.34	191,800.61	59,325.62	31,846.92	20,318.50	18,774.37	22,368.09
Louisiana	74,566.74	320,790.17	653,979.01	99,119.82	35,699.20	36,440.24	33,922.30	34,014.02	22,895.11	20,400.93	23,991.33	21,126.52	27,361.48
Michigan	74,911.65	122,401.95	81,978.07	85,273.68	117,733.24	100,516.30	66,997.76	30,023.24	22,284.44	22,432.10	20,030.72	15,871.05	13,201.64
Minnesota	250,511.10	534,297.01	299,573.47	231,217.63	148,831.87	131,716.10	188,883.40	224,618.79	326,296.72	177,871.41	134,791.02	98,117.97	146,944.42
Mississippi	52,501.68	173,871.19	553,867.35	20,365.63	32,373.22	35,700.21	31,961.51	27,226.90	17,507.64	19,930.24	28,676.79	32,114.33	29,675.87
Missouri	53,443.85	53,036.50	42,997.15	44,298.60	42,890.05	54,009.38	47,609.77	44,854.34	34,372.64	35,250.80	41,026.92	30,324.52	26,119.05
Montana	216,576.16	224,436.67	190,541.63	298,736.40	299,154.19	259,872.22	299,398.30	306,190.30	155,133.63	154,171.72	186,314.74	137,937.00	227,473.83
Nebraska	1,190,442.72	1,626,844.42	1,549,798.27	1,172,499.10	860,894.55	282,884.67	281,633.74	257,884.22	114,720.51	75,016.80	52,977.42	51,419.60	63,373.68
Nevada	7,576.73	6,677.33	8,754.22	9,018.96	5,549.51	6,182.67	6,278.48	4,153.30	1,761.76	5,019.75	27,147.60	11,300.75	4,112.15
New Mexico	153,920.36	81,093.91	75,436.89	80,011.86	83,382.89	92,509.76	99,574.81	107,022.42	52,569.67	31,852.10	28,123.44	45,138.19	37,739.40
North Dakota				300.00	281,272.74	141,215.22	176,914.69	188,774.45	84,476.98	74,612.19	93,478.17	89,217.11	167,512.15
Ohio	1.00	33.80	21.00		139.41	119.88			45.46	185.00	211.00		6.00
Oklahoma					100,807.37	109,681.88	212,303.34	172,240.10	449,514.26	293,667.22	225,241.66	137,474.53	422,327.32
Oregon	252,546.47	268,603.61	304,085.08	442,146.58	775,906.10	725,100.36	409,016.72	422,600.06	133,315.97	74,675.56	88,930.62	148,177.09	77,370.41
South Dakota					386,055.31	208,586.41	216,924.04	252,550.43	128,101.50	111,837.03	67,426.43	75,265.33	109,030.03
Utah	69,534.48	80,268.60	76,912.71	76,491.52	110,415.74	114,193.78	106,986.07	94,657.11	62,556.25	43,466.68	68,347.20	58,462.93	69,987.10
Washington	246,015.88	363,461.99	445,894.41	644,282.69	1,088,137.15	857,035.92	496,422.16	453,058.53	256,099.90	115,487.70	89,869.71	90,950.55	114,252.05
Wisconsin	195,420.71	322,784.84	108,196.62	89,762.98	94,010.97	91,551.62	80,198.94	101,572.93	65,714.86	56,586.03	45,319.81	33,766.84	27,158.95
Wyoming	202,926.97	241,169.10	291,566.78	254,013.56	267,662.37	173,183.86	117,700.99	90,640.40	56,954.43	54,805.48	55,725.06	49,755.57	94,675.12
Total	7,412,767.31	10,783,921.72	12,701,072.00	9,270,225.73	7,470,870.31	5,105,037.72	4,387,670.27	4,191,465.29	2,674,285.79	1,866,800.66	1,847,463.41	1,596,380.74	2,144,341.60

288 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement showing by fiscal years the amount of money received for public lands sold, and fees and commissions collected on public lands disposed of otherwise than for cash, from July 1, 1886, to June 30, 1898; also the aggregate receipts from sales and fees and commissions during said period.

Fiscal year.	Total cash sales.	Total amount, fees and commissions.	Total receipts from disposal of public lands.
1886	\$5,757,891.06	\$1,654,876.25	\$7,412,767.31
1887	9,246,321.33	1,537,600.39	10,783,921.72
1888	11,203,071.95	1,498,000.05	12,701,072.00
1889	8,018,254.50	1,251,971.23	9,270,225.73
1890	6,349,174.24	1,121,696.07	7,470,870.31
1891	4,160,099.07	944,938.65	5,105,037.72
1892	3,322,895.01	1,064,805.26	4,387,700.27
1893	3,193,280.64	998,184.65	4,191,465.29
1894	1,653,080.71	1,021,205.08	2,674,285.79
1895	1,116,090.07	750,710.59	1,866,800.66
1896	1,053,905.59	793,557.82	1,847,463.41
1897	917,911.19	678,469.55	1,596,380.74
1898	1,291,076.10	853,265.50	2,144,341.60

Statement showing the total amounts accrued and paid to each of the following-named States, on account of the grants of 2, 3, and 5 per cent of the net proceeds of the sales of public lands lying within their respective limits, up to June 30, 1896, during the fiscal year 1897, and the aggregate amounts up to and including June 30, 1897.

States.	Up to and including June 30, 1896.	During fiscal year 1897.	Total up to and including June 30, 1897.
Alabama	\$1,068,000.20	\$299.38	\$1,068,299.58
Arkansas	265,381.51	274.05	265,655.56
Colorado	305,617.37	1,191.66	306,809.03
Florida	112,046.16	56.51	112,102.67
Idaho	25,879.52	1,249.17	27,128.69
Illinois	1,187,908.89	-----	1,187,908.89
Indiana	1,040,255.26	-----	1,040,255.26
Iowa	633,638.10	-----	633,638.10
Kansas	1,093,908.04	16.67	1,093,924.71
Louisiana	437,831.52	121.40	437,952.92
Michigan	567,308.59	364.05	567,672.64
Minnesota	405,145.81	2,549.07	407,694.88
Mississippi	1,060,791.09	550.54	1,061,341.63
Missouri	1,031,766.47	226.22	1,031,992.69
Montana	61,189.36	4,656.81	65,846.17
Nebraska	506,072.47	715.31	506,787.78
Nevada	11,254.77	89.25	11,344.02
North Dakota	22,955.43	905.30	23,860.73
Ohio	999,353.01	-----	999,353.01
Oregon	236,998.98	4,822.44	241,821.42
South Dakota	32,055.89	1,479.11	33,535.00
Utah	990.11	2,086.83	3,076.94
Washington	113,049.10	1,800.81	114,849.91
Wisconsin	574,976.13	-----	574,976.13
Wyoming	18,794.88	1,381.63	20,176.51
Total	11,803,163.46	24,838.21	11,828,001.67

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
SALARIES, GENERAL LAND OFFICE.			
For the Commissioner of the General Land Office (R. S., p. 76, sec. 446, Mar. 15, 1898, vol. 30, p. 305)	\$5,000.00	-----	\$5,000.00
Assistant Commissioner, to be appointed by the President, by and with the advice and consent of the Senate, who shall be authorized to sign such letters, papers, and documents, and to perform such other duties as may be directed by the Commissioner, and shall act as Commissioner in the absence of that officer, or in case of a vacancy in the office of Commissioner (Mar. 15, 1898, vol. 30, p. 305)	3,500.00	-----	3,500.00
Chief clerk (R. S., p. 74, sec. 440; Mar. 15, 1898, vol. 30, p. 305)	2,250.00	-----	2,250.00
Two law clerks, at \$2,200 each (Mar. 15, 1898, vol. 30, p. 305)	4,400.00	-----	4,400.00
Three inspectors of surveyor-general and district land offices, at \$2,000 each (Mar. 15, 1898, vol. 30, p. 305)	6,000.00	-----	6,000.00
Recorder (R. S., p. 76, sec. 447; Mar. 15, 1898, vol. 30, p. 305)	2,000.00	-----	2,000.00
Ten chiefs of divisions, at \$2,000 each (Mar. 15, 1898, vol. 30, p. 305)	20,000.00	-----	20,000.00
One additional chief of division, at \$2,000 (submitted)	2,000.00	-----	-----
Two law examiners, at \$2,000 each (Mar. 15, 1898, vol. 30, p. 305)	4,000.00	-----	4,000.00
Ten principal examiners of land claims and contests, at \$2,000 each (Mar. 15, 1898, vol. 30, p. 305)	20,000.00	-----	20,000.00
One depository, acting for the Commissioner as receiver of public moneys and also as confidential secretary (Mar. 15, 1898, vol. 30, p. 305)	2,000.00	-----	2,000.00
Twenty-nine clerks (reduction of 1), class 4 (Mar. 15, 1898, vol. 30, p. 305)	52,200.00	-----	54,000.00
Fifty-six clerks, class 3 (Mar. 15, 1898, vol. 30, p. 305)	89,600.00	-----	89,600.00
Fifty-nine clerks, class 2 (Mar. 15, 1898, vol. 30, p. 305)	82,600.00	-----	82,600.00
Sixty-one clerks, class 1 (Mar. 15, 1898, vol. 30, p. 305)	73,200.00	-----	73,200.00
Forty-nine clerks, at \$1,000 each (Mar. 15, 1898, vol. 30, p. 305)	49,000.00	-----	49,000.00
Fifty-five copyists, at \$900 each (Mar. 15, 1898, vol. 30, p. 305)	49,500.00	-----	49,500.00
Two messengers, at \$840 each (Mar. 15, 1898, vol. 30, p. 305)	1,680.00	-----	1,680.00
Eight assistant messengers, at \$720 each (Mar. 15, 1898, vol. 30, p. 305)	5,760.00	-----	5,760.00
One packer, at \$720 (Mar. 15, 1898, vol. 30, p. 305)	720.00	-----	720.00
Eighteen laborers, at \$660 each (Mar. 15, 1898, vol. 30, p. 305)	11,880.00	-----	11,880.00
		\$487,290.00	
<p>NOTE.—The 1 additional chief of division estimated for herein is in lieu of 1 clerk of class 4 heretofore appropriated for, the purpose being to establish and maintain a separate division for the administration and protection of forest reserves.</p>			
EXPENSES OF INSPECTORS.			
For per diem in lieu of subsistence of inspectors and of clerks detailed to investigate fraudulent land entries, trespassers on the public lands, and cases of official misconduct; also of clerks detailed to examine the books of and assist in opening new land offices, while traveling on duty, at a rate to be fixed by the Secretary of the Interior, not exceeding \$3 per day, and for actual necessary expenses of transportation, including necessary sleeping-car fare, and for employment of stenographers and other assistants when necessary to the efficient conduct of examinations, and when authorized by the Commissioner of the General Land Office (Mar. 15, 1898, vol. 30, p. 305)	7,000.00	7,000.00	7,000.00
LIBRARY.			
For law books for the law library of the General Land Office (Mar. 15, 1898, vol. 30, p. 305)	200.00	200.00	200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
MAPS OF THE UNITED STATES.			
For connected and separate United States and other maps prepared in the General Land Office: <i>Provided</i> , That one-half of said United States maps shall be delivered to the House of Representatives and one-fourth to the United States Senate for distribution (Mar. 15, 1898, vol. 30, p. 305).....	\$14,840.00	\$14,840.00	\$14,840.00
INSPECTING MINES IN THE TERRITORIES.			
For salaries of 2 mine inspectors, authorized by the act approved March 3, 1891 (26 Stats., 1104), for the protection of the lives of miners in the Territories, at \$2,000 per annum each (Mar. 15, 1898, vol. 30, p. 305).....	4,000.00		
For per diem, subject to such rules and regulations as the Secretary of the Interior may prescribe, in lieu of subsistence, at a rate not exceeding \$3 per day each, while absent from their homes on duty, and for actual necessary traveling expenses of said inspectors, including necessary sleeping-car fares (Mar. 15, 1898, vol. 30, p. 305).....	3,850.00	7,850.00	7,850.00
Total		516,680.00	516,480.00
COLLECTING THE REVENUE FROM SALES OF PUBLIC LANDS.			
<i>Salaries and commissions of registers and receivers.</i> —For salaries and commissions of registers and receivers of district land offices, at not exceeding \$3,000 per annum each (R. S., p. 392, secs. 2237, 2238; R. S., p. 393, sec. 2240).....	477,000.00	477,000.00	477,000.00
NOTE. —The estimate submitted is the same as the amount appropriated for salaries and commissions of registers and receivers for the current fiscal year ending June 30, 1899. Owing to the recent establishment of 4 additional land districts, viz, 2 in Alaska, 1 in Montana, and 1 in Oklahoma, it is believed the full amount estimated will be required for the service. The accompanying detailed exhibit (marked A) shows the earnings, amount paid registers and receivers, and net revenue to the United States for the fiscal year ending June 30, 1898.			
<i>Contingent expenses, land offices.</i> —For clerk hire, rent, and other incidental expenses of the district land offices (July 1, 1898, vol. 30, p. 618).....	135,000.00	135,000.00	125,000.00
NOTE. —The foregoing estimate includes the salaries of clerks, office rent, registration fees, and a variety of other incidental expenses pertaining to the running of the local land offices, such as binding plats, rebinding old and dilapidated plat books worn by constant handling and use, the purchase of furniture, safes, typewriters, etc. The reduction of \$25,000 in this appropriation for the current fiscal year was proposed by this office as temporary and in the interest of public economy. The recent establishment, however, of 4 additional land districts, the increasing business in the local offices (last year's receipts averaging approximately over 20 per cent above those of the previous year), while the amount of labor proportional to the actual business accomplished is still greater with each succeeding year, make increased facilities necessary in the direction of additional room rent, clerical assistance, furniture, etc., so that the urgent necessities of the service can not be met with a less sum than now estimated for, viz, \$135,000.			
<i>Expenses of depositing public moneys.</i> —For expenses of depositing money received from the disposal of public lands (R. S., p. 713, sec. 3617; July 1, 1898, vol. 30, p. 618).....	2,500.00	2,500.00	2,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
COLLECTING THE REVENUE FROM SALES OF PUBLIC LANDS—continued.			
<p><i>Depredations on public timber, protecting public lands, and settlement of claims for swamp lands and swamp-land indemnity.</i>—To meet the expenses of protecting timber on the public lands and for the more efficient execution of the law and rules relating to the cutting thereof; of protecting public lands from illegal and fraudulent entry or appropriation, and of adjusting claims for swamp lands and indemnity for swamp lands: <i>Provided</i>, That agents and others employed under this appropriation shall be selected by the Secretary of the Interior, and allowed per diem, subject to such rules and regulations as he may prescribe, in lieu of subsistence, at a rate not exceeding \$3 per day each and actual necessary expenses for transportation, including necessary sleeping-car fare (July 1, 1898, vol. 30, p. 618).....</p>	\$110,000.00	\$110,000.00	\$110,000.00
<p>NOTE.—To properly provide for this branch of the service it is confidently believed the sum estimated is the very least that can adequately meet the requirements thereof, and that a diminution of the amount to be thus applied would not be in the interest of the public good or of economy, but decidedly the reverse.</p>			
<p><i>Protection and administration of forest reserves.</i>—To meet the expenses of executing the provisions of the sundry civil act, approved June 4, 1897 (Stat. L., vol. 30, p. 34), for the care and administration of the forest reserves, to meet the expenses of forest inspectors and assistants, superintendents, supervisors, surveyors, rangers, and for the employment of foresters and other emergency help in the prevention and extinguishment of forest fires, and for advertising dead and matured trees for sale within such reservation: <i>Provided</i>, That forestry agents, superintendents, and supervisors, and other persons employed under this appropriation shall be selected by the Secretary of the Interior wholly with reference to their fitness and without regard for their political affiliations, and allowed per diem, subject to such rules and regulations as he may prescribe, in lieu of subsistence, at a rate not exceeding \$3 per day each and actual necessary expenses for transportation, including necessary sleeping-car fare (July 1, 1898, vol. 30, p. 618; July 7, 1898, vol. 30, p. 673).....</p>	175,000.00	175,000.00	175,000.00
<p>NOTE.—In the administration of forest reserves, created under section 24 of the act of Mar. 3, 1891, the Secretary of the Interior is required by provisions in the sundry civil act, approved June 4, 1897, "to establish such service as will insure the objects of such reservations," to appoint competent persons to make examination and personal inspection of the lands embraced in such reserves, to ascertain the tracts therein which are "better adapted for mining or for agricultural purposes than for forest usage," in order that such tracts may "be restored to the public domain," to appoint experts to designate and appraise "so much of the dead, matured, or large growth of trees found upon such forest reservations as may be compatible with the utilization of the forests thereon," and to advertise and sell such timber, and to appoint proper persons to supervise the cutting and removal of such timber. To comply with the provisions of the act of June 4, 1897, cited above, the full amount of this estimate will be required. The estimate has been carefully considered, and is based upon the actual requirements of the service in the protection and administration of the forest reserves.</p>			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
COLLECTING THE REVENUE FROM SALES OF PUBLIC LANDS—continued.			
<i>Expenses of hearings in land entries.</i> —For expenses of hearings held by order of the Commissioner of the General Land Office to determine whether alleged fraudulent entries are of that character or have been made in compliance with law (July 1, 1898, vol. 30, p. 619) -----	\$8,000.00	\$8,000.00	\$3,000.00
NOTE.—The foregoing estimate is to defray the expenses of hearings ordered by the Commissioner of the General Land Office in cases of alleged fraudulent or illegal entries. These entries are suspended upon the reports of investigations made by special agents; hearings are then ordered to be held and all parties in interest notified thereof. The expenses to be borne by the United States are those of its own witnesses and the taking of testimony to establish the fraudulent or illegal character of the entry. The estimate has been increased \$3,000 over the amount appropriated for the current fiscal year, it being manifest from the number of cases in which hearings are now being ordered that the increase will be necessary for the next fiscal year.			
<i>Reproducing plats of surveys, General Land Office.</i> —To enable the Commissioner of the General Land Office to continue to reproduce worn and defaced official plats of surveys on file and other plats constituting a part of the records of said office, and to furnish local land offices with the same (July 1, 1898, vol. 30, p. 619) -----	2,500.00	2,500.00	2,500.00
<i>Classification of certain mineral lands in Montana and Idaho.</i> —For compensation of the 12 commissioners appointed under the act of Feb. 26, 1895 (23 Stat. L., 683), to examine and classify certain lands within the land-grant and indemnity land-grant limits of the Northern Pacific Railroad Co., in the States of Montana and Idaho, with special reference to the mineral or nonmineral character of such lands: <i>Provided</i> , That said commissioners shall be paid at the rate of \$10 a day each while actually engaged in the performance of their duties, and which amount shall include their transportation and subsistence expenses, and that the total amount of compensation to be paid to each commissioner annually shall in no case exceed the sum of \$2,500 (July 1, 1898, vol. 30, p. 619) -----	30,000.00		30,000.00
For publication of the monthly reports filed by said commissioners in the office of the register and receiver of the Bozeman, Helena, and Missoula land districts, in the State of Montana, and the Cœur d'Alene land district, in the State of Idaho; and for the expenses pertaining to hearings ordered by, and conducted before, said registers and receivers (July 1, 1898, vol. 30, p. 619) -----	10,000.00		10,000.00
For the payment of stenographers employed by said commissioners when authorized by the Commissioner of the General Land Office, for the purpose of reducing testimony to writing in cases where it is found necessary to examine witnesses in order to establish the character of lands examined by said commissioners (July 1, 1898, vol. 30, p. 619) -----	1,000.00	41,000.00	1,000.00
<i>Examinations of desert lands.</i> —To enable the Secretary of the Interior to examine, under such regulations and at such compensation as he may prescribe, the desert lands selected by the States under the provisions of section 4 of the act of Congress approved Aug. 18, 1894 (23 Stat. L., 422; July 1, 1898, vol. 30, p. 619) -----	3,000.00	3,000.00	3,000.00
NOTE.—It is estimated that this sum will be necessary for the examination of the lands that may be selected by the States under the provisions of said act during the ensuing fiscal year of 1900.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
<p>PRESERVATION OF RECORDS, RECORDER'S OFFICE, GENERAL LAND OFFICE.</p>			
<p>For continuing the work of rearranging, indexing, and preserving the records of the recorder's office of the General Land Office: <i>Provided</i>, That any balance remaining to the credit of the appropriation for this purpose for the current fiscal year of 1899 and uncontracted for on June 30, 1899, may be used during the fiscal year of 1900 for the purposes indicated (July 7, 1898, vol. 30, p. 673).....</p>	\$1,000.00	\$1,000.00	\$1,000.00
<p>Total.....</p>		953,000.00	940,000.00
<p>SURVEYING PUBLIC LANDS.</p>			
<p>For surveys and resurveys of public lands \$325,000, at rates not exceeding \$9 per linear mile for standard and meander lines, \$7 for township, and \$5 for section lines, except that the Commissioner of the General Land Office, may allow for the survey and resurvey of lands heavily timbered, mountainous, or covered with dense undergrowth, rates not exceeding \$13 per linear mile for standard and meander lines, \$11 for township, and \$7 for section lines; and in cases of exceptional difficulties in the surveys, where the work can not be contracted for at these rates, compensation for surveys and resurveys may be allowed by the said Commissioner at rates not exceeding \$18 per linear mile for standard and meander lines, \$15 for township, and \$12 for section lines: <i>Provided</i>, That in the States of California, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming, and the Territory of Arizona, there may be allowed for the survey and resurvey of lands heavily timbered, mountainous, or covered with dense undergrowth rates not exceeding \$25 per linear mile for standard and meander lines, \$23 for township, and \$20 for section lines: <i>Provided</i>, That section 2411 of the Revised Statutes of the United States, which authorizes per diem rates for public surveys in California and Oregon, is hereby made applicable to all other public land States and Territories where fragmentary surveys are applied for and where the same can not be executed at the rates of mileage allowed by law: <i>And also provided</i>, That hereafter all standard, meander, township, and other section lines of the public-land surveys, shall, as heretofore, be established under the direction and supervision of the Commissioner of the General Land Office, whether the lands to be surveyed are embraced in reservations of any character or otherwise. And the sum hereby appropriated is made a continuing appropriation and the same shall be available for the purposes designated until the appropriation shall have been exhausted (July 1, 1898, vol. 30, sec. 619)</p>	325,000.00	325,000.00	325,000.00
<p>And of the sum hereby appropriated there may be expended such an amount as the Commissioner of the General Land Office may deem necessary for examination of public surveys in the several surveying districts, by such competent surveyors as the Secretary of the Interior may select, in order to test the accuracy of the work in the field, and to prevent payment for fraudulent and imperfect surveys returned by deputy surveyors, and for examinations of surveys heretofore made and reported to be defective or fraudulent, and inspecting mineral deposits, coal fields, and timber districts, and for making such other surveys or examinations as may be required for identification of lands for purposes of evidence in any suit or proceeding in behalf of the United States. Clerks detailed by the Secretary of the Interior to examine surveys in the field shall be allowed per diem in</p>			

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
SURVEYING PUBLIC LANDS—continued.			
<p>Hou of subsistence at a rate to be fixed by the Secretary of the Interior not exceeding \$3 per day each and actual necessary expenses for transportation including necessary sleeping-car fares.</p>			
<p>NOTE.—I have deemed proper in the foregoing estimate to renew the recommendation made in the annual estimates of this office for the fiscal years 1898 and 1899 that the appropriation for surveying public lands be made a continuing appropriation available until the same shall be exhausted. It frequently occurs that, owing to unavoidable causes, surveys are so long delayed that final action thereon and upon the accounts of the deputy surveyors can not be taken until the appropriation has, under the law, lapsed to the Treasury, thus necessitating a reappropriation of the amount found due for work performed, and consequent long delays in payment, greatly to the detriment of the surveyors and to the service. Again it has been held by the Comptroller of the Treasury that when extensions of time on surveying contracts are granted after the expiration of the time fixed in the contracts for the completion of the work such extensions are in the nature of new contracts, and that the liability for services performed under such extension should be paid for out of the appropriations for the fiscal year in which such extensions were granted. Under such circumstances, that portion of the work executed under the extension being deemed chargeable to a later appropriation than that to which the contract was originally chargeable, the service loses the benefit of just so much of the prior appropriation, as the same is not available for new contracts after the expiration of the fiscal year for which the appropriation was made. If the surveying appropriations be made continuous, delayed surveys may be paid for any time, and the necessity for reappropriation of amounts found due to surveyors subsequent to the lapsing of an appropriation, as is now frequently the case, will be obviated and the work performed under extended contracts would still be payable from the appropriation to which such contracts were originally made chargeable, all of which would prove a source of great convenience to the General Land Office and to the accounting officers of the Treasury in settling surveyor's accounts. It is proper to state here that this recommendation is made upon the suggestion of the Comptroller of the Treasury, in a letter to the Secretary of the Interior dated March 23, 1895. The Comptroller stated that if the suggestion met with the Commissioner's approval his office would cooperate with this office in bringing about such a result. I most earnestly renew my recommendation of the adoption of the Comptroller's suggestion and trust that the same may be incorporated in the appropriation act. Attention is also invited to the clause in this estimate extending the provisions of section 2411 of the Revised Statutes of the United States—authorizing per diem rates for surveys in California and Oregon—to all public-land States and Territories where fragmentary surveys may be required; cases are continually arising in other States and Territories where surveys of islands and other fragmentary tracts are desired, and, owing to the very limited amount of field work required, in many cases, the legal rates per mile do not cover the actual cost of the work to the surveyor, hence it is sometimes impracticable to obtain the services of competent surveyors to do the work. I trust that this provision may be adopted.</p>			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
SURVEY OF PRIVATE LAND CLAIMS IN THE STATES OF COLORADO, NEVADA, WYOMING, UTAH, AND IN THE TERRITORIES OF ARIZONA AND NEW MEXICO.			
For the survey of private land claims in the States of Colorado, Nevada, Wyoming, and Utah, and in the Territories of Arizona and New Mexico, confirmed under the provisions of the act of Congress entitled "An act to establish a court of private land claims and to provide for the settlement of private land claims in certain States and Territories," approved Mar. 3, 1891, and for the survey of such private land claims heretofore confirmed as may be deemed necessary, \$15,000, said sum to be also available for office work on such surveys (July 1, 1898, vol. 30, p. 620).....	\$15,000.00	\$15,000.00	\$15,000.00
SURVEY, APPRAISAL, AND SALE OF ABANDONED MILITARY RESERVATIONS.			
For necessary expenses of survey, appraisal, and sale of abandoned military reservations transferred to the control of the Secretary of the Interior under the provisions of the act of Congress approved July 5, 1884, and any law prior thereto (July 1, 1898, vol. 30, p. 620).....	15,000.00	15,000.00	6,000.00
NOTE.—The contemplated survey of the Fort Buford abandoned military reservation in North Dakota and Montana will involve an expense of about \$11,000, and there are besides several small abandoned military reservations yet to be surveyed. The full amount estimated is needed.			
SALARY OF CUSTODIAN OF RUINS OF CASA GRANDE, ARIZONA.			
To pay salary of custodian of the ruins of Casa Grande, near Florence, Ariz. (July 1, 1898, vol. 30, p. 620).....	480.00	480.00	(a)
Total.....		355,480.00	346,000.00
SALARIES, OFFICES OF SURVEYORS-GENERAL.			
Alaska:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 309)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 309)....	5,000.00		
NOTE.—The estimate of \$5,000 for clerk hire is submitted as necessary for the proper transaction of the current official business of this office, including the examination of surveyor's returns, platting of same, and transcribing field notes. The increased appropriation for clerk hire is rendered necessary by reason of the additional work which will result from the Alaska act, approved May 15, 1898.		7,000.00	3,800.00
Arizona:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 309)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 309)....	5,000.00		
NOTE.—The estimate of \$5,000 for clerk hire is submitted as necessary for the proper transaction of the current work of this office.		7,000.00	7,000.00
California:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 309)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 309)....	12,000.00		
NOTE.—The estimate of \$12,000 for clerk hire is submitted as necessary for the transaction of the current work of the office, consisting of the preparation of surveying contracts and accompanying special instructions, the preparation of plats and transcribing		14,000.00	14,000.00

a Included in the appropriation of \$6,000 for survey of abandoned military reservations, 1899.

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
SALARIES, OFFICES OF SURVEYORS-GENERAL—Continued.			
of field notes, official correspondence, necessary work connected with swamp lands, and the miscellaneous business of the office.			
Colorado:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 309) ----	\$2,000.00	\$15,700.00	\$12,000.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 309) ----	13,700.00		
<p>NOTE.—The estimate of \$13,700 for clerk hire is submitted as necessary for the transaction of the current work of the office, official and general correspondence, and to enable the surveyor-general to comply with paragraph 42, page 16, of the general mining circular, approved Dec. 15, 1897, requiring the preparation of diagrams for the general and local land offices, showing the portions of 40-acre legal subdivisions made fractional by reason of mineral surveys. The surveyor-general reports that approved mineral surveys have, at this time, affected about 1,580 sections of the surveyed lands of the State; of this number diagrams of 480 have been prepared up to date, leaving about 1,100 sections of which segregation diagrams must be prepared, and this office will continue to fall further behind with this work each year until an increased appropriation for draftsmen for this class of work is made.</p>			
Florida:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 306) ----	1,800.00	3,000.00	3,000.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 309) ----	1,200.00		
<p>NOTE.—The estimate of \$1,200 for clerk hire is submitted as necessary for the transaction of the current business of this office.</p>			
Idaho:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310) ----	2,000.00	10,000.00	10,000.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310) ----	8,000.00		
<p>NOTE.—The estimate of \$8,000 for clerk hire is submitted as necessary for the prompt and proper transaction of the current work of the office and to bring up arrears of work. The present arrearage consists of office work on returns under surveying contracts aggregating \$20,000 liability. Contracts were awarded during the past fiscal year aggregating \$32,550, the returns of which will be due by June 30, 1899, and the office work on which must be performed during the fiscal year 1900.</p>			
Louisiana:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310) ----	1,800.00	8,800.00	8,800.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310) ----	7,000.00		
<p>NOTE.—The estimate of \$7,000 for clerk hire is submitted as necessary for the proper transaction of the public business; for continuing the exhibit of private land claims; preparation of patent plats in duplicate for the located confirmed private land claims for 5,569 claims; reprotraction or reproduction of township plats; examination and researches to prepare confirmed private land claims for survey and location; preparation of certificates for location of 805 private land claims to be issued under the act of June 2, 1858; indexing of records, and continuing the copying of original field notes torn and partly defaced by constant use during a long series of years.</p>			
Minnesota:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310) ----	1,800.00	3,800.00	3,800.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310) ----	2,000.00		
<p>NOTE.—The estimate of \$2,000 for clerk hire is submitted as necessary for the proper transaction of the current business of the office.</p>			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
SALARIES, OFFICES OF SURVEYORS-GENERAL—Continued.			
Montana:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310)....	\$2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310)....	11,000.00		
<p>NOTE.—The estimate of \$11,000 for clerk hire is submitted as necessary for the prompt and proper transaction of the current business of the office in connection with the surveys returned under the large apportionments made to this district from the annual surveying appropriations. The apportionment to Montana for the fiscal year 1899 is \$40,000, and the office work on surveys executed under this apportionment must necessarily be mostly performed during the fiscal year 1900.</p>		\$13,000.00	\$13,000.00
Nevada:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310)....	1,800.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310)....	1,500.00		
<p>NOTE.—The estimate of \$1,500 for clerk hire is submitted as necessary for the transaction of the current business of the office.</p>		3,300.00	3,300.00
New Mexico:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310)....	10,000.00		
<p>NOTE.—The estimate of \$10,000 for clerk hire is submitted as necessary for the prompt and proper transaction of the current office work pertaining to the survey of the public lands, for daily correspondence, and miscellaneous business of the office; for the largely increased work on account of the survey of small holding claims under the provisions of sections 16 and 17 of the act of Mar. 3, 1891, amended by the act of Feb. 21, 1893, and by act of June 23, 1898, and for the large amount of work connected with the Court of Private Land Claims.</p>		12,000.00	12,000.00
North Dakota:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310)....	5,500.00		
<p>NOTE.—The estimate of \$5,500 for clerk hire is submitted as necessary for the prompt and proper transaction of the current business of the office.</p>		7,500.00	7,500.00
Oregon:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310)....	7,250.00		
<p>NOTE.—The estimate of \$7,250 for clerk hire is submitted as necessary for the proper transaction of the current work pertaining to the survey of the public lands and the miscellaneous business of the office.</p>		9,250.00	9,250.00
South Dakota:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310)....	2,000.00		
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310)....	5,000.00		
<p>NOTE.—The estimate of \$5,000 for clerk hire is submitted as necessary for the proper transaction of the current business of the office and to bring up arrears of work, consisting of the proper filing, indexing, and annotating records of every kind, in order that they may be consulted with convenience and certainty; restoring faded and indistinct records; preparation of a contract and index diagram, and to enable the surveyor-general to comply with paragraph 42, page 16, of the General Mining Circular approved Dec. 15, 1897, requiring the preparation of diagrams for the general and local land offices showing the portions of 40-acre legal subdivisions made fractional by reason of mineral surveys.</p>		7,000.00	7,000.00

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
SALARIES, OFFICES OF SURVEYORS-GENERAL—continued.			
Utah:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310).....	\$2,000.00	\$8,000.00	\$8,000.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310).....	6,000.00		
<p>NOTE.—The estimate of \$6,000 for clerk hire is submitted as necessary for the proper transaction of the work of the office. There are outstanding contracts aggregating over \$20,000, upon which the field work is now in progress, a portion of the office work on which will probably have to be done during the ensuing fiscal year, and there are contracts aggregating over \$15,000 upon which the field work has not yet begun, and nearly if not all the office work on the latter contracts will fall in the fiscal year 1900. The amount submitted is absolutely required for the service.</p>			
Washington:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310).....	2,000.00	10,800.00	12,500.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310).....	8,800.00		
<p>NOTE.—The estimate of \$8,800 for clerk hire is submitted as necessary for the prompt dispatch of public business relating to the public land surveys in this district and for the miscellaneous business of the office. The amount submitted is in accordance with the estimate of the surveyor-general, and is \$1,700 less than the amount appropriated for the purpose of the fiscal year 1899.</p>			
Wyoming:			
Surveyor-general (Mar. 15, 1898, vol. 30, p. 310).....	2,000.00	8,800.00	8,800.00
Clerks in his office (Mar. 15, 1898, vol. 30, p. 310).....	6,800.00		
<p>NOTE.—The estimate of \$6,800 for clerk hire is submitted as necessary for the proper transaction of the office work connected with the public land surveys and the miscellaneous business of the office.</p>			
Total		148,450.00	143,250.00
CONTINGENT EXPENSES, OFFICES OF SURVEYORS-GENERAL.			
<p><i>Alaska.</i>—For rent of office for surveyor-general, pay of messenger, fuel, books, stationery, lights, binding of records, furniture, drafting instruments, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 309).....</p>	2,000.00	2,000.00	1,000.00
<p><i>Arizona.</i>—For rent of office for surveyor-general, pay of messenger, stationery, fuel, lights, printing, binding of records, drafting supplies and instruments, record cases, office furniture, new typewriter, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 309).....</p>	1,500.00	1,500.00	1,000.00
<p><i>California.</i>—For pay of messenger, stationery, binding, washing, telephone, repairing maps, repairs to locks, clocks, and typewriter, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 309).....</p>	1,500.00	1,500.00	1,500.00
<p><i>Colorado.</i>—For rent of office for surveyor-general, pay of messenger, stationery, binding and repairing records, and furniture repairs, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 309).....</p>	3,600.00	3,600.00	3,600.00
<p><i>Florida.</i>—For pay of messenger, stationery, and instruments, binding of records, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 309).....</p>	500.00	500.00	500.00
<p><i>Idaho.</i>—For rent of office for surveyor-general, pay of messenger, fuel, lights, typewriter, drafting instruments, stationery, printing, binding, new furniture, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....</p>	1,800.00	1,800.00	1,500.00
<p><i>Louisiana.</i>—For pay of messenger, stationery, binding of records, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....</p>	1,000.00	1,000.00	1,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1900, by the General Land Office—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1899.
CONTINGENT EXPENSES, OFFICES OF SURVEYORS-GENERAL—continued.			
<i>Minnesota.</i> —For pay of messenger, stationery, printing, binding, purchase of typewriter, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	\$800.00	\$800.00	\$500.00
<i>Montana.</i> —For rent of office for surveyor-general, pay of messenger, lights, post-office box, ice, washing, and incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,800.00	1,800.00	1,500.00
<i>Nevada.</i> —For rent of office for surveyor-general, pay of messenger, stationery, fuel, post-office box rent, drafting supplies, repairs, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	700.00	700.00	500.00
<i>New Mexico.</i> —For printing, stationery, drafting tools, plats, drawing papers, binding records, books, and plats, telephone, registration of letters, towels, soap, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,200.00	1,200.00	1,000.00
<i>North Dakota.</i> —For rent of office for surveyor-general, pay of messenger, stationery, printing and binding, lights, laundry, furniture and repairs, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,500.00	1,500.00	1,500.00
<i>Oregon.</i> —For pay of messenger, stationery, furniture, record books, binding field notes, ice, laundry, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,200.00	1,200.00	1,000.00
<i>South Dakota.</i> —For rent of office for surveyor-general, pay of messenger, stationery, drafting instruments, binding, furniture, laundry, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,700.00	1,700.00	1,500.00
<i>Utah.</i> —For rent of office for surveyor-general, pay of messenger, binding field notes and plats, stationery, typewriter, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,500.00	1,500.00	1,200.00
<i>Washington.</i> —For rent of office for surveyor-general, pay of messenger, binding records, stationery, furniture, books, blanks, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	2,000.00	2,000.00	2,000.00
<i>Wyoming.</i> —For rent of office for surveyor-general, pay of messenger, stationery, lights, ice, and other incidental expenses (Mar. 15, 1898, vol. 30, p. 310).....	1,000.00	1,000.00	1,200.00
Total	25,300.00	25,300.00	22,000.00

300 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted during the fiscal year ending June 30, 1898, at local land offices, and public lands sold in the States of Illinois, Indiana, and Ohio.

HUNTSVILLE, ALA.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sale of land at public auction	1	39.99	-----	-----	\$49.99
Excess payments on homestead, timber-culture, and other entries and locations.	146	135.06	-----	-----	168.99
Homestead entries commuted to cash under section 2301, Revised Statutes.....	4	[240.71]	-----	-----	300.89
Total cash sales	151	175.05	-----	-----	519.87
Original homestead entries.....	530	56,870.89	\$1,421.82	\$3,980.00	5,401.82
Final homestead entries	524	[59,838.09]	1,496.47	-----	1,496.47
Lands selected under grants to railroads.	2	240.46	-----	4.00	4.00
Amount received for reducing testimony to writing				621.19	621.19
Total of all classes of entries and amount received therefrom	1,207	57,236.40	2,918.29	4,365.19	8,043.35
Salaries, fees, and commissions of regis-ter and receiver					4,561.55
Expense of depositing					7.10
Incidental expenses.....					925.84
Total					5,494.49
Cash sales of Cherokee school lands.....	7	309.46			386.84

MONTGOMERY, ALA.

Excess payments on homestead, timber-culture, and other entries and locations. Act Mar. 2, 1895 (23 Stat. L., p. 814)	187	245.42	-----	-----	\$312.36
Additional payments	1	[160.12]	-----	-----	51.85
Homestead entries commuted to cash under section 2301, Revised Statutes.....	21	[126.00]	-----	-----	97.69
Homestead entries commuted to cash under section 2301, Revised Statutes.....	23	[2,160.79]	-----	-----	2,703.83
Homestead entries commuted to cash under section 2, act June 15, 1880	2	[79.67]	-----	-----	90.10
Total cash sales	234	245.42	-----	-----	3,255.83
Original homestead entries.....	798	83,677.50	\$2,094.33	\$5,990.00	8,084.33
Final homestead entries	626	[65,011.90]	1,627.32	-----	1,627.32
Lands selected under grants to railroads.	3	159.40	-----	6.00	6.00
Amount received for reducing testimony to writing				495.13	495.13
Total of all classes of entries and amount received therefrom	1,661	84,082.32	3,721.65	6,491.13	13,468.61
Salaries, fees, and commissions of regis-ter and receiver.....					5,287.83
Expense of depositing					7.85
Incidental expenses.....					1,883.07
Total					7,178.55

SITKA, ALASKA.

Sales of mineral lands	3	31.30	-----	-----	\$147.50
Total cash sales	3	31.30	-----	-----	147.50
Applications to purchase mineral lands..	6	-----	-----	\$60.00	60.00
Amount received for reducing testimony to writing				116.55	116.55
Total of all classes of entries and amount received therefrom	9	31.30	-----	176.55	324.05
Salaries, fees, and commissions of regis-ter and receiver.....					1,167.78
Incidental expenses.....					727.60
Total					1,895.38

Statement of the business transacted at local land offices, etc.—Continued.

PRESCOTT, ARIZ.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	9	1,158.80			\$3,041.00
Sales of mineral lands	20	575.47			2,882.50
Sales of land under act Aug. 23, 1894	1	[160.00]			280.00
Excess payments on homestead, timber-culture, and other entries and locations.	10	35.88			75.70
Original entries under the desert-land act	5	440.65			110.15
Final entries under the desert-land act	2	[318.42]			318.42
Homestead entries commuted to cash under section 2301, Revised Statutes	18	[2,592.21]			6,388.45
Total cash sales	65	2,210.75			13,096.22
Original homestead entries	142	20,890.09	\$1,379.15	\$1,330.00	2,709.15
Final homestead entries	41	[6,100.32]	365.02		365.02
Applications to purchase mineral lands	18			180.00	180.00
Mineral protests, adverse claims	3			30.00	30.00
Amount received for reducing testimony to writing				83.65	83.65
Total of all classes of entries and amount received therefrom	269	23,100.84	1,744.17	1,623.65	16,464.04
Salaries, fees, and commissions of register and receiver					3,299.68
Expense of depositing					56.50
Incidental expenses					558.94
Total					3,913.12

TUCSON, ARIZ.

Sales of mineral lands	6	473.24			\$2,380.00
Excess payments on homestead, timber-culture, and other entries and locations.	1	.73			.01
Original entries under the desert-land act	33	4,955.89			1,238.96
Final entries under the desert-land act	15	[2,640.00]			2,640.00
Homestead entries commuted to cash under section 2301, Revised Statutes	20	[1,197.02]			2,266.88
Timber-culture entries commuted under act Mar. 3, 1891	1	[80.00]			100.00
Total cash sales	76	5,429.80			8,628.25
Original homestead entries	141	19,284.14	\$723.16	\$1,270.00	1,993.16
Final homestead entries	76	[9,941.35]	372.78		372.78
Final entries under the timber-culture laws	2	[318.08]		8.00	8.00
Applications to purchase mineral lands	5			50.00	50.00
Mineral protests, adverse claims	1			10.00	10.00
Preemption declaratory statements	1			3.00	3.00
Soldiers' and sailors' homestead declaratory statements	1			3.00	3.00
Amount received for reducing testimony to writing				322.65	322.65
Total of all classes of entries and amount received therefrom	308	24,713.94	1,095.94	1,666.65	11,888.84
Salaries, fees, and commissions of register and receiver					2,665.10
Expense of depositing					23.55
Incidental expenses					417.64
Total					3,106.29

302 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

CAMDEN, ARK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	19	1,755.00			\$2,168.75
Excess payments on homestead, timber-culture, and other entries and locations.	46	187.43			234.30
Graduation entries.....	22	[1,658.40]			529.60
Homestead entries commuted to cash under section 2301, Revised Statutes...	19	[2,436.36]			3,045.45
Total cash sales.....	106	1,942.43			6,008.10
Original homestead entries.....	960	107,368.30	\$2,684.18	\$7,525.00	10,209.18
Final homestead entries.....	438	[51,413.06]	1,284.30		1,284.30
Applications to purchase coal lands.....	1			2.00	2.00
Soldiers' and sailors' homestead declaratory statements.....	6			12.00	12.00
Amount received for reducing testimony to writing.....				689.21	689.21
Total of all classes of entries and amount received therefrom.....	1,511	109,310.73	3,968.48	8,228.21	18,199.79
Salaries, fees, and commissions of register and receiver.....					5,407.45
Expense of depositing.....					17.00
Incidental expenses.....					1,150.64
Total.....					6,575.09

DARDANELLE, ARK.

Sales of land at public auction.....	1	40.00			\$50.00
Sales of town lots.....	22				9,261.50
Excess payments on homestead, timber-culture, and other entries and locations.	1	2.48			3.10
Homestead entries commuted to cash under section 2301, Revised Statutes...	1	[80.00]			100.00
Total cash sales.....	25	42.48			9,414.60
Original homestead entries.....	132	13,746.21	\$364.23	\$955.00	1,819.23
Final homestead entries.....	133	[16,372.93]	430.91		430.91
Lands selected under grants to railroads.	2	322.00		4.00	4.00
Amount received for reducing testimony to writing.....				251.23	251.23
Total of all classes of entries and amount received therefrom.....	292	14,110.69	795.14	1,210.23	11,419.97
Salaries, fees, and commissions of register and receiver.....					2,380.94
Expense of depositing.....					34.25
Incidental expenses.....					414.84
Total.....					2,830.03

Statement of the business transacted at local land offices, etc.—Continued.

HARRISON, ARK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of mineral lands.....	3	361.94	-----	-----	\$905.00
Excess payments on homestead, timber-culture, and other entries and locations.	66	211.24	-----	-----	264.15
Homestead entries commuted to cash under section 2301, Revised Statutes...	7	[438.66]	-----	-----	548.33
Total cash sales.....	76	573.18	-----	-----	1,717.48
Original homestead entries.....	1,061	123,057.34	\$3,076.46	\$8,405.00	11,481.46
Final homestead entries.....	602	[73,775.89]	1,844.47	-----	1,844.47
Applications to purchase mineral lands..	5	-----	-----	50.00	50.00
Soldiers' and sailors' homestead declaratory statements.....	2	-----	-----	4	4.00
Amount received for reducing testimony to writing, etc.....	-----	-----	-----	788.93	788.93
Total of all classes of entries and amount received therefrom.....	1,746	123,630.52	4,920.93	9,247.93	15,886.84
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	6,000.00
Expense of depositing.....	-----	-----	-----	-----	212.75
Incidental expenses.....	-----	-----	-----	-----	1,985.66
Total.....	-----	-----	-----	-----	8,198.41

LITTLE ROCK, ARK.

Sales of land at public auction.....	2	88.58	-----	-----	\$110.75
Excess payments on homestead, timber-culture, and other entries and locations.	15	52.74	-----	-----	65.89
Homestead entries commuted to cash under section 2301, Revised Statutes...	12	[1,409.58]	-----	-----	1,912.29
Graduation entry.....	1	-----	-----	-----	-----
Total cash sales.....	30	141.32	-----	-----	2,088.93
Original homestead entries.....	519	54,057.41	\$1,405.57	\$3,800.00	5,205.57
Final homestead entries.....	255	[27,913.85]	757.00	-----	757.00
Amount received for reducing testimony to writing.....	-----	-----	-----	557.21	557.21
Total of all classes of entries and amount received therefrom.....	804	54,198.73	2,162.57	4,357.21	8,608.71
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	3,761.56
Incidental expenses.....	-----	-----	-----	-----	1,864.76
Total.....	-----	-----	-----	-----	5,626.82

304 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

HUMBOLDT, CAL.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	3	207.90			\$259.87
Sales of timber and stone lands.....	7	520.22			1,300.55
Sales of mineral lands.....	5	377.91			947.50
Excess payments on homestead, timber-culture, and other entries and locations.....	4	18.58			23.23
Homestead entries commuted to cash under section 2301, Revised Statutes.....	5	[680.00]			850.00
Total cash sales.....	24	1,124.61			3,381.15
Original homestead entries.....	87	11,688.37	\$438.28	\$772.50	1,210.78
Final homestead entries.....	69	[10,348.21]	376.67		376.67
Original homestead entries, Klamath River Indian Reservation.....	3	258.09	9.67	17.50	27.17
Commissions on final homesteads, Klamath River Indian Reservation.....			15.69		15.69
State selections.....	7	600.00		14.00	14.00
Applications to purchase mineral lands.....	5			50.00	50.00
Applications to purchase timber and stone lands.....	9			90.00	90.00
Mineral protests, adverse claims.....	1			10.00	10.00
Amount received for reducing testimony to writing.....				266.19	266.19
Total of all classes of entries and amount received therefrom.....	205	13,671.07	840.31	1,220.19	5,441.65
Salaries, fees, and commissions of register and receiver.....					2,338.10
Expense of depositing.....					13.95
Incidental expenses.....					322.94
Total.....					2,674.99
Cash sales, Klamath River Indian Reservation timber and stone lands.....	2	53.98			134.95

INDEPENDENCE, CAL.

Sales of timber and stone lands.....	1	120.00			\$300.00
Sales of mineral lands.....	7	157.61			805.00
Excess payments on homestead, timber-culture, and other entries and locations.....	2	4.19			10.29
Original entries under the desert-land act.....	19	4,000.00			1,000.00
Final entries under the desert-land act.....	18	[4,219.72]			4,219.72
Homestead entries commuted to cash under section 2301, Revised Statutes.....	3	[400.00]			500.00
Total cash sales.....	50	4,281.80			6,835.01
Original homestead entries.....	25	3,395.06	\$139.31	\$225.00	364.31
Final homestead entries.....	29	[4,239.90]	187.47		187.47
Final entries under the timber-culture laws.....	2	[160.00]		8.00	8.00
Lands selected under grants to railroads.....	5	720.00		10.00	10.00
State selections.....	66	8,854.65		132.00	132.00
Applications to purchase mineral lands.....	9			90.00	90.00
Applications to purchase timber and stone lands.....	1			10.00	10.00
Mineral protests, adverse claims.....	1			10.00	10.00
Amount received for reducing testimony to writing.....				180.22	180.22
Total of all classes of entries and amount received therefrom.....	188	17,251.51	326.78	665.22	7,827.01
Salaries, fees, and commissions of register and receiver.....					1,903.60
Incidental expenses.....					245.76
Total.....					2,149.36

Statement of the business transacted at local land offices, etc.—Continued.

LOS ANGELES, CAL.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands	8	496.71			\$1,241.75
Sales of mineral lands	4	246.75			797.50
Act Mar. 3, 1887	1	320.00			400.00
Additional payment .....					.21
Excess payments on homestead, timber-culture, and other entries and locations.	30	96.79			183.99
Original entries under the desert-land act	3	580.00			140.00
Final entries under the desert-land act.	7	[920.00]			920.00
Homestead entries commuted to cash under section 2301, Revised Statutes.	16	[1,969.51]			2,844.78
Timber-culture entries commuted under act Mar. 3, 1891	5	[603.72]			750.00
Total cash sales	74	1,720.25			7,278.23
Original homestead entries	232	30,885.13	\$1,506.74	\$2,060.00	3,566.74
Final homestead entries	264	[36,935.98]	2,021.22		2,021.22
Final entries under the timber-culture laws	17	[1,944.94]		68.00	68.00
Lands selected under grants to railroads.	98	15,058.21		196.00	196.00
State selections	85	9,964.17		170.00	170.00
Applications to purchase mineral lands.	10			100.00	100.00
Applications to purchase timber and stone lands	8			80.00	80.00
Mineral protests, adverse claims.	1			10.00	10.00
Amount received for reducing testimony to writing				767.84	767.84
Total of all classes of entries and amount received therefrom	789	57,627.76	3,527.96	3,451.84	14,258.03
Salaries, fees, and commissions of register and receiver					5,981.95
Incidental expenses					2,756.37
Total					8,738.32

MARYSVILLE, CAL.

Sales of land at public auction	1	160.00			\$200.00
Sales of timber and stone lands	3	355.83			889.58
Sales of mineral lands	7	346.82			925.00
Excess payments on homestead, timber-culture, and other entries and locations.	1	.68			1.70
Homestead entries commuted to cash under section 2301, Revised Statutes.	2	[175.48]			244.35
Total cash sales	14	863.33			2,260.63
Original homestead entries	50	6,424.20	\$325.76	\$430.00	755.76
Final homestead entries	61	[8,040.39]	401.97		401.97
State selections	29	3,900.02		57.00	57.00
Applications to purchase mineral lands.	5			50.00	50.00
Applications to purchase timber and stone lands	3			30.00	30.00
Amount received for reducing testimony to writing				336.70	336.70
Total of all classes of entries and amount received therefrom	162	11,187.55	727.73	903.70	3,892.06
Salaries, fees, and commissions of register and receiver					2,246.63
Expense of depositing					3.25
Incidental expenses					324.00
Total					2,573.87

306 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

REDDING, CAL.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	2	120.00			\$150.00
Sales of timber and stone lands	9	758.10			1,895.26
Sales of mineral lands	28	1,318.06			4,637.50
Excess payments on homestead, timber-culture, and other entries and locations	5	9.64			19.06
Homestead entries commuted to cash under section 2301, Revised Statutes	1	[160.00]			400.00
Timber-culture entries commuted under act Mar. 3, 1891	4	[402.32]			502.90
Total cash sales	49	2,205.80			7,004.75
Original homestead entries	109	14,603.89	\$840.94	\$970.00	1,810.94
Final homestead entries	111	[16,340.72]	957.51		857.51
Lands selected under grants to railroads	6	820.38		12.00	12.00
State selections	72	8,895.44		144.00	144.00
Indian allotments	6	805.68			
Applications to purchase mineral lands	37			370.00	370.00
Applications to purchase timber and stone lands	9			90.00	90.00
Mineral protests, adverse claims	8			80.00	80.00
Amount received for reducing testimony to writing				351.08	351.08
Total of all classes of entries and amount received therefrom	407	27,381.19	1,798.45	2,017.08	11,420.28
Salaries, fees, and commissions of register and receiver					4,027.73
Expense of depositing					20.35
Incidental expenses					318.21
Total					4,366.29

SACRAMENTO, CAL.

Sales of land at public auction	5	239.25			\$449.06
Sales of timber and stone lands	8	870.99			2,177.48
Sales of mineral lands	35	1,333.65			4,602.50
Excess payments on homestead, timber-culture, and other entries and locations	4	9.06			12.63
Homestead entries commuted to cash under section 2301, Revised Statutes	2	[240.00]			300.00
Total cash sales	54	2,452.95			7,541.67
Original homestead entries	101	14,662.02	\$628.44	\$950.00	1,578.44
Final homestead entries	84	[11,178.03]	521.08		521.08
State selections	34	3,629.04		68.00	68.00
Applications to purchase mineral lands	47			470.00	470.00
Applications to purchase timber and stone lands	6			60.00	60.00
Mineral protests, adverse claims	10			100.00	100.00
Amount received for reducing testimony to writing				732.20	732.20
Total of all classes of entries and amount received therefrom	336	20,754.01	1,149.52	2,380.20	11,071.39
Salaries, fees, and commissions of register and receiver					3,730.50
Expense of depositing					12.95
Incidental expenses					12.80
Total					3,756.25

Statement of the business transacted at local land offices, etc.—Continued.

SAN FRANCISCO, CAL.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	7	934.67	-----	-----	\$1,188.36
Sales of land at public auction.	16	786.72	-----	-----	1,007.84
Sales of timber and stone lands	3	241.98	-----	-----	604.95
Sales of mineral lands.	2	240.00	-----	-----	600.00
Act Sept. 29, 1890	4	663.94	-----	-----	400.00
Excess payments on homestead, timber-culture, and other entries and locations.	04	339.01	-----	-----	433.76
Homestead entries commuted to cash under section 2301, Revised Statutes	31	[3,601.77]	-----	-----	4,499.87
Timber-culture entries commuted under act Mar. 3, 1891	4	[440.00]	-----	-----	550.00
Total cash sales.	161	3,206.32	-----	-----	9,284.78
Original homestead entries.	517	75,448.62	\$3,037.13	\$4,890.00	7,927.13
Final homestead entries	558	[83,509.47]	3,270.93	-----	3,270.93
Final entries under the timber-culture laws	5	[742.86]	-----	20.00	20.00
Lands selected under grants to railroads	3	261.60	-----	6.00	6.00
State selections	169	16,395.27	-----	338.00	338.00
Applications to purchase mineral lands	2	-----	-----	20.00	20.00
Applications to purchase coal lands	14	-----	-----	42.00	42.00
Applications to purchase timber and stone lands	3	-----	-----	30.00	30.00
Preemption declaratory statements	2	-----	-----	6.00	6.00
Amount received for reducing testimony to writing	-----	-----	-----	1,129.98	1,129.98
Total of all classes of entries and amount received therefrom	1,434	95,311.81	6,308.06	6,481.98	22,054.32
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Incidental expenses	-----	-----	-----	-----	2,458.56
Total	-----	-----	-----	-----	8,458.56

STOCKTON, CAL.

Sales of land at public auction	3	480.00	-----	-----	\$800.00
Sales of timber and stone lands	6	428.83	-----	-----	1,072.07
Sales of mineral lands	22	817.11	-----	-----	3,107.60
Excess payments on homestead, timber-culture, and other entries and locations.	9	37.80	-----	-----	47.00
Homestead entries commuted to cash under section 2301, Revised Statutes	6	[880.00]	-----	-----	1,100.00
Total cash sales.	51	1,763.54	-----	-----	5,926.57
Original homestead entries	121	17,637.98	\$661.42	\$1,140.00	1,801.42
Final homestead entries	91	[13,796.37]	529.36	-----	529.36
State selections	49	3,834.95	-----	98.00	98.00
Indian allotments	3	640.00	-----	-----	-----
Applications to purchase mineral lands	29	-----	-----	290.00	290.00
Applications to purchase timber and stone lands	6	-----	-----	60.00	60.00
Mineral protests, adverse claims	4	-----	-----	40.00	40.00
Amount received for reducing testimony to writing	-----	-----	-----	908.56	908.56
Total of all classes of entries and amount received therefrom	354	23,876.47	1,190.78	2,536.56	9,653.91
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	3,600.68
Expenses of depositing	-----	-----	-----	-----	14.40
Incidental expenses	-----	-----	-----	-----	385.52
Total	-----	-----	-----	-----	3,980.60

308 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

SUSANVILLE, CAL.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands.....	8	675.04			\$1,687.00
Excess payments on homestead, timber-culture, and other entries and locations.....	5	11.44			14.30
Original entries under the desert-land act.....	17	1,840.00			460.00
Final entries under the desert-land act.....	15	[2,148.78]			2,148.78
Homestead entries commuted to cash under section 2301, Revised Statutes.....	1	[40.00]			50.00
Total cash sales.....	46	2,526.48			4,800.88
Original homestead entries.....	78	11,500.36	\$443.29	\$735.00	1,178.29
Final homestead entries.....	70	[10,468.92]	380.85		880.85
Final entries under the timber-culture laws.....	6	[708.72]		24.00	24.00
State selections.....	15	1,841.71		30.00	30.00
Indian allotments.....	14	1,995.48			
Applications to purchase timber and stone lands.....	8			80.00	80.00
Amount received for reducing testimony to writing.....				250.56	250.56
Total of all classes of entries and amount received therefrom.....	237	17,864.03	824.14	1,119.56	6,304.38
Salaries, fees, and commissions of register and receiver.....					2,373.70
Expense of depositing.....					1.20
Incidental expenses.....					238.87
Total.....					2,613.77

VISALIA, CAL.

Sales of land at public auction.....	2	120.00			\$150.00
Sales of timber and stone lands.....	1	80.00			200.00
Sales of mineral lands.....	1	160.00			400.00
Excess payments on homestead, timber-culture, and other entries and locations.....	10	58.50			86.90
Final entries under the desert-land act.....	9	[2,273.00]			4,874.25
Homestead entries commuted to cash under section 2301, Revised Statutes.....	8	[924.59]			1,555.74
Timber-culture entries commuted under act Mar. 3, 1891.....	2	[289.39]			361.74
Total cash sales.....	33	418.59			7,628.63
Original homestead entries.....	120	17,799.28	\$1,008.40	\$1,160.00	2,168.40
Final homestead entries.....	211	[30,835.80]	1,874.57		1,874.57
Final entries under the timber-culture laws.....	45	[8,983.03]		180.00	180.00
Lands selected under grants to railroads.....	24	3,543.80		48.00	48.00
State selections.....	45	6,016.47		90.00	90.00
Indian allotments.....	2	180.00			
Applications to purchase mineral lands.....	1			10.00	10.00
Applications to purchase timber and stone lands.....	1			10.00	10.00
Soldiers' and sailors' homestead declaratory statements.....	1			3.00	3.00
Amount received for reducing testimony to writing.....				837.67	837.67
Total of all classes of entries and amount received therefrom.....	483	27,938.14	2,882.97	2,338.67	12,850.27
Salaries, fees, and commissions of register and receiver.....					5,220.10
Incidental expenses.....					324.88
Total.....					5,544.98

Statement of the business transacted at local land offices, etc.—Continued.

AKRON, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations.	9	21.34			\$25.48
Original entries under the desert-land act	5	556.96			139.24
Total cash sales	14	578.30			164.72
Original homestead entries	60	9,189.30	\$344.58	\$585.00	929.58
Final homestead entries	92	[14,398.80]	540.17		540.17
Final entries under the timber-culture laws	103	[16,457.71]		412.00	412.00
Amount received for reducing testimony to writing				551.12	551.12
Total of all classes of entries and amount received therefrom	269	9,767.60	884.75	1,548.12	2,507.59
Salaries, fees, and commissions of register and receiver					2,851.18
Expense of depositing					3.60
Incidental expenses					183.68
Total					3,038.46

DEL NORTE, COLO.

Sales of mineral lands	12	320.58			\$1,575.00
Excess payments on homestead, timber-culture, and other entries and locations.	3	16.93			21.16
Original entries under the desert-land act	4	641.86			160.47
Final entries under the desert-land act	8	[1,601.13]			1,601.13
Homestead entries commuted to cash under section 2301, Revised Statutes	3	[480.00]			600.00
Timber-culture entries commuted under act Mar. 3, 1891	1	[160.00]			200.00
Total cash sales	31	979.37			4,157.76
Original homestead entries	74	10,857.22	\$407.14	\$705.00	1,112.14
Final homestead entries	37	[5,514.73]	206.80		206.80
Final entries under the timber-culture laws	14	[1,992.64]		56.00	56.00
Applications to purchase mineral lands	13			130.00	130.00
Mineral protests, adverse claims	11			110.00	110.00
Amount received for reducing testimony to writing				220.88	220.88
Total of all classes of entries and amount received therefrom	180	11,836.59	613.94	1,221.88	5,993.58
Salaries, fees, and commissions of register and receiver					2,213.86
Expense of depositing					5.00
Incidental expenses					251.23
Total					2,470.09

310 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

DENVER, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land under act Mar. 3, 1887.....	1	80.00	-----	-----	\$200.00
Sales of land subject to preemption entry.....	1	80.00	-----	-----	200.00
Sales of land at public auctions.....	15	842.71	-----	-----	1,153.42
Sales of timber and stone land.....	6	680.00	-----	-----	1,700.00
Sales of mineral lands, including 3 supplemental entries.....	186	2,932.43	-----	-----	12,540.00
Sales of coal lands, act of Sept. 30, 1890.....	1	160.00	-----	-----	200.00
Sales of town sites.....	1	160.00	-----	-----	200.00
Excess payments on homestead, timber-culture, and other entries and locations.....	41	118.41	-----	-----	190.10
Original entries under the desert-land act.....	27	4,220.56	-----	-----	1,055.84
Final entries under the desert-land act.....	13	[2,318.49]	-----	-----	2,318.49
Homestead entries commuted to cash under section 2301, Revised Statutes.....	22	[2,601.88]	-----	-----	3,944.38
Timber-culture entries commuted under act Mar. 3, 1891.....	3	[320.00]	-----	-----	400.00
Total cash sales.....	317	9,274.11	-----	-----	24,102.28
Original homestead entries.....	495	73,383.51	\$3,702.14	\$4,700.00	8,402.14
Final homestead entries.....	170	[25,959.73]	1,427.81	-----	1,427.81
Final entries under the timber-culture laws.....	53	{ [7,785.93] [960.00] }	-----	212.00	212.00
Lands entered with military bounty land warrants.....	8	120.00	-----	27.00	27.00
Lands entered with agricultural college scrip.....	1	160.00	-----	4.00	4.00
Lands entered with private land scrip.....	1	160.00	-----	-----	-----
Lands selected under grants to railroads.....	170	27,169.00	-----	340.00	340.00
State selections.....	1	160.00	-----	2.00	2.00
Applications to purchase mineral lands.....	166	-----	-----	1,660.00	1,660.00
Applications to purchase coal lands.....	11	-----	-----	33.00	33.00
Applications to purchase timber and stone lands.....	5	-----	-----	50.00	50.00
Mineral protests, adverse claims.....	36	-----	-----	360.00	360.00
Soldiers and sailors' homestead declaratory statements.....	6	-----	-----	18.00	18.00
Amount received for reducing testimony to writing.....	-----	-----	-----	763.82	763.82
Total of all classes of entries and amount received therefrom.....	1,440	110,426.62	5,129.95	8,169.82	37,402.00
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	6,000.00
Incidental expenses.....	-----	-----	-----	-----	2,150.00
Total.....	-----	-----	-----	-----	-8,150.00

Statement of the business transacted at local land offices, etc.—Continued.

DURANGO, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands	20	2,259.03			\$5,647.58
Sales of mineral lands	50	761.32			3,915.00
Excess payments on homestead, timber-culture, and other entries and locations	6	16.39			20.50
Homestead entries commuted to cash under section 2301, Revised Statutes	9	[1,382.63]			1,720.79
Total cash sales	85	3,036.74			11,303.87
Original homestead entries	74	10,798.44	\$404.99	\$690.00	1,094.99
Final homestead entries	55	[8,327.51]	312.33		312.33
Applications to purchase mineral lands	49			490.00	490.00
Applications to purchase coal lands	11			33.00	33.00
Applications to purchase timber and stone lands	20			200.00	200.00
Mineral protests, adverse claims	27			270.00	270.00
Preemption declaratory statements	1			3.00	3.00
Amount received for reducing testimony to writing				209.31	209.31
Total of all classes of entries and amount received therefrom	322	13,835.18	717.32	1,895.31	13,916.50
Salaries, fees, and commissions of register and receiver					3,158.40
Expense of depositing					9.20
Incidental expenses					419.84
Total					3,587.44
Sales Ute Indian lands, preemptions	3	388.44			485.55

GLENWOOD SPRINGS, COLO.

Sales of mineral lands	8	129.01			\$660.00
Sales of coal lands	1	40.00			400.00
Excess payments on homestead, timber-culture, and other entries and locations	4	10.58			13.24
Original entries under the desert-land act	5	522.05			130.52
Final entries under the desert-land act	10	[1,475.88]			1,475.88
Total cash sales	28	701.64			2,679.64
Original homestead entries	54	7,568.13	\$283.84	\$490.00	773.84
Final homestead entries	34	[5,372.47]	201.48		201.48
Final entries under the timber-culture laws	2	[320.00]		8.00	8.00
Applications to purchase mineral lands	16			160.00	160.00
Applications to purchase coal lands	73			219.00	219.00
Applications to purchase timber and stone lands	6			60.00	60.00
Mineral protests, adverse claims	6			60.00	60.00
Preemption declaratory statements	72			216.00	216.00
Amount received for reducing testimony to writing				336.21	336.21
Total of all classes of entries and amount received therefrom	291	8,269.77	485.32	1,549.21	4,714.17
Salaries, fees, and commissions of register and receiver					3,005.02
Incidental expenses					140.00
Total					3,145.02
Cash sales, Ute lands:					
Preemption	35	4,176.64			5,220.80
Timber and stone	6	680.00			1,700.00
Mineral	6	87.28			312.50
Original desert	23	2,437.74			609.44
Final desert	26	[2,902.62]			2,902.62
Coal	5	480.00			9,600.00
Total	101	7,861.66			20,345.36

312 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

GUNNISON, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of mineral lands	31	858.65	-----	-----	\$4,067.50
Excess payments on homestead, timber-culture, and other entries and locations	1	25	-----	-----	32
Original entries under the desert-land act	1	40.00	-----	-----	10.00
Final entries under the desert-land act	2	[200.00]	-----	-----	200.00
Homestead entries commuted to cash under section 2301, Revised Statutes	1	[160.00]	-----	-----	200.00
Total cash sales	36	898.90	-----	-----	4,477.82
Original homestead entries	14	1,437.00	\$54.00	\$105.00	159.00
Final homestead entries	5	[800.00]	30.00	-----	30.00
Final entries under the timber-culture laws	2	[320.00]	-----	8.00	8.00
Applications to purchase mineral lands	37	-----	-----	370.00	370.00
Applications to purchase coal lands	102	-----	-----	306.00	306.00
Applications to purchase timber and stone lands	1	-----	-----	10.00	10.00
Mineral protests, adverse claims	5	-----	-----	50.00	50.00
Preemption declaratory statements	17	-----	-----	51.00	51.00
Amount received for reducing testimony to writing	-----	-----	-----	316.91	316.91
Total of all classes of entries and amount received therefrom	219	2,335.90	84.00	1,216.91	5,778.73
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	2,407.63
Expense of depositing	-----	-----	-----	-----	.80
Incidental expenses	-----	-----	-----	-----	160.16
Total	-----	-----	-----	-----	2,568.09
Cash sales, Ute Indian lands:	-----	-----	-----	-----	-----
Preemption entries	10	839.52	-----	-----	1,049.40
Timber and stone lands	1	160.33	-----	-----	400.83
Mineral land	6	57.81	-----	-----	300.00
Original entries under the desert-land act	2	160.00	-----	-----	40.00
Final entries under the desert-land act	4	[320.00]	-----	-----	320.00
Coal land	2	200.00	-----	-----	4,000.00
Total	25	1,417.16	-----	-----	6,110.23

HUGO, COLO.

Excess payments on homestead, timber-culture, and other entries and locations	3	1.59	-----	-----	\$3.67
Original entries under the desert-land act	6	531.36	-----	-----	132.84
Final entries under the desert-land act	1	[80.43]	-----	-----	80.43
Homestead entries commuted to cash under section 2301, Revised Statutes	1	[160.00]	-----	-----	400.00
Total cash sales	11	532.95	-----	-----	616.94
Original homestead entries	19	2,878.81	\$167.91	\$180.00	347.91
Final homestead entries	14	[2,199.33]	128.97	-----	128.97
Final entries under the timber-culture laws	38	[6,043.73]	-----	152.00	152.00
Lands selected under grants to railroads	10	1,460.97	-----	20.00	20.00
Amount received for reducing testimony to writing	-----	-----	-----	222.59	222.59
Total of all classes of entries and amount received therefrom	92	4,872.73	296.88	574.59	1,488.41
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	1,703.78
Expense of depositing	-----	-----	-----	-----	3.80
Incidental expenses	-----	-----	-----	-----	288.59
Total	-----	-----	-----	-----	1,976.17

Statement of the business transacted at local land offices, etc.—Continued.

LAMAR, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations.	7	20.06	-----	-----	\$25.08
Original entries under the desert-land act	16	2,720.36	-----	-----	680.10
Final entries under the desert-land act	12	[1,953.55]	-----	-----	1,953.55
Homestead entries commuted to cash under section 2301, Revised Statutes.	3	[360.00]	-----	-----	450.00
Timber-culture entry commuted under act Mar. 3, 1891	1	[160.00]	-----	-----	200.00
Total cash sales	39	2,740.42	-----	-----	3,308.73
Original homestead entries	66	10,131.88	\$379.86	\$635.00	1,014.86
Final homestead entries	40	[5,981.94]	229.97	-----	229.97
Final entries under the timber-culture laws	35	[5,578.39]	-----	140.00	140.00
Amount received for reducing testimony to writing	-----	-----	-----	190.98	190.98
Total of all classes of entries and amount received therefrom	180	12,872.30	609.83	965.98	4,884.54
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	2,006.86
Incidental expenses	-----	-----	-----	-----	238.79
Total	-----	-----	-----	-----	2,245.65

LEADVILLE, COLO.

Sales of land subject to preemption entry	1	40.11	-----	-----	\$50.15
Sales of land at public auction	1	1,124.93	-----	-----	2,812.35
Sales of timber and stone lands	1	80.00	-----	-----	200.00
Sales of mineral lands	159	5,239.25	-----	-----	21,670.00
Original entries under the desert-land act	1	160.00	-----	-----	40.00
Homestead entries commuted to cash under section 2301, Revised Statutes	1	[160.00]	-----	-----	200.00
Total cash sales	164	6,644.29	-----	-----	24,972.50
Original homestead entries	24	3,600.00	\$135.00	\$230.00	365.00
Final homestead entries	18	[2,640.00]	99.00	-----	99.00
Applications to purchase mineral lands	155	-----	-----	1,550.00	1,550.00
Applications to purchase coal lands	1	-----	-----	3.00	3.00
Applications to purchase timber and stone lands	1	-----	-----	10.00	10.00
Mineral protests, adverse claims	29	-----	-----	290.00	290.00
Amount received for reducing testimony to writing	-----	-----	-----	223.96	223.96
Total of all classes of entries and amount received therefrom	392	10,244.29	234.00	2,306.96	27,513.46
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	3,810.36
Expense of depositing	-----	-----	-----	-----	20.20
Incidental expenses	-----	-----	-----	-----	395.61
Total	-----	-----	-----	-----	4,226.17

314 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

MONTROSE, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of mineral lands.....	22	601.89			\$2,002.50
Excess payments on homestead, timber-culture, and other entries and locations.....	1	11.11			13.89
Homestead entries commuted to cash under section 2301, Revised Statutes.....	1	[160.00]			200.00
Total cash sales.....	24	613.00			2,216.39
Original homestead entries.....	33	4,959.70	\$186.00	\$315.00	501.00
Final homestead entries.....	18	[2,000.82]	75.00		75.00
Final entries under the timber-culture laws.....	1	[80.00]		4.00	4.00
Applications to purchase mineral lands.....	24			240.00	240.00
Applications to purchase coal lands.....	28			84.00	84.00
Mineral protests, adverse claims.....	3			30.00	30.00
Preemption declaratory statements.....	130			390.00	390.00
Amount received for reducing testimony to writing.....				1,023.17	1,023.17
Total of all classes of entries and amount received therefrom.....	256	5,572.70	261.00	2,086.17	4,563.56
Salaries, fees, and commissions of register and receiver.....					3,302.63
Incidental expenses.....					240.46
Total.....					3,543.09
Cash sales—Ute Indian lands:					
Preemptions.....	47	4,718.58			5,898.24
Original entries under the desert-land act.....	50	4,974.81			1,243.72
Final entries under the desert-land act.....	32	[4,778.19]			4,778.19
Total.....	129	9,693.39			11,920.15

PUEBLO, COLO.

Sales of land subject to preemption entry.....	1	40.33			\$50.41
Sales of land at public auction.....	9	460.24			575.54
Sales of timber and stone lands.....	4	400.60			1,001.50
Sales of mineral lands.....	471	6,839.07			33,592.50
Sales of coal lands.....	3	120.56			2,411.20
Supplemental payments.....	2	[77.08]			10.88
Excess payments on homestead, timber-culture, and other entries and locations.....	29	139.29			177.73
Original entries under the desert-land act.....	3	360.00			90.00
Final entries under the desert-land act.....	18	[3,280.50]			3,280.50
Homestead entries commuted to cash under section 2301, Revised Statutes.....	7	[844.04]			1,051.30
Timber-culture entries commuted under act Mar. 3, 1891.....	1	[155.20]			194.00
Total cash sales.....	548	8,360.09			42,435.56
Original homestead entries.....	317	47,856.81	\$1,806.48	\$3,050.00	4,856.48
Final homestead entries.....	179	[27,235.38]	1,021.34		1,021.34
Final entries under the timber-culture laws.....	38	[5,989.89]		152.00	152.00
State selections.....	446	70,691.85		892.00	892.00
Applications to purchase mineral lands.....	202			2,020.00	2,020.00
Applications to purchase coal lands.....	51			93.00	93.00
Applications to purchase timber and stone lands.....	4			40.00	40.00
Mineral protests, adverse claims.....	68			680.00	680.00
Soldiers' and sailors' homestead declaratory statements.....	1			3.00	3.00
Amount received for reducing testimony to writing.....				654.32	654.32
Total of all classes of entries and amount received therefrom.....	1,834	126,908.75	2,827.82	7,584.32	52,847.70
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					4,113.70
Total.....					10,113.70

Statement of the business transacted at local land offices, etc.—Continued.

STERLING, COLO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	1	80.00	-----	-----	\$100.00
Excess payments on homestead, timber-culture, and other entries and locations.	4	5.61	-----	-----	11.81
Original entries under the desert-land act	7	599.82	-----	-----	149.96
Final entries under the desert-land act.	3	[400.00]	-----	-----	400.00
Homestead entries commuted to cash under section 2301, Revised Statutes...	1	[40.00]	-----	-----	100.00
Total cash sales.....	16	685.43	-----	-----	761.77
Original homestead entries.....	68	10,151.33	\$435.61	\$645.00	1,080.61
Final homestead entries.....	67	[10,456.66]	478.16	-----	478.16
Final entries under the timber-culture laws.....	44	[6,919.95]	-----	176.00	176.00
Amount received for reducing testimony to writing.....	-----	-----	-----	338.29	338.29
Total of all classes of entries and amount received therefrom.....	195	10,886.76	913.77	1,159.29	2,834.83
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	2,443.29
Expense of depositing.....	-----	-----	-----	-----	3.60
Incidental expenses.....	-----	-----	-----	-----	307.28
Total.....	-----	-----	-----	-----	2,764.17

GAINESVILLE, FLA.

Sales of abandoned military reservations (acts Aug. 23, 1894, and Feb. 15, 1895).....	1	[60.50]	-----	-----	\$331.50
Excess payments on homestead, timber-culture, and other entries and locations.	214	207.49	-----	-----	270.62
Homestead entries commuted to cash under section 2301, Revised Statutes...	13	[1,195.69]	-----	-----	1,493.53
Total cash sales.....	228	207.49	-----	-----	2,095.65
Original homestead entries.....	801	92,046.12	\$2,301.54	\$6,350.00	8,651.54
Final homestead entries.....	602	[77,528.60]	1,948.91	-----	1,948.91
Lands entered with private land script..	1	40.00	-----	-----	-----
Lands selected under grants to railroads.	2	277.41	-----	4.00	4.00
State selections.....	9	1,300.48	-----	18.00	18.00
Amount received for reducing testimony to writing.....	-----	-----	-----	708.62	708.62
Total of all classes of entries and amount received therefrom.....	1,643	93,871.50	4,250.45	7,080.62	13,426.72
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	5,923.06
Expense of depositing.....	-----	-----	-----	-----	9.20
Incidental expenses.....	-----	-----	-----	-----	3,034.89
Total.....	-----	-----	-----	-----	8,967.15

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Statement of the business transacted at local land offices, etc.—Continued.

BLACKFOOT, IDAHO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	1	160.00			\$200.00
Additional payment.					.40
Sales of town sites	1	80.00			100.00
Excess payments on homestead, timber-culture, and other entries and locations.	29	71.12			89.02
Original entries under the desert-land act	146	18,423.90			4,006.17
Final entries under the desert-land act.	53	[6,786.17]			6,786.50
Homestead entries commuted to cash under section 2301, Revised Statutes.	5	[680.00]			850.00
Timber-culture entries commuted under act Mar. 3, 1891.	1	[120.00]			150.00
Total cash sales	236	18,735.02			12,794.09
Original homestead entries.	446	66,381.48	\$2,492.21	\$4,275.00	6,787.21
Final homestead entries.	245	[36,241.40]	1,365.68		1,365.68
Final entries under the timber-culture laws	15	[2,108.89]		60.00	60.00
Lands entered with military bounty land warrants	2	320.00		8.00	8.00
Applications to purchase coal lands	1			3.00	3.00
Preemption declaratory statements	3			9.00	9.00
Amount received for reducing testimony to writing				671.60	671.60
Total of all classes of entries and amount received therefrom	948	85,436.50	3,857.89	5,026.60	21,678.58
Salaries, fees, and commissions of register and receiver					5,745.09
Expense of depositing					32.55
Incidental expenses					1,259.90
Total					7,036.94

BOISE CITY, IDAHO.

Sales of land subject to preemption entry.	3	479.29			\$599.11
Sales of mineral lands	15	323.32			1,606.00
Excess payments on homestead, timber-culture, and other entries and locations.	10	32.45			40.57
Original entries under the desert-land act	37	4,002.70			1,000.68
Final entries under the desert-land act.	20	[2,932.67]			2,932.67
Homestead entries commuted to cash under section 2301, Revised Statutes.	2	[315.00]			393.75
Timber-culture entries commuted under act Mar. 3, 1891	2	[320.00]			400.00
Total cash sales	89	4,837.76			6,971.78
Original homestead entries	228	31,832.02	\$1,193.72	\$2,075.00	3,268.72
Final homestead entries	121	[17,425.43]	653.51		653.51
Final entries under the timber-culture laws	6	[520.00]		24.00	24.00
State selections	48	7,548.86		96.00	96.00
Applications to purchase mineral lands	25			250.00	250.00
Applications to purchase coal lands	1			3.00	3.00
Mineral protests, adverse claims	4			40.00	40.00
Preemption declaratory statements	5			15.00	15.00
Amount received for reducing testimony to writing				484.59	484.59
Total of all classes of entries and amount received therefrom	527	44,218.64	1,847.23	2,987.59	11,806.60
Salaries, fees, and commissions of register and receiver					3,899.18
Incidental expenses					373.32
Total					4,272.50

Statement of the business transacted at local land offices, etc.—Continued.

COEUR D'ALENE, IDAHO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands	8	867.92			\$2,169.80
Sales of mineral lands	13	440.27			2,240.00
Excess payments on homestead, timber-culture, and other entries and locations.	5	45.65			114.17
Homestead entries commuted to cash under section 2301, Revised Statutes...	2	[101.32]			183.35
Total cash sales	28	1,353.84			4,707.32
Original homestead entries	270	36,822.67	\$2,705.55	\$2,415.00	5,120.55
Final homestead entries	81	[11,406.56]	746.80		746.80
Indian allotments	19	1,642.88			
Lands selected under grants to railroads.	654	104,143.70		1,308.00	1,308.00
Applications to purchase mineral lands	23			230.00	230.00
Applications to purchase timber and stone lands	8			80.00	80.00
Mineral protests, adverse claims.	3			30.00	30.00
Soldiers' and sailors' homestead declaratory statements	1			3.00	3.00
Amount received for reducing testimony to writing				388.50	388.50
Total of all classes of entries and amount received therefrom	1,087	143,963.09	3,452.35	4,454.50	12,614.17
Salaries, fees, and commissions of register and receiver					6,000.00
Expense of depositing					37.85
Incidental expenses					144.60
Total					6,182.45

HAILEY, IDAHO.

Sales of land subject to preemption entry.	3	440.82			\$551.22
Sales of mineral lands	15	1,302.18			6,165.00
Excess payments on homestead, timber-culture, and other entries and locations.	9	95.24			119.12
Original entries under the desert-land act	40	4,927.20			1,231.80
Final entries under the desert-land act.	27	[3,577.57]			3,498.92
Homestead entries commuted to cash under section 2301, Revised Statutes...	4	[471.64]			589.55
Total cash sales	98	6,765.44			12,155.61
Original homestead entries	150	20,866.24	\$782.45	\$1,385.00	2,147.45
Final homestead entries	54	[7,879.93]	295.46		295.46
Final entries under the timber-culture laws	4	[480.00]		16.00	16.00
Applications to purchase mineral lands	10			100.00	100.00
Preemption declaratory statements	1			3.00	3.00
Amount received for reducing testimony to writing				167.55	167.55
Total of all classes of entries and amount received therefrom	317	27,631.68	1,077.91	1,651.55	14,885.07
Salaries, fees, and commissions of register and receiver					2,607.52
Expense of depositing					30.81
Incidental expenses					311.20
Total					2,949.53

Statement of the business transacted at local land offices, etc.—Continued.

LEWISTON, IDAHO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land subject to preemption entry	4	485.70	-----	-----	\$607.13
Sales of timber and stone lands	5	520.00	-----	-----	1,400.00
Sales of town sites	1	40.00	-----	-----	150.00
Sales of mineral lands	1	159.50	-----	-----	398.76
Excess payments on homestead, timber-culture, and other entries and locations	50	134.08	-----	-----	279.50
Homestead entries commuted to cash under section 2301, Revised Statutes	4	[341.60]	-----	-----	981.00
Timber-culture entries commuted under act Mar. 3, 1891	1	[41.70]	-----	-----	52.13
Total cash sales	66	1,330.28			3,868.52
Original homestead entries	650	90,482.03	\$3,378.96	\$5,900.00	9,278.96
Final homestead entries	155	[22,599.84]	847.42	-----	847.42
Final entries under the timber-culture laws	6	[635.50]	-----	24.00	24.00
State selections	103	16,386.91	-----	206.00	206.00
Applications to purchase mineral lands	1	-----	-----	10.00	10.00
Applications to purchase town sites	1	-----	-----	3.00	3.00
Applications to purchase timber and stone lands	5	-----	-----	50.00	50.00
Preemption declaratory statements	3	-----	-----	9.00	9.00
Soldiers' and sailors' homestead declaratory statements	3	-----	-----	9.00	9.00
Amount received for reducing testimony to writing	-----	-----	-----	575.31	575.31
Total of all classes of entries and amount received therefrom	993	108,208.22	4,226.38	6,786.31	14,881.21
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	5,932.50
Expense of depositing	-----	-----	-----	-----	30.00
Incidental expenses	-----	-----	-----	-----	1,132.63
Total					7,095.13

DES MOINES, IOWA.

Homestead entries commuted to cash under section 2301, Revised Statutes	4	[331.10]	-----	-----	\$663.88
Total cash sales	4	[331.10]			663.88
Original homestead entries	6	400.00	\$20.00	\$35.00	55.00
Final homestead entries	15	[1,049.27]	51.48	-----	51.48
Final entries under the timber-culture laws	14	[1,086.27]	-----	56.00	56.00
Lands selected under grants to railroads	2	120.00	-----	4.00	4.00
Amount received for reducing testimony to writing	-----	-----	-----	396.32	396.32
Total of all classes of entries and amount received therefrom	41	520.00	71.48	491.32	1,226.68
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	1,541.68
Expense of depositing	-----	-----	-----	-----	1.40
Incidental expenses	-----	-----	-----	-----	345.94
Total					1,888.42

Statement of the business transacted at local land offices, etc.—Continued.

COLBY, KANS.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	1	40.00	-----	-----	\$50.00
Excess payments on homestead, timber-culture, and other entries and locations.	10	11.32	-----	-----	14.27
Homestead entries commuted to cash under section 2301, Revised Statutes.	6	[680.00]	-----	-----	850.00
Timber-culture entries commuted under act Mar. 3, 1891	3	[480.00]	-----	-----	600.00
Total cash sales	20	51.32	-----	-----	1,514.27
Original homestead entries	165	22,873.88	\$892.67	\$1,485.00	2,177.67
Final homestead entries	237	[43,976.56]	1,253.09	-----	1,253.09
Final entries under the timber-culture laws	301	[46,848.42]	-----	1,204.00	1,204.00
Amount received for reducing testimony to writing	-----	-----	-----	1,423.05	1,423.05
Total of all classes of entries and amount received therefrom	773	22,925.20	1,945.76	4,112.05	7,572.08
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	5,599.98
Expense of depositing	-----	-----	-----	-----	1.30
Incidental expenses	-----	-----	-----	-----	1,120.89
Total	-----	-----	-----	-----	6,722.17

DODGE CITY, KANS.

Excess payments on homestead, timber-culture, and other entries and locations.	11	27.74	-----	-----	\$48.88
Homestead entries commuted to cash under section 2301, Revised Statutes.	2	[178.72]	-----	-----	223.40
Total cash sales	13	27.74	-----	-----	272.28
Original homestead entries	160	24,178.58	\$802.12	\$1,545.00	2,347.12
Final homestead entries	196	[30,380.45]	1,055.17	-----	1,055.17
Final entries under the timber-culture laws	292	[45,110.30]	-----	1,168.00	1,168.00
Reservoir filings	16	-----	-----	32.00	32.00
Preemption declaratory statements	21	-----	-----	42.00	42.00
Soldiers' and sailors' homestead declaratory statements	2	-----	-----	4.00	4.00
Amount received for reducing testimony to writing	-----	-----	-----	866.28	866.28
Total of all classes of entries and amount received therefrom	700	24,206.32	1,857.29	3,657.28	5,786.85
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	4,894.83
Expense of depositing	-----	-----	-----	-----	8.02
Incidental expenses	-----	-----	-----	-----	1,846.16
Total	-----	-----	-----	-----	6,747.01
Sales of Osage trust and diminished reserve land:	-----	-----	-----	-----	-----
Full payments	44	3,953.78	-----	-----	4,942.23
First payments	10	932.40	-----	-----	291.38
Third payment	1	[40.00]	-----	-----	12.50
Fourth payment	1	[40.00]	-----	-----	12.50
Interest payments	-----	-----	-----	-----	4.56
Total	56	4,886.18	-----	-----	5,263.17

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Statement of the business transacted at local land offices, etc.—Continued.

TOPEKA, KANS.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	3	120.00			\$435.00
Homestead entries commuted to cash under section 2301, Revised Statutes...	1	[160.00]			200.00
Total cash sales.....	4	120.00			635.00
Original homestead entries.....	45	4,884.16	\$221.17	\$345.00	566.17
Final homestead entries.....	51	[6,376.35]	277.25		277.25
Final entries under the timber-culture laws.....	38	[4,261.39]		152.00	152.00
Lands selected under grants to railroads.....	1	80.85		2.00	2.00
Preemption declaratory statements.....	24			48.00	48.00
Soldiers' and sailors' homestead declaratory statements.....	2			4.00	4.00
Amount received for reducing testimony to writing.....				116.60	116.60
Total of all classes of entries and amount received therefrom.....	165	5,085.01	498.42	667.60	1,801.02
Salaries, fees, and commissions of register and receiver.....					1,860.28
Expense of depositing.....					1.00
Incidental expenses.....					14.92
Total.....					1,876.20
Cash receipts, Indian lands:					
From Osage trust and diminished reserve.....	13	800.00			1,121.65
From Osage ceded.....					118.10
From Kansas trust and diminished reserve.....					90.51
Total.....	13	800.00			1,330.26

WAKEENEY, KANS.

Excess payments on homestead, timber-culture, and other entries and locations.....	7	15.07			\$35.88
Homestead entries commuted to cash under section 2301, Revised Statutes...	1	[180.00]			200.00
Total cash sales.....	8	15.07			235.88
Original homestead entries.....	188	28,630.98	\$1,194.38	\$1,815.00	3,009.38
Final homestead entries.....	292	[45,220.60]	1,805.56		1,805.56
Final entries under the timber-culture laws.....	356	[56,064.15]		1,424.00	1,424.00
Amount received for reducing testimony to writing.....				733.32	733.32
Total of all classes of entries and amount received therefrom.....	844	28,646.05	2,999.94	3,972.32	7,208.14
Salaries, fees, and commissions of register and receiver.....					5,957.23
Expense of depositing.....					4.90
Incidental expenses.....					534.50
Total.....					6,496.63

Statement of the business transacted at local land offices, etc.—Continued.

NATCHITOCHEs, LA.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations.	118	246.60	-----	-----	\$320.29
Homestead entries commuted to cash under section 2301, Revised Statutes.	25	[3,466.51]	-----	-----	4,333.11
Total cash sales	143	246.60	-----	-----	4,653.40
Original homestead entries	441	48,240.09	\$1,409.11	\$3,490.00	4,899.11
Final homestead entries	224	[27,144.33]	888.85	-----	888.85
Amount received for reducing testimony to writing	-----	-----	-----	258.80	258.80
Total of all classes of entries and amount received therefrom	808	48,486.69	2,297.96	3,748.80	10,700.16
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	3,649.78
Expense of depositing	-----	-----	-----	-----	9.84
Incidental expenses	-----	-----	-----	-----	414.24
Total	-----	-----	-----	-----	4,073.86

NEW ORLEANS, LA.

Sales of land at public auction	2	87.97	-----	-----	\$109.96
Graduation entries	6	[761.97]	-----	-----	110.85
Supplemental payments	4	19.82	-----	-----	24.78
Excess payments on locations made with swamp-land indemnity certificates	2	[24.49]	-----	-----	30.61
Excess payments on homestead, timber-culture, and other entries and locations.	292	961.82	-----	-----	1,303.29
Timber-culture entries commuted under act Mar. 3, 1891	2	[241.36]	-----	-----	301.70
Homestead entries commuted to cash under section 2301, Revised Statutes	10	[1,275.52]	-----	-----	1,790.64
Total cash sales	318	1,069.61	-----	-----	3,671.83
Original homestead entries	913	99,482.50	\$2,687.22	\$7,260.00	9,947.22
Final homestead entries	632	[78,745.55]	2,166.87	-----	2,166.87
Final entries under the timber-culture laws	8	[1,152.10]	-----	32.00	32.00
Lands entered with private land scrip	1	[160.00]	-----	-----	-----
State selections	8	651.58	-----	16.00	16.00
Amount received for reducing testimony to writing	-----	-----	-----	827.40	827.40
Total of all classes of entries and amount received therefrom	1,880	101,223.69	4,854.09	8,135.40	16,661.32
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Incidental expenses	-----	-----	-----	-----	2,841.86
Total	-----	-----	-----	-----	8,841.86

322 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

GRAYLING, MICH.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	4	235.49			\$294.37
Excess payments on homestead, timber-culture, and other entries and locations.	3	16.35			26.02
Homestead entries commuted to cash under section 2301, Revised Statutes....	5	[360.00]			450.00
Total cash sales.....	12	251.84			770.39
Original homestead entries.....	65	5,777.66	\$154.25	\$410.00	564.25
Final homestead entries.....	27	[2,908.48]	79.75		79.75
Amount received for reducing testimony to writing.....				93.22	93.22
Total of all classes of entries and amount received therefrom.....	104	6,029.50	234.00	503.22	1,507.61
Salaries, fees, and commissions of register and receiver.....					1,340.60
Expense of depositing.....					4.40
Incidental expenses.....					612.66
Total.....					1,957.66

MARQUETTE, MICH.

Sales of land at public auction.....	11	831.40			\$1,051.26
Excess payments on homestead, timber-culture, and other entries and locations.	1	7.67			9.59
Homestead entries commuted to cash under section 2301, Revised Statutes....	46	[5,052.81]			6,316.03
Total cash sales.....	58	839.07			7,376.88
Original homestead entries.....	243	25,557.88	\$638.94	\$1,825.00	2,463.94
Final homestead entries.....	198	[26,429.23]	660.82		660.82
Lands entered with military bounty land warrants.....	3	[440.00]		11.00	11.00
Indian allotments.....	1	78.68			
Soldiers' and sailors' homestead declaratory statements.....	1			2.00	2.00
Amount received for reducing testimony to writing.....				1,179.39	1,179.39
Total of all classes of entries and amount received therefrom.....	504	26,475.63	1,299.76	3,017.39	11,694.03
Salaries, fees, and commissions of register and receiver.....					3,641.63
Expense of depositing.....					5.65
Incidental expenses.....					941.42
Total.....					4,588.70

Statement of the business transacted at local land offices, etc.—Continued.

CROOKSTON, MINN.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	4	124.80			\$182.00
Sales of timber and stone lands	5	440.46			1,101.16
Excess payments on homestead, timber-culture, and other entries and locations.	47	164.18			216.75
Homestead entries commuted to cash under section 2301, Revised Statutes	25	[3,539.46]			4,607.98
Timber-culture entries commuted under act Mar. 3, 1891	3	[240.00]			300.00
Total cash sales	84	729.44			6,407.89
Original homestead entries	830	114,224.43	\$3,259.26	\$7,500.00	10,759.26
Final homestead entries	408	[61,482.39]	2,055.99		2,055.99
Final entries under the timber-culture laws	24	[3,595.93]		96.00	96.00
Original homesteads (Chippewa Reservation)	545	79,946.80	1,999.08	5,155.00	7,154.08
Indian allotments	3	480.00			
Applications to purchase timber and stone lands	5			50.00	50.00
Soldiers' and sailors' homestead declaratory statements	1			2.00	2.00
Amount received for reducing testimony to writing				832.48	832.48
Total of all classes of entries and amount received therefrom	1,900	195,380.67	7,314.33	13,635.48	27,357.70
Salaries, fees, and commissions of register and receiver					6,000.00
Expense of depositing					15.03
Incidental expenses					2,597.19
Total					8,612.22
Cash sales, Chippewa Indian lands	58	3,937.59			17,230.28

DULUTH, MINN.

Sales of land subject to preemption entry	8	1,124.66			\$1,405.84
Sales of land at public auction	48	2,934.14			3,983.74
Sales of timber and stone lands	302	29,480.99			73,703.12
Sales of land under act Mar. 3, 1887	1	144.25			180.32
Excess payments on homestead, timber-culture, and other entries and locations.	38	208.87			261.19
Homestead entries commuted to cash under section 2301, Revised Statutes	33	[4,298.65]			5,375.04
Total cash sales	430	33,892.91			84,909.25
Original homestead entries	497	66,251.28	\$1,757.92	\$4,470.00	6,227.92
Final homestead entries	349	[48,562.58]	1,516.84		1,516.84
Lands entered with military bounty land warrants	3	{ [160.00] 280.00 }		11.00	11.00
Lands entered with agricultural college scrip	6	{ [959.56] [1,341.12] 480.00 }		12.00	12.00
Lands entered with private land scrip	13	{ [80.00] 719.71 }			
Lands selected under grants to railroads.	1	11.00		2.00	2.00
Applications to purchase timber and stone lands	194			1,940.00	1,940.00
Preemption declaratory statements	5			10.00	10.00
Amount received for reducing testimony to writing				1,166.79	1,166.79
Total of all classes of entries and amount received therefrom	1,514	101,634.90	3,274.76	7,611.79	95,795.80
Salaries, fees, and commissions of register and receiver					6,000.00
Incidental expenses					2,890.99
Total					8,890.99

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Statement of the business transacted at local land offices, etc.—Continued.

MARSHALL, MINN.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	1	80.00			\$100.00
Sales of land at public auction	1	4.92			399.00
Sales of land under act Mar. 3, 1887	1	40.00			50.00
Excess payments on homestead, timber-culture, and other entries and locations	3	13.08			17.10
Homestead entries commuted to cash under section 2301, Revised Statutes	22	[1,561.71]			3,018.48
Timber-culture entries commuted under act Mar. 3, 1891	2	[200.00]			250.00
Total cash sales	30	138.00			3,804.58
Original homestead entries	58	5,826.80	\$206.93	\$435.00	641.93
Final homestead entries	117	[12,983.91]	502.37		502.37
Lands entered under the timber-culture laws	1	160.00		14.00	14.00
Final entries under the timber-culture laws	62	[6,231.12]		248.00	248.00
Lands selected under grants to railroads	1	40.00		2.00	2.00
Amount received for reducing testimony to writing				497.20	497.20
Total of all classes of entries and amount received therefrom	269	6,164.80	709.30	1,196.20	5,710.08
Salaries, fees, and commissions of register and receiver					2,520.16
Incidental expenses					382.28
Total					2,902.44

ST. CLOUD, MINN.

Sales of land at public auction	9	619.52			\$901.60
Cash substitution	1	40.00			50.00
Under act Mar. 3, 1887	1	123.80			154.75
Excess payments on homestead, timber-culture, and other entries and locations	28	176.10			256.49
Homestead entries commuted to cash under section 2301, Revised Statutes	28	[3,150.18]			4,132.23
Timber-culture entries commuted under act Mar. 3, 1891	1	[80.00]			100.00
Total cash sales	68	959.42			5,595.07
Original homestead entries	762	89,190.22	\$3,175.64	\$6,200.00	9,375.64
Final homestead entries	450	[56,625.67]	2,367.67		2,367.67
Final entries under the timber-culture laws	31	[3,767.81]		124.00	124.00
Lands entered with military bounty land warrants	1	160.00		4.00	4.00
Lands entered with Sioux half-breed scrip	20	2,345.34			
Lands selected under grants to railroads	10	1,355.88		20.00	20.00
Soldiers' and sailors' homestead declaratory statements	2			4.00	4.00
Amount received for reducing testimony to writing				590.46	590.46
Total of all classes of entries and amount received therefrom	1,344	94,010.86	5,543.31	6,942.46	18,080.84
Salaries, fees, and commissions of register and receiver					6,000.00
Expense of depositing					14.40
Incidental expenses					2,205.84
Total					8,220.24

Statement of the business transacted at local land offices, etc.—Continued.

JACKSON, MISS.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to private entry	2	20.27			\$27.84
Sales of land at public auction	1	40.32			50.40
Act Feb. 17, 1897 (29 Stats., p. 534)	8	510.59			688.23
Excess payments on homestead, timber-culture, and other entries and locations	272	371.12			507.77
Homestead entries commuted to cash under section 2301, Revised Statutes	62	[8,593.21]			10,733.90
Total cash sales	345	942.30			11,958.14
Original homestead entries	1,366	135,814.25	\$3,486.46	\$10,070.00	13,556.46
Final homestead entries	1,052	[126,712.51]	3,181.40		3,181.40
Lands selected under grants to railroads	2	200.60		4.00	4.00
Amount received for reducing testimony to writing				975.87	975.87
Total of all classes of entries and amount received therefrom	2,765	136,957.15	6,667.86	11,049.87	29,675.87
Salaries, fees, and commissions of register and receiver					6,000.00
Expense of depositing					20.00
Incidental expenses					4,714.51
Total					10,734.51

BOONVILLE, MO.

Sales of land subject to private entry	20	871.56			\$1,189.48
Excess payments on homestead, timber-culture, and other entries and locations	7	31.35			39.19
Supplemental payments	4	[254.15]			75.83
Homestead entries commuted to cash under section 2301, Revised Statutes	2	[120.00]			150.00
Total cash sales	33	902.91			1,454.50
Original homestead entries	322	28,006.94	\$700.21	\$2,165.00	2,865.21
Final homestead entries	216	[21,852.15]	546.44		546.44
Lands entered with military bounty land warrants	1	60.00		1.50	1.50
Amount received for reducing testimony to writing				463.43	463.43
Total of all classes of entries and amounts received therefrom	573	28,969.85	1,246.65	2,629.98	5,331.13
Salaries, fees, and commissions of register and receiver					2,740.68
Expense of depositing					5.40
Incidental expenses					1,129.16
Total					3,875.24

IRONTON, MO.

Sales of land subject to private entry	34	1,762.03			\$2,202.56
Excess payments on homestead, timber-culture, and other entries and locations	8	30.71			38.38
Additional payment	1	4.33			5.42
Homestead entries commuted to cash under section 2301, Revised Statutes	2	[68.18]			78.98
Total cash sales	45	1,797.07			2,325.34
Original homestead entries	395	32,324.52	\$320.63	\$2,640.00	3,460.63
Final homestead entries	339	[34,471.88]	860.78		860.78
Lands entered with agricultural college scrip	1	[160.00]		4.00	4.00
Amount received for reducing testimony to writing				488.85	488.85
Total of all classes of entries and amount received therefrom	780	34,621.59	1,681.41	3,132.85	7,139.60
Salaries, fees, and commissions of register and receiver					3,220.75
Expense of depositing					9.60
Incidental expenses					159.12
Total					3,389.47

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Statement of the business transacted at local land offices, etc.—Continued.

SPRINGFIELD, MO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to private entry	33	1,821.99			\$2,277.49
Supplemental payment	1	.58			1.45
Excess payments on homestead, timber-culture, and other entries and locations	17	88.84			110.95
Homestead entries commuted to cash under section 2301, Revised Statutes	6	[480.00]			650.00
Total cash sales	57	1,911.41			3,039.89
Original homestead entries	874	85,521.95	\$2,375.17	\$6,215.00	8,580.17
Final homestead entries	431	[50,036.02]	1,421.19		1,421.19
Lands entered with military bounty land warrants	2	320.00		8.00	8.00
Soldiers' and sailors' homestead declaratory statements	5			10.00	10.00
Amount received for reducing testimony to writing				579.07	579.07
Total of all classes of entries and amount received therefrom	1,369	87,753.36	3,796.36	6,812.07	13,648.32
Salaries, fees, and commissions of register and receiver					5,454.22
Expense of depositing					12.70
Incidental expenses					1,941.88
Total					7,408.80

BOZEMAN, MONT.

Sales of land subject to preemption entry	2	199.55			\$498.88
Sales of timber and stone lands	4	496.85			1,267.13
Sales of mineral lands	6	105.32			540.00
Sales of coal lands	6	1,239.02			24,780.40
Excess payments on homestead, timber-culture, and other entries and locations	6	21.10			52.76
Original entries under the desert-land act	73	10,955.41			2,740.64
Final entries under the desert-land act	41	[5,757.73]			5,727.73
Homestead entries commuted to cash under section 2301, Revised Statutes	4	[200.00]			500.00
Timber-culture entries commuted under act Mar. 3, 1891	1	[160.00]			200.00
Total cash sales	143	13,017.25			36,307.54
Original homestead entries	259	36,456.19	\$2,653.55	\$2,395.00	5,048.55
Final homestead entries	119	[17,958.72]	1,334.91		1,334.91
Final entries under the timber-culture laws	1	[40.00]		4.00	4.00
Lands selected under grants to railroads	2	280.00		4.00	4.00
State selections	70	10,995.58		140.00	140.00
Applications to purchase mineral lands	6			60.00	60.00
Applications to purchase coal lands	82			246.00	246.00
Applications to purchase timber and stone lands	4			40.00	40.00
Amount received for reducing testimony to writing				181.31	181.31
Total of all classes of entries and amount received therefrom	686	60,749.02	3,988.46	3,070.31	43,366.31
Salaries, fees, and commissions of register and receiver					6,000.00
Expense of depositing					14.20
Incidental expenses					337.70
Total					6,351.90
Cash sales, Crow Indian lands	7	{ [597.62] 480.00 }			1,616.43

Statement of the business transacted at local land offices, etc.—Continued.

HELENA, MONT.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	11	1,753.11	-----	-----	\$2,191.40
Sales of land at public auction	12	864.09	-----	-----	1,080.36
Sales of timber and stone lands	13	1,918.59	-----	-----	4,796.48
Sales of mineral lands	135	3,535.20	-----	-----	15,307.50
Sales of coal lands	4	442.95	-----	-----	8,859.00
Excess payments on homestead, timber-culture, and other entries and locations.	49	191.50	-----	-----	244.27
Original entries under the desert-land act	595	99,280.51	-----	-----	24,819.44
Final entries under the desert-land act	146	[25,749.64]	-----	-----	25,749.64
Homestead entries commuted to cash under section 2301, Revised Statutes	53	[7,505.58]	-----	-----	9,861.11
Timber-culture entries commuted under act Mar. 3, 1891	2	[240.00]	-----	-----	300.00
Total cash sales	1,020	107,985.95	-----	-----	93,209.20
Original homestead entries	667	101,742.75	\$4,220.22	\$6,470.00	10,690.22
Final homestead entries	380	[58,312.26]	2,550.75	-----	2,550.75
Final entries under the timber-culture laws	50	[7,487.60]	-----	200.00	200.00
Lands selected under grants to railroads	506	80,439.49	-----	1,012.00	1,012.00
State selections	268	49,714.79	-----	484.00	484.00
Indian allotments	5	720.00	-----	-----	-----
Applications to purchase mineral lands	127	-----	-----	1,270.00	1,270.00
Applications to purchase coal lands	35	-----	-----	105.00	105.00
Applications to purchase timber and stone lands	13	-----	-----	130.00	130.00
Mineral protests, adverse claims	8	-----	-----	80.00	80.00
Preemption declaratory statements	11	-----	-----	33.00	33.00
Soldiers' and sailors' homestead declaratory statements	3	-----	-----	9.00	9.00
Amount received for reducing testimony to writing	-----	-----	-----	666.23	666.23
Total of all classes of entries and amount received therefrom	3,093	340,602.98	6,770.97	10,459.23	110,439.40
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Incidental expenses	-----	-----	-----	-----	3,399.07
Total	-----	-----	-----	-----	9,399.07

KALISPELL, MONT.

Sales of land subject to preemption entry	2	160.00	-----	-----	\$200.00
Sales of mineral lands	4	109.29	-----	-----	405.00
Excess payments on homestead, timber-culture, and other entries and locations.	9	65.24	-----	-----	81.55
Original entries under the desert-land act	6	782.93	-----	-----	195.74
Final entries under the desert-land act	1	[40.00]	-----	-----	40.00
Homestead entries commuted to cash under section 2301, Revised Statutes	5	[593.46]	-----	-----	941.80
Total cash sales	27	1,117.46	-----	-----	1,864.09
Original homestead entries	98	13,185.44	\$557.86	\$885.00	1,442.86
Final homestead entries	113	[16,092.39]	608.60	-----	608.60
Final entries under the timber-culture laws	2	[320.00]	-----	8.00	8.00
Lands selected under grants to railroads	312	49,727.77	-----	624.00	624.00
State selections	29	4,612.94	-----	58.00	58.00
Applications to purchase mineral lands	7	-----	-----	70.00	70.00
Amount received for reducing testimony to writing	-----	-----	-----	355.69	355.69
Total of all classes of entries and amount received therefrom	588	68,643.61	1,166.46	2,000.69	5,031.24
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	3,319.43
Incidental expenses	-----	-----	-----	-----	1,681.20
Total	-----	-----	-----	-----	5,010.63

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Statement of the business transacted at local land offices, etc.—Continued.

LEWISTOWN, MONT.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	1	157.34	-----	-----	\$196.67
Sales of land at public auction	12	849.61	-----	-----	1,067.01
Sales of mineral lands	2	94.55	-----	-----	475.00
Sales of coal lands	1	40.00	-----	-----	400.00
Sales of abandoned military reservations, Fort Maginnis	2	[218.84]	-----	-----	303.55
Excess payments on homestead, timber-culture, and other entries and locations	11	42.10	-----	-----	52.64
Original entries under the desert-land act	263	42,221.03	-----	-----	10,555.29
Final entries under the desert-land act	88	[13,723.10]	-----	-----	13,723.10
Homestead entries commuted to cash under section 2301, Revised Statutes	49	[7,545.17]	-----	-----	9,684.19
Timber-culture entries commuted under act Mar. 3, 1891	3	[400.00]	-----	-----	500.00
Total cash sales	432	43,404.63	-----	-----	36,957.45
Original homestead entries	293	45,751.07	\$1,792.21	\$2,890.00	4,682.21
Final homestead entries	141	[22,054.14]	887.41	-----	887.41
Final entries under the timber-culture laws	22	[3,118.39]	-----	88.00	88.00
Lands selected under grants to railroads	2	320.00	-----	4.00	4.00
Applications to purchase mineral lands	11	-----	-----	110.00	110.00
Applications to purchase coal lands	11	-----	-----	33.00	33.00
Mineral protests, adverse claims	8	-----	-----	80.00	80.00
Amount received for reducing testimony to writing	-----	-----	-----	503.93	503.93
Total of all classes of entries and amount received therefrom	920	89,475.70	2,679.62	3,708.93	43,346.00
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	5,237.64
Incidental expenses	-----	-----	-----	-----	323.52
Total	-----	-----	-----	-----	5,561.16

MILES CITY, MONT.

Sales of land subject to preemption entry	1	160.00	-----	-----	\$200.00
Sales of timber and stone lands	2	80.00	-----	-----	100.00
Excess payments on homestead, timber-culture, and other entries and locations	13	30.27	-----	-----	58.25
Original entries under the desert-land act	42	7,519.29	-----	-----	1,879.82
Final entries under the desert-land act	5	[622.61]	-----	-----	622.61
Homestead entries commuted to cash under section 2301, Revised Statutes	2	[314.29]	-----	-----	392.86
Total cash sales	65	7,789.56	-----	-----	3,253.54
Original homestead entries	85	13,221.21	\$662.67	\$840.00	1,502.67
Final homestead entries	53	[7,999.41]	458.01	-----	458.01
Final entries under the timber-culture laws	4	[552.29]	-----	16.00	16.00
Lands entered with military bounty land warrants	1	[160.00]	-----	4.00	4.00
Lands selected under grants to railroads	3	390.47	-----	6.00	6.00
State selections	4	640.00	-----	8.00	8.00
Applications to purchase coal lands	1	-----	-----	3.00	3.00
Applications to purchase timber and stone lands	2	-----	-----	20.00	20.00
Amount received for reducing testimony to writing	-----	-----	-----	139.42	139.42
Total of all classes of entries and amount received therefrom	218	22,011.24	1,120.68	1,093.42	5,410.64
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	2,382.07
Expense of depositing	-----	-----	-----	-----	8.05
Incidental expenses	-----	-----	-----	-----	508.08
Total	-----	-----	-----	-----	2,898.20

Statement of the business transacted at local land offices, etc.—Continued.

MISSOULA, MONT.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	11	1,878.99			\$1,899.11
Sales of land at public auction	2	80.00			150.00
Sales of timber and stone lands	8	1,026.19			2,565.48
Sales of mineral lands	6	286.14			1,402.50
Excess payments on homestead, timber-culture, and other entries and locations.	7	17.60			40.52
Original entries under the desert-land act	104	23,964.84			5,991.24
Final entries under the desert land act.	6	[1,600.00]			1,600.00
Homestead entries commuted to cash under section 2301, Revised Statutes.	8	[1,274.38]			1,692.98
Timber-culture entries commuted under act Mar. 3, 1891.	4	[440.05]			550.06
Total cash sales	156	26,753.76			15,891.89
Original homestead entries	100	13,184.49	\$672.66	\$895.00	1,567.66
Final homestead entries	69	[10,219.91]	592.93		592.93
Lands selected under grants to railroads.	248	39,407.72		496.00	496.00
State selections	54	8,489.80		108.00	108.00
Applications to purchase mineral lands.	4			40.00	40.00
Applications to purchase timber and stone lands.	7			70.00	70.00
Preemption declaratory statements	65			195.00	195.00
Amount received for reducing testimony to writing				918.76	918.76
Total of all classes of entries and amount received therefrom	703	87,835.77	1,265.59	2,722.76	19,880.24
Salaries, fees, and commissions of register and receiver					4,411.14
Expense of depositing					14.70
Incidental expenses					1,119.32
Total					5,545.16

ALLIANCE, NEBR.

Sales of land at public auction	4	160.00			\$225.00
Excess payments on homestead, timber-culture, and other entries and locations.	29	88.44			109.63
Homestead entries commuted to cash under section 2301, Revised Statutes.	23	[3,185.32]			3,981.68
Timber-culture entries commuted under act Mar. 3, 1891.	1	[160.00]			200.00
Total cash sales	57	248.44			4,516.31
Original homestead entries	339	51,144.88	\$1,273.59	\$3,245.00	4,523.59
Final homestead entries	262	[41,221.31]	1,030.62		1,030.62
Final entries under the timber-culture laws	282	[44,439.77]		1,128.00	1,128.00
Amount received for reducing testimony to writing				1,536.52	1,536.52
Total of all classes of entries and amount received therefrom	940	51,393.32	2,309.21	5,909.52	12,735.04
Salaries, fees, and commissions of register and receiver					5,980.42
Expense of depositing					9.20
Incidental expenses					1,254.05
Total					7,243.67

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Statement of the business transacted at local land offices, etc.—Continued.

BROKEN BOW, NEBR.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	1	160.00			\$200.00
Sales of land at public auction	7	480.16			600.20
Excess payments on homestead, timber-culture, and other entries and locations.	22	105.40			131.74
Homestead entries commuted to cash under section 2301, Revised Statutes	11	[1,750.86]			2,188.57
Total cash sales	41	745.56			3,120.51
Original homestead entries	203	30,598.38	\$764.95	\$1,950.00	2,714.95
Final homestead entries	84	[12,544.86]	313.61		313.61
Final entries under the timber-culture laws	122	[18,572.69]		488.00	488.00
Applications to purchase reservoir sites.	1			2.00	2.00
Soldiers and sailors' homestead declaratory statements	1			2.00	2.00
Amount received for reducing testimony to writing				509.37	509.37
Total of all classes of entries and amount received therefrom	452	31,343.94	1,078.56	2,951.37	7,150.44
Salaries, fees, and commissions of register and receiver					3,142.29
Expense of depositing					5.60
Incidental expenses					213.33
Total					3,361.22

LINCOLN, NEBR.

Sales of land at public auction	1	80.00			\$100.00
Excess payments on homestead, timber-culture, and other entries and locations.	1	1.76			2.20
Timber-culture entries commuted under act Mar. 3, 1891	1	[32.00]			40.00
Homestead entries commuted to cash under section 2301, Revised Statutes	6	[359.60]			877.75
Total cash sales	9	81.76			1,019.95
Original homestead entries	57	6,597.95	\$203.63	\$465.00	668.63
Final homestead entries	86	[11,220.03]	378.39		378.39
Final entries under the timber-culture laws	68	[8,923.95]		272.00	272.00
Lands selected under grants to railroads.	1	101.90		2.00	2.00
Amount received for reducing testimony to writing				335.51	335.51
Total of all classes of entries and amount received therefrom	221	6,781.61	582.02	1,074.51	2,676.48
Salaries, fees, and commissions of register and receiver					2,211.86
Expense of depositing					1.90
Incidental expenses					3.36
Total					2,217.12

Statement of the business transacted at local land offices, etc.—Continued.

McCOOK, NEBR.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	1	40.00			\$50.00
Excess payments on homestead, timber-culture, and other entries and locations	3	13.23			16.54
Homestead entries commuted to cash under section 2301, Revised Statutes	4	[560.00]			700.00
Timber-culture entries commuted under act Mar. 3, 1891	1	[160.00]			200.00
Total cash sales	9	53.23			966.54
Original homestead entries	102	13, 678.19	\$353.59	\$905.00	1,258.59
Final homestead entries	108	[29, 841.94]	781.29		781.29
Final entries under the timber-culture laws	275	[42, 194.35]		1, 100.00	1, 100.00
Amount received for reducing testimony to writing				1, 058.53	1, 058.53
Total of all classes of entries and amount received therefrom	584	13, 731.42	1, 134.88	3, 053.53	5, 164.95
Salaries, fees, and commissions of register and receiver					4, 312.68
Expense of depositing					4.30
Incidental expenses					248.48
Total					4, 565.46

NORTH PLATTE, NEBR.

Sales of land at public auction	3	280.00			\$350.00
Excess payments on homestead, timber-culture, and other entries and locations	21	63.00			128.99
Homestead entries commuted to cash under section 2301, Revised Statutes	1	[40.00]			50.00
Total cash sales	25	343.00			528.99
Original homestead entries	255	36, 562.29	\$1, 539.76	\$2, 355.00	3, 894.76
Final homestead entries	233	[35, 460.22]	1, 479.57		1, 479.57
Final entries under the timber-culture laws	198	[30, 656.00]		792.00	792.00
Lands selected under grants to railroads	1	40.00		2.00	2.00
Amount received for reducing testimony to writing				695.18	695.18
Total of all classes of entries and amount received therefrom	712	36, 945.29	3, 019.33	3, 844.18	7, 392.50
Salaries, fees, and commissions of register and receiver					5, 292.60
Expense of depositing					5.30
Incidental expenses					306.32
Total					5, 604.22

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Statement of the business transacted at local land offices, etc.—Continued.

O'NEILL, NEBR.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	1	107.11			\$133.88
Sales of land at public auction.	6	[240.00]			180.00
Excess payments on homestead, timber-culture, and other entries and locations.	21	84.92			127.24
Homestead entries commuted to cash under section 2301, Revised Statutes.	13	[1,754.15]			2,192.72
* Total cash sales.	41	192.03			2,633.84
Original homestead entries.	326	46,509.86	\$1,170.29	\$3,055.00	4,225.29
Final homestead entries.	93	[12,282.10]	319.54		319.54
Final entries under the timber-culture laws.	136	[20,345.81]		544.00	544.00
Original homestead entries (Ponca Indian Reservation).	229	31,978.41	801.23	2,095.00	2,896.23
Commissions on Ponca commuted homesteads.			19.33		19.33
State selections.	41	6,554.48		82.00	82.00
Applications to purchase town sites.	1			2.00	2.00
Soldiers' and sailors' homestead declaratory statements.	1			2.00	2.00
Amount received for reducing testimony to writing.				1,565.83	1,565.83
Total of all classes of entries and amount received therefrom.	868	85,234.78	2,310.39	7,345.83	12,290.06
Salaries, fees, and commissions of register and receiver.					5,522.39
Expense of depositing.					21.30
Incidental expenses.					1,360.35
Total.					6,904.04
Cash sales, Ponca Indian lands:					
Public auction.	6	240.00			120.00
Commutated homesteads.	8	[1,173.40]			1,196.70
Excesses.	12	18.80			23.16
Final homesteads.	17	[2,595.11]			2,888.00
Total.	43	258.80			4,227.86
Cash receipts from Omaha lands, installment and interest payments.					24,860.95

SIDNEY, NEBR.

Sales of land at public auction.	1	20.40			\$25.50
Excess payments on homestead, timber-culture, and other entries and locations.	3	5.53			7.26
Homestead entries commuted to cash under section 2301, Revised Statutes.	2	[54.70]			68.38
Total cash sales.	6	25.93			101.14
Original homestead entries.	74	10,356.96	\$369.27	\$670.00	1,039.27
Final homestead entries.	125	[19,554.63]	745.88		745.88
Final entries under the timber-culture laws.	119	[18,662.16]		476.00	476.00
Amount received for reducing testimony to writing.				714.26	714.26
Total of all classes of entries and amount received therefrom.	324	10,382.89	1,115.15	1,860.26	3,076.55
Salaries, fees, and commissions of register and receiver.					3,118.33
Expense of depositing.					4.50
Incidental expenses.					201.60
Total.					3,324.43

Statement of the business transacted at local land offices, etc.—Continued.

VALENTINE, NEBR.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	2	120.00	-----	-----	\$154.00
Excess payments on homestead, timber-culture, and other entries and locations.....	34	96.50	-----	-----	120.73
Homestead entries commuted to cash under section 2301, Revised Statutes.....	35	[5,279.52]	-----	-----	6,599.16
Total cash sales.....	71	216.50	-----	-----	6,873.89
Original homestead entries.....	297	44,298.53	\$1,107.71	\$2,810.00	3,917.71
Final homestead entries.....	124	[19,121.73]	479.20	-----	479.20
Final entries under the timber-culture laws.....	197	[31,242.19]	-----	788.00	788.00
Soldiers' and sailors' homestead declaratory statements.....	1	-----	-----	2.00	2.00
Amount received for reducing testimony to writing.....	-----	-----	-----	826.86	826.86
Total of all classes of entries and amount received therefrom.....	690	44,515.03	1,586.91	4,426.86	12,887.66
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	4,341.24
Expense of depositing.....	-----	-----	-----	-----	15.00
Incidental expenses.....	-----	-----	-----	-----	1,066.04
Total.....	-----	-----	-----	-----	5,422.28

CARSON CITY, NEV.

Sales of land at public auction, Fort Halleck Military Reservation.....	1	40.00	-----	-----	\$50.00
Sales of mineral lands.....	25	552.72	-----	-----	2,820.00
Total cash sales.....	26	592.72	-----	-----	2,870.00
Original homestead entries.....	10	1,512.20	\$93.00	\$95.00	188.00
Final homestead entries.....	9	[1,409.04]	58.19	-----	58.19
Lands selected under grants to railroads.....	28	4,444.58	-----	56.00	56.00
State selections.....	254	27,380.08	-----	508.00	508.00
Applications to purchase mineral lands.....	39	-----	-----	390.00	390.00
Mineral protests, adverse claims.....	3	-----	-----	30.00	30.00
Amount received for reducing testimony to writing.....	-----	-----	-----	11.96	11.96
Total of all classes of entries and amount received therefrom.....	369	33,929.58	151.19	1,090.96	4,112.15
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	2,209.52
Expense of depositing.....	-----	-----	-----	-----	16.06
Incidental expenses.....	-----	-----	-----	-----	58.78
Total.....	-----	-----	-----	-----	2,284.36

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Statement of the business transacted at local land offices, etc.—Continued.

CLAYTON, N. MEX.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	1	40.00			\$50.00
Excess payments on homestead, timber-culture, and other entries and locations.	15	35.01			43.71
Original entries under the desert-land act	2	278.95			69.73
Homestead entries commuted to cash under section 2301, Revised Statutes...	2	[240.00]			300.00
Timber-culture entries commuted under act Mar. 3, 1891.....	1	[160.00]			200.00
Total cash sales.....	21	353.96			663.44
Original homestead entries.....	287	45,181.62	\$1,694.82	\$2,850.00	4,544.82
Final homestead entries.....	155	[24,457.70]	917.49		917.49
Final entries under the timber-culture laws.....	6	[960.00]		24.00	24.00
Applications to purchase coal lands.....	4			12.00	12.00
Amount received for reducing testimony to writing.....				342.40	342.40
Total of all classes of entries and amount received therefrom.....	473	45,535.58	2,612.31	3,228.40	6,504.15
Salaries, fees, and commissions of register and receiver.....					4,008.98
Expense of depositing.....					1.10
Incidental expenses.....					347.36
Total.....					4,852.44

LAS CRUCES, N. MEX.

Sales of mineral lands.....	8	141.56			\$730.00
Sales of coal lands.....	1	160.00			1,600.00
Excess payments on homestead, timber-culture, and other entries and locations.	9	14.88			18.60
Original entries under the desert-land act	29	5,960.95			1,490.24
Final entries under the desert-land act..	1	[80.00]			80.00
Homestead entries commuted to cash under section 2301, Revised Statutes...	2	[320.00]			400.00
Total cash sales.....	50	6,277.39			4,318.84
Original homestead entries.....	104	13,693.62	\$513.50	\$900.00	1,413.50
Final homestead entries.....	66	[9,103.48]	341.22		341.22
Final entries under the timber-culture laws.....	2	[320.00]		8.00	8.00
Applications to purchase mineral lands	14			140.00	140.00
Mineral protests, adverse claims.....	2			20.00	20.00
Amount received for reducing testimony to writing.....				257.82	257.82
Total of all classes of entries and amount received therefrom.....	238	19,971.01	854.72	1,325.82	6,499.38
Salaries, fees, and commissions of register and receiver.....					2,224.27
Expense of depositing.....					9.30
Incidental expenses.....					317.08
Total.....					2,550.65

Statement of the business transacted at local land offices, etc.—Continued.

ROSWELL, N. MEX.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of mineral lands.....	1	.59			\$5.00
Sales of coal lands.....	2	320.00			3,200.00
Supplemental payment.....	1	.06			.83
Excess payments on homestead, timber-culture, and other entries and locations.....	2	3.42			4.29
Original entries under the desert-land act.....	17	2,674.35			608.59
Final entries under the desert-land act.....	10	[2,039.79]			1,599.80
Homestead entries commuted to cash under section 2301, Revised Statutes.....	4	[600.00]			750.00
Total cash sales.....	37	2,999.02			6,228.51
Original homestead entries.....	77	11,462.81	\$429.88	\$730.60	1,159.88
Final homestead entries.....	39	[6,264.29]	234.93		234.93
Final entries under the timber-culture laws.....	2	[200.00]		8.00	8.00
Applications to purchase coal lands.....	35			105.00	105.00
Amount received for reducing testimony to writing.....				203.51	203.51
Total of all classes of entries and amount received therefrom.....	190	14,461.83	664.81	1,046.51	7,939.83
Salaries, fees, and commissions of register and receiver.....					2,105.74
Expense of depositing.....					28.50
Incidental expenses.....					287.03
Total.....					2,421.27

SANTA FE, N. MEX.

Sales of land subject to preemption entry.....	1	160.00			\$200.00
Sales of mineral lands.....	6	367.67			1,485.00
Sales of coal lands.....	3	360.00			7,200.00
Excess payments on homestead, timber-culture, and other entries and locations.....	18	54.12			67.70
Original entries under the desert-land act.....	23	2,885.63			721.40
Final entries under the desert-land act.....	5	[280.00]			280.00
Homestead entries commuted to cash under section 2301, Revised Statutes.....	9	[1,078.25]			1,347.81
Total cash sales.....	65	3,827.42			11,301.91
Original homestead entries.....	278	41,802.75	\$1,629.98	\$2,670.00	4,299.98
Final homestead entries.....	111	[16,448.45]	644.06		644.06
Final entries under the timber-culture laws.....	6	[600.42]		24.00	24.00
Small holdings (acts Mar. 3, 1891, and Feb. 21, 1893).....	33	1,483.07			
Applications to purchase mineral lands.....	12			120.00	120.00
Applications to purchase coal lands.....	25			75.00	75.00
Mineral protests, adverse claims.....	3			30.00	30.00
Soldiers' and sailors' homestead declaratory statements.....	3			9.00	9.00
Amount received for reducing testimony to writing.....				292.09	292.09
Total of all classes of entries and amount received therefrom.....	536	47,113.24	2,274.04	3,220.09	16,793.04
Salaries, fees, and commissions of register and receiver.....					4,050.16
Incidental expenses.....					962.93
Total.....					5,013.09

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Statement of the business transacted at local land offices, etc.—Continued.

BISMARCK, N. DAK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	3	479.26	-----	-----	\$799.07
Sales of land at public auction.	1	20.86	-----	-----	26.08
Excess payments on homestead, timber-culture, and other entries and locations.	65	128.50	-----	-----	261.28
Homestead entries commuted to cash under section 2301, Revised Statutes.	13	[1,808.69]	-----	-----	2,348.38
Timber-culture entries commuted under act Mar. 3, 1891	1	[160.00]	-----	-----	200.00
Total cash sales	83	628.62	-----	-----	3,634.81
Original homestead entries.....	1,148	179,817.94	\$7,624.64	\$11,345.00	18,969.64
Final homestead entries.....	347	[54,464.44]	2,084.51	-----	2,084.51
Final entries under the timber-culture laws.....	263	[41,365.06]	-----	1,044.00	1,044.00
Lands selected under grants to railroads.	730	116,455.67	-----	1,460.00	1,460.00
State selections.....	92	14,956.33	-----	184.00	184.00
Soldiers' and sailors' homestead declaratory statements.....	3	-----	-----	6.00	6.00
Amount received for reducing testimony to writing.....	-----	-----	-----	607.17	607.17
Total of all classes of entries and amount received therefrom	2,666	311,858.56	9,709.15	14,646.17	27,960.13
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	6,000.00
Expense of depositing.....	-----	-----	-----	-----	29.39
Incidental expenses.....	-----	-----	-----	-----	1,349.92
Total	-----	-----	-----	-----	7,379.31

DEVILS LAKE, N. DAK.

Sales of land subject to preemption entry.	9	1,405.40	-----	-----	\$1,756.75
Sales of land at public auction.	42	2,267.74	-----	-----	3,226.29
Excess payments on homestead, timber-culture, and other entries and locations.	235	544.19	-----	-----	680.76
Homestead entries commuted to cash under section 2301, Revised Statutes.	79	[11,640.00]	-----	-----	14,547.00
Total cash sales	365	4,217.33	-----	-----	20,210.80
Original homestead entries.....	3,368	521,680.63	\$13,020.70	\$32,910.00	45,930.70
Final homestead entries.....	522	[81,045.85]	2,032.40	-----	2,032.40
Final entries under the timber-culture laws.....	375	[59,841.48]	-----	1,500.00	1,500.00
Lands entered with agricultural college scrip	1	[160.00]	-----	-----	-----
Lands entered with Sioux half-breed scrip	1	80.00	-----	-----	-----
Indian allotments.....	4	395.82	-----	-----	-----
State selections.....	26	4,161.03	-----	52.00	52.00
Applications to purchase coal lands.	1	-----	-----	2.00	2.00
Soldiers' and sailors' homestead declaratory statements.....	12	-----	-----	24.00	24.00
Amount received for reducing testimony to writing.....	-----	-----	-----	1,024.90	1,024.90
Total of all classes of entries and amount received therefrom	4,675	530,534.81	15,053.10	35,512.90	70,776.80
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	6,000.00
Expense of depositing.....	-----	-----	-----	-----	77.55
Incidental expenses.....	-----	-----	-----	-----	1,423.12
Total	-----	-----	-----	-----	7,500.67

Statement of the business transacted at local land offices, etc.—Continued.

FARGO, N. DAK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries].

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	2	76.00			\$85.00
Act Mar. 3, 1887.....	8	1,559.03			3,597.57
Excess payments on homestead, timber-culture, and other entries and locations.....	27	80.71			157.91
Homestead entries commuted to cash under section 2301, Revised Statutes.....	13	[1,564.17]			2,535.93
Timber-culture entries commuted under act Mar. 3, 1891.....	3	[480.00]			600.00
Total cash sales.....	53	1,715.74			6,986.41
Original homestead entries.....	617	91,158.36	\$3,949.01	\$5,845.00	9,794.01
Final homestead entries.....	458	[70,900.21]	2,897.94		2,897.94
Final entries under the timber-culture laws.....	287	[44,957.69]		1,148.00	1,148.00
Lands selected under grants to railroads.....	1	160.00		2.00	2.00
State selections.....	8	1,253.23		16.00	16.00
Amount received for reducing testimony to writing.....				1,041.99	1,041.99
Total of all classes of entries and amount received therefrom.....	1,424	94,287.33	6,846.95	8,052.99	21,886.35
Salaries, fees, and commissions of register and receiver.....					6,000.00
Expense of depositing.....					5.40
Incidental expenses.....					954.88
Total.....					6,960.28

GRAND FORKS, N. DAK.

Sales of land subject to preemption entry.....	3	360.00			\$450.00
Sales of land at public auction.....	22	1,178.22			1,478.06
Excess payments on homestead, timber-culture, and other entries and locations.....	51	222.57			278.27
Homestead entries commuted to cash under section 2301, Revised Statutes.....	60	[8,314.51]			10,393.14
Timber-culture entries commuted under act Mar. 3, 1891.....	1	[80.00]			100.00
Total cash sales.....	137	1,760.79			12,699.47
Original homestead entries.....	1,434	218,481.49	\$5,463.28	\$13,860.00	19,323.28
Final homestead entries.....	262	[38,045.68]	976.70		976.70
Final entries under the timber-culture laws.....	193	[29,373.04]		772.00	772.00
Lands entered with military bounty land warrants.....	1	[120.00]		3.00	3.00
Agricultural college scrip relocations.....	10	[1,600.00]			
Amount received for reducing testimony to writing.....				863.55	863.55
Total of all classes of entries and amount received therefrom.....	2,037	220,242.28	6,439.98	15,498.55	34,638.00
Salaries, fees, and commissions of register and receiver.....					6,000.00
Expense of depositing.....					85.20
Incidental expenses.....					1,442.88
Total.....					7,478.08

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Statement of the business transacted at local land offices, etc.—Continued

MINOT, N. DAK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations.	31	73.75	-----	-----	\$92.13
Original entries under the desert-land act	1	240.00	-----	-----	60.00
Homestead entries commuted to cash under section 2301, Revised Statutes.	2	[320.00]	-----	-----	400.00
Timber-culture entries commuted under act Mar. 3, 1891	1	[160.00]	-----	-----	200.00
Total cash sales	35	313.75	-----	-----	752.13
Original homestead entries	791	125,249.48	\$3,131.35	\$7,865.00	10,996.85
Final homestead entries	20	[3,178.19]	79.85	-----	79.85
Final entries under the timber-culture laws	4	[639.55]	-----	16.00	16.00
Lands selected under grants to railroads.	1	80.00	-----	2.00	2.00
State selections	37	5,891.05	-----	72.00	72.00
Applications to purchase coal lands.	21	-----	-----	42.00	42.00
Preemption declaratory statements.	2	-----	-----	4.00	4.00
Soldiers' and sailors' homestead declaratory statements.	19	-----	-----	38.00	38.00
Amount received for reducing testimony to writing	-----	-----	-----	218.54	218.54
Total of all classes of entries and amount received therefrom	930	131,534.28	3,211.20	8,257.54	12,220.87
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	4,618.76
Expense of depositing	-----	-----	-----	-----	24.75
Incidental expenses	-----	-----	-----	-----	232.20
Total	-----	-----	-----	-----	4,875.71

ALVA, OKLA.

Homestead entries commuted to cash under section 19, act of Aug. 15, 1894.	92	[14,171.56]	-----	-----	\$17,413.77
Interest on same	-----	-----	-----	-----	2,581.78
Total cash sales	92	[14,171.56]	-----	-----	19,945.55
Original homestead entries	856	130,836.21	\$3,270.88	\$8,280.00	11,550.88
Soldiers' and sailors' homestead declaratory statements	8	-----	-----	16.00	16.00
Amount received for reducing testimony to writing	-----	-----	-----	1,183.98	1,183.98
Total of all classes of entries and amount received therefrom	956	130,836.21	3,270.88	9,479.98	32,696.41
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	5,666.28
Expense of depositing	-----	-----	-----	-----	39.45
Incidental expenses	-----	-----	-----	-----	842.32
Total	-----	-----	-----	-----	6,548.03

Statement of the business transacted at local land offices, etc.—Continued.

ENID, OKLA.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Homestead entries commuted to cash under section 19, act of Aug. 15, 1894.....	369	[56,854.07]			\$86,080.66
Interest on same.....					12,727.29
Total cash sales.....	369	[56,854.07]			98,807.95
Original homestead entries.....	540	81,440.18	\$2,038.07	\$5,190.00	7,228.07
Soldiers' and sailors' homestead declaratory statements.....	1			2.00	2.00
Amount received for reducing testimony to writing.....				1,657.54	1,657.54
Total of all classes of entries and amount received therefrom.....	910	81,440.18	2,038.07	6,849.54	107,695.56
Salaries, fees, and commissions of register and receiver.....					6,000.00
Expense of depositing.....					22.89
Incidental expenses.....					1,390.39
Total.....					7,413.28

GUTHRIE, OKLA.

Excess payments on homestead, timber-culture, and other entries and locations.....	3	5.42			\$6.78
Homestead entries commuted to cash (Indian lands) under special acts.....	223	[30,957.70]			38,778.14
Homestead entries commuted to cash (old Oklahoma) under act May 2, 1890.....	1	[76.80]			96.00
Total cash sales.....	227	5.42			38,880.92
Original homestead entries.....	155	17,336.27	\$458.67	\$1,195.00	1,653.67
Final homestead entries.....	409	[56,162.79]	1,323.64		1,323.64
Final commissions on Sac and Fox lands.....			580.84		580.84
Amount received for reducing testimony to writing.....				747.13	747.13
Total of all classes of entries and amount received therefrom.....	791	17,341.69	2,363.15	1,942.13	43,186.20
Salaries, fees, and commissions of register and receiver.....					4,023.47
Expense of depositing.....					48.40
Incidental expenses.....					1,914.11
Total.....					5,985.98

KINGFISHER, OKLA.

Excess payments on homestead, timber-culture, and other entries and locations.....	5	32.31			\$40.89
Homestead entries commuted to cash under act May 2, 1890, and Oct. 20, 1893.....	47	[6,942.05]			10,313.35
Cash payments on final homesteads.....	13	[1,999.60]			2,999.40
Total cash sales.....	65	32.31			13,353.64
Original homestead entries.....	945	145,956.40	\$3,650.01	\$9,225.00	12,875.01
Final homestead entries.....	314	[47,296.46]	1,181.77		1,181.77
State selections.....	16	2,546.73		32.00	32.00
Soldiers and sailors' homestead declaratory statements.....	36			72.00	72.00
Amount received for reducing testimony to writing.....				925.36	925.36
Total of all classes of entries and amount received therefrom.....	1,376	148,535.44	4,831.78	10,254.36	28,439.78
Salaries, fees, and commissions of register and receiver.....					5,905.87
Expense of depositing.....					7.47
Incidental expenses.....					1,220.81
Total.....					7,134.15

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Statement of the business transacted at local land offices, etc.—Continued.

MANGUM, OKLA.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations.	168	821.57	-----	-----	\$1,026.96
Sales of lands under act Jan. 18, 1897	909	136,854.28	-----	-----	29,101.65
Sales of town sites, act Jan. 18, 1897	2	200.00	-----	-----	250.00
Total cash sales	1,079	137,875.85	-----	-----	30,578.61
Original homestead entries	3,011	477,552.06	\$11,939.63	\$30,025.00	41,064.63
Final homestead entries	304	[48,262.81]	1,206.58	-----	1,206.58
Application to purchase town sites	2	-----	-----	4.00	4.00
Soldiers and sailors' homestead declaratory statements	1	-----	-----	2.00	2.00
Amount received for reducing testimony to writing	-----	-----	-----	386.99	386.99
Total of all classes of entries and amount received therefrom	4,397	615,427.91	13,146.21	30,417.99	73,942.83
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Expense of depositing	-----	-----	-----	-----	27.30
Incidental expenses	-----	-----	-----	-----	1,976.52
Total	-----	-----	-----	-----	8,003.82

OKLAHOMA, OKLA.

Sales of land at public auction	1	19.60	-----	-----	\$44.10
Excess payments on homestead, timber-culture, and other entries and locations.	5	17.83	-----	-----	22.28
Homestead entries commuted to cash under act May 2, 1890	77	[10,502.22]	-----	-----	15,121.58
Indian lands commuted under special acts	78	[10,656.87]	-----	-----	14,493.67
Total cash sales	161	37.43	-----	-----	29,681.63
Original homestead entries	1,824	267,212.70	\$6,681.85	\$17,040.00	23,721.85
Final homestead entries	278	[44,425.24]	1,167.06	-----	1,167.06
Soldiers and sailors' homestead declaratory statements	8	-----	-----	16.00	16.00
Amount received for reducing testimony to writing	-----	-----	-----	707.75	707.75
Total of all classes of entries and amount received therefrom	2,271	267,250.13	7,848.91	17,763.75	55,294.29
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Expense of depositing	-----	-----	-----	-----	60.20
Incidental expenses	-----	-----	-----	-----	3,055.86
Total	-----	-----	-----	-----	9,116.06

PERRY, OKLA.

Homestead entries commuted to cash under section 19, act Aug. 15, 1894	132	[18,296.04]	-----	-----	\$45,742.68
Homestead entries commuted to cash under section 2, act June 15, 1880, interest payments	-----	-----	-----	-----	5,980.32
Total cash sales	132	[18,296.04]	-----	-----	51,723.00
Original homestead entries	628	85,152.33	\$2,128.42	\$5,460.00	7,588.42
Soldiers and sailors' homestead declaratory statements	4	-----	-----	8.00	8.00
Amount received for reducing testimony to writing	-----	-----	-----	1,323.95	1,323.95
Total of all classes of entries and amount received therefrom	764	85,152.33	2,128.42	6,791.95	60,643.37
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	5,466.26
Expense of depositing	-----	-----	-----	-----	73.20
Incidental expenses	-----	-----	-----	-----	1,512.40
Total	-----	-----	-----	-----	7,056.86

Statement of the business transacted at local land offices, etc.—Continued.

WOODWARD, OKLA.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations.	17	24.99	-----	-----	\$81.23
Homestead entries commuted to cash under section 19, act Aug. 15, 1894	65	[10,148.30]	-----	-----	10,797.22
Interest payments			-----	-----	815.59
Total cash sales	82	24.99	-----	-----	11,644.04
Original homestead entries	567	88,467.53	\$2,211.12	\$5,575.00	7,786.12
Final homestead entries	77	[12,289.78]	307.24	-----	807.24
Soldiers and sailors' homestead declaratory statements	4	-----	-----	8.00	8.00
Amount received for reducing testimony to writing			-----	683.48	683.48
Total of all classes of entries and amount received therefrom	730	88,492.52	2,518.36	6,266.48	20,428.88
Salaries, fees, and commissions of register and receiver			-----	-----	4,442.54
Incidental expenses			-----	-----	82.08
Total			-----	-----	4,474.62

BURNS, OREG.

Sales of land subject to preemption entry.	5	640.00	-----	-----	\$800.00
Excess payments on homestead, timber-culture, and other entries and locations.	19	112.41	-----	-----	140.58
Original entries under the desert-land act	24	4,453.68	-----	-----	1,113.45
Final entries under the desert-land act	12	[1,111.30]	-----	-----	1,111.30
Homestead entries commuted to cash under section 2301, Revised Statutes	8	[900.07]	-----	-----	1,125.09
Total cash sales	68	5,206.09	-----	-----	4,290.42
Original homestead entries	138	19,709.77	\$740.12	\$1,285.00	2,025.12
Final homestead entries	66	[9,865.89]	370.02	-----	370.02
Final entries under the timber-culture laws	22	[2,802.51]	-----	88.00	88.00
Indian allotments	110	17,541.96	-----	-----	-----
State selections	48	5,469.48	-----	96.00	96.00
Wagon-road selections	255	40,714.72	-----	510.00	510.00
Applications to purchase timber and stone lands	1	-----	-----	10.00	10.00
Preemption declaratory statements	2	-----	-----	6.00	6.00
Amount received for reducing testimony to writing			-----	209.18	209.18
Total of all classes of entries and amount received therefrom	710	88,642.00	1,110.14	2,204.18	7,604.74
Salaries, fees, and commissions of register and receiver			-----	-----	3,772.88
Expense of depositing			-----	-----	1.44
Incidental expenses			-----	-----	709.29
Total			-----	-----	4,483.61

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Statement of the business transacted at local land offices, etc.—Continued.

LAGRANDE, OREG.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	3	480.00	-----	-----	\$600.00
Sales of land at public auction	11	725.91	-----	-----	907.39
Sales of timber and stone lands	16	1,608.13	-----	-----	4,020.32
Sales of mineral lands	17	909.46	-----	-----	3,625.00
Act Sept. 29, 1890	10	1,387.89	-----	-----	1,734.87
Excess payments on homestead, timber-culture, and other entries and locations.	40	120.14	-----	-----	150.18
Original entries under the desert-land act	4	431.40	-----	-----	107.85
Final entries under the desert-land act	2	[440.00]	-----	-----	440.00
Homestead entries commuted to cash under section 2301, Revised Statutes	12	[1,714.31]	-----	-----	2,142.89
Total cash sales	115	5,662.93	-----	-----	13,728.50
Original homestead entries	368	54,678.90	\$2,062.62	\$3,520.00	5,582.62
Final homestead entries	283	[43,577.27]	1,646.15	-----	1,646.15
Final entries under the timber-culture laws	21	[3,280.00]	-----	84.00	84.00
State selections	61	6,973.53	-----	122.00	107.85
Applications to purchase mineral lands	14	-----	-----	140.00	140.00
Applications to purchase coal lands	1	-----	-----	3.00	3.00
Applications to purchase timber and stone lands	16	-----	-----	160.00	160.00
Mineral protests, adverse claims	2	-----	-----	20.00	20.00
Amount received for reducing testimony to writing	-----	-----	-----	607.19	607.19
Total of all classes of entries and amount received therefrom	881	67,315.36	3,708.77	4,656.19	22,093.46
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Expense of depositing	-----	-----	-----	-----	38.60
Incidental expenses	-----	-----	-----	-----	1,331.20
Total	-----	-----	-----	-----	7,369.80

LAKEVIEW, OREG.

Sales of land at public auction	44	1,511.73	-----	-----	\$2,927.00
Excess payments on homestead, timber-culture, and other entries and locations.	3	19.27	-----	-----	24.10
Original entries under the desert-land act	13	2,281.34	-----	-----	570.33
Homestead entries commuted to cash under section 2301, Revised Statutes	3	[313.80]	-----	-----	392.25
Timber-culture entries commuted under act Mar. 3, 1891	2	[200.00]	-----	-----	250.00
Total cash sales	65	3,812.34	-----	-----	4,163.68
Original homestead entries	72	10,732.46	\$402.53	\$685.00	1,087.53
Final homestead entries	62	[9,750.80]	365.15	-----	365.15
Final entries under the timber-culture laws	15	[2,239.80]	-----	60.00	60.00
State selections	37	3,553.32	-----	74.00	74.00
Amount received for reducing testimony to writing	-----	-----	-----	177.76	177.76
Total of all classes of entries and amount received therefrom	251	18,098.12	767.68	996.76	5,928.12
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	2,172.71
Incidental expenses	-----	-----	-----	-----	400.27
Total	-----	-----	-----	-----	2,572.98

Statement of the business transacted at local land offices, etc.—Continued.

OREGON CITY, OREG.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.....	1	157.42	-----	-----	\$196.78
Sales of land at public auction.....	1	47.93	-----	-----	59.91
Sales of timber and stone lands.....	1	80.00	-----	-----	200.00
Act Aug. 15, 1894 (Siletz Indian Reservation).....	9	[481.33] 7.92	-----	-----	252.58
Excess payments on homestead, timber-culture, and other entries and locations.....	21	105.65	-----	-----	145.54
Homestead entries commuted to cash under section 2301, Revised Statutes.....	8	[1,160.00]	-----	-----	1,450.00
Total cash sales.....	41	398.92	-----	-----	2,304.81
Original homestead entries.....	133	17,576.02	\$743.78	\$1,190.00	1,933.78
Final homestead entries.....	434	[62,421.14]	2,600.84	-----	2,600.84
State selections.....	192	28,165.51	-----	384.00	384.00
Applications to purchase timber and stone lands.....	1	-----	-----	10.00	10.00
Soldiers' and sailors' homestead declaratory statements.....	1	-----	-----	3.00	3.00
Amount received for reducing testimony to writing.....	-----	-----	-----	866.16	866.16
Total of all classes of entries and amount received therefrom.....	802	46,140.45	3,344.62	2,453.16	8,102.59
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	5,653.84
Expense of depositing.....	-----	-----	-----	-----	5.50
Incidental expenses.....	-----	-----	-----	-----	2,499.24
Total.....	-----	-----	-----	-----	8,158.58

ROSEBURG, OREG.

Sales of timber and stone lands.....	2	320.00	-----	-----	\$800.00
Sales of mineral lands.....	3	340.08	-----	-----	905.00
Excess payments on homestead, timber-culture, and other entries and locations.....	16	76.26	-----	-----	120.40
Homestead entries commuted to cash under section 2301, Revised Statutes.....	6	[550.24]	-----	-----	737.80
Total cash sales.....	27	736.34	-----	-----	2,563.20
Original homestead entries.....	215	28,130.58	\$1,523.64	\$1,885.00	3,408.64
Final homestead entries.....	266	[36,937.09]	2,091.90	-----	2,091.90
Lands entered under the donation act (wagon-road selections).....	44	6,949.49	-----	88.00	88.00
Lands selected under grants to railroads.....	504	79,994.32	-----	1,008.00	1,008.00
State selections.....	29	2,430.03	-----	58.00	58.00
Indian allotments.....	4	408.46	-----	-----	-----
Applications to purchase mineral lands.....	2	-----	-----	20.00	20.00
Applications to purchase coal lands.....	2	-----	-----	6.00	6.00
Applications to purchase timber and stone lands.....	2	-----	-----	20.00	20.00
Soldiers' and sailors' homestead declaratory statements.....	2	-----	-----	6.00	6.00
Amount received for reducing testimony to writing.....	-----	-----	-----	290.07	290.07
Total of all classes of entries and amount received therefrom.....	1,097	118,649.22	3,615.54	3,381.07	9,559.81
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	6,000.00
Expense of depositing.....	-----	-----	-----	-----	16.15
Incidental expenses.....	-----	-----	-----	-----	2,705.59
Total.....	-----	-----	-----	-----	8,721.74

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Statement of the business transacted at local land offices, etc.—Continued.

THE DALLES, OREG.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	1	80.00			\$100.00
Sales of land at public auction	7	320.00			412.50
Sales of timber and stone lands	1	160.00			400.00
Under act Sept. 29, 1890	28	4,888.65			8,116.81
Excess payments on homestead, timber-culture, and other entries and locations	41	204.13			255.14
Original entries under the desert-land act	9	890.50			207.62
Homestead entries commuted to cash under section 2301, Revised Statutes	26	[3,688.62]			4,602.06
Timber-culture entries commuted under act Mar. 3, 1891	1	[160.00]			200.00
Total cash sales	114	6,483.28			12,288.13
Original homestead entries	512	79,007.33	\$2,962.82	\$4,990.00	7,952.82
Final homestead entries	316	[48,845.91]	1,825.59		1,825.59
Final entries under the timber-culture laws	122	[18,024.07]		488.00	488.00
State selections	240	33,380.81		480.00	480.00
Military Wagon Road Co.	210	33,787.85		424.00	424.00
Applications to purchase timber and stone lands	1			10.00	10.00
Amount received for reducing testimony to writing				613.15	613.15
Total of all classes of entries and amount received therefrom	1,515	152,669.27	4,788.41	7,005.15	24,081.69
Salaries, fees, and commissions of register and receiver					6,000.00
Expense of depositing					29.60
Incidental expenses					1,420.44
Total					7,450.04

ABERDEEN, S. DAK.

Excess payments on homestead, timber-culture, and other entries and locations	22	115.28			\$144.15
Homestead entries commuted to cash under section 2301, Revised Statutes	5	[560.00]			700.00
Total cash sales	27	115.28			844.15
Original homestead entries	359	54,836.66	\$1,372.90	\$3,490.00	4,862.90
Final homestead entries	229	[36,104.86]	903.57		903.57
Final entries under the timber-culture laws	311	[48,999.26]		1,244.00	1,244.00
Soldiers' and sailors' homestead declaratory statements	1			2.00	2.00
Amount received for reducing testimony to writing				657.71	657.71
Total of all classes of entries and amount received therefrom	927	54,951.94	2,276.47	5,393.71	8,514.33
Salaries, fees, and commissions of register and receiver					5,197.03
Expense of depositing					2.60
Incidental expenses					799.68
Total					5,999.31

Statement of the business transacted at local land offices, etc.—Continued.

CHAMBERLAIN, S. DAK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	1	40.00			\$50.00
Excess payments on homestead, timber-culture, and other entries and locations.....	2	17.04			21.30
Homestead entries commuted to cash under section 2301, Revised Statutes.....	13	[1,851.50]			2,315.63
Competitive bid.....					1.00
Total cash sales.....	16	57.04			2,387.93
Original homestead entries.....	199	30,103.35	\$753.08	\$1,940.00	2,093.08
Final homestead entries.....	30	[4,757.01]	118.93		118.93
Final entries under the timber-culture laws.....	21	[3,263.13]		84.00	84.00
Lands entered with military bounty land warrants, original homestead entries (Sioux Indian Reservation).....	162	23,938.07	598.09	1,535.00	2,133.09
Final commissions on commuted Sioux homesteads.....			42.78		42.78
Soldiers' and sailors' homestead declaratory statements.....	1			2.00	2.00
Amount received for reducing testimony to writing.....				519.36	519.36
Total of all classes of entries and amount received therefrom.....	429	54,098.46	1,512.88	4,080.36	7,981.17
Salaries, fees, and commissions of register and receiver.....					3,206.60
Expense of depositing.....					3.00
Incidental expenses.....					872.05
Total.....					4,081.65
Cash sales, Sioux Indian lands, commuted and final homesteads.....	22	[3,156.10]			3,014.35

HURON, S. DAK.

Excess payments on homestead, timber-culture, and other entries and locations.....	11	27.75			\$34.61
Homestead entries commuted to cash under section 2301, Revised Statutes.....	3	[400.00]			500.00
Total cash sales.....	14	27.75			534.61
Original homestead entries.....	213	32,425.85	\$810.94	\$2,065.00	2,875.94
Final homestead entries.....	158	[24,517.20]	613.31		613.31
Final entries under the timber-culture laws.....	255	[40,543.26]		1,020.00	1,020.00
Original homesteads (Sioux Indian Reservation).....	7	1,117.85	27.95	70.00	97.95
State selections.....	151	23,903.37		302.00	302.00
Soldiers' and sailors' homestead declaratory statements.....	2			4.00	4.00
Amount received for reducing testimony to writing.....				1,096.95	1,096.95
Total of all classes of entries and amount received therefrom.....	800	57,474.82	1,452.20	4,557.95	6,544.76
Salaries, fees, and commissions of register and receiver.....					4,877.69
Incidental expenses.....					1,333.80
Total.....					6,211.49
Cash sales of Sioux Indian lands: Commuted homesteads.....	2	[320.00]			160.00

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Statement of the business transacted at local land offices, etc.—Continued.

MITCHELL, S. DAK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	1	120.00	-----	-----	\$150.00
Sales of land at public auction.....	2	53.30	-----	-----	66.63
Sales of Yankton Sioux lands under act Aug. 15, 1894.....	241	{ [30,746.86] 28.83 }	-----	-----	22,455.86
Excess payments on homestead, timber- culture, and other entries and locations.	4	10.99	-----	-----	13.74
Homestead entries commuted to cash under section 2301, Revised Statutes.....	4	[437.02]	-----	-----	546.28
Total cash sales.....	252	{ [31,183.88] 213.12 }	-----	-----	23,232.51
Original homestead entries.....	294	39,165.89	\$979.34	\$2,615.00	3,594.34
Final homestead entries.....	163	[24,261.63]	606.62	-----	606.62
Final entries under the timber-culture laws.....	165	[23,251.88]	-----	660.00	660.00
Soldiers' and sailors' homestead declara- tory statements.....	49	-----	-----	98.00	98.00
Amount received for reducing testimony to writing.....	-----	-----	-----	1,338.91	1,338.91
Total of all classes of entries and amount received therefrom.....	923	39,379.01	1,585.96	4,711.91	29,530.38
Salaries, fees, and commissions of regis- ter and receiver.....	-----	-----	-----	-----	4,864.74
Expense of depositing.....	-----	-----	-----	-----	8.85
Incidental expenses.....	-----	-----	-----	-----	2,211.38
Total.....	-----	-----	-----	-----	7,084.97

PIERRE, S. DAK.

Excess payments on homestead, timber- culture, and other entries and locations.	3	12.02	-----	-----	\$15.03
Total cash sales.....	3	12.02	-----	-----	15.03
Original homestead entries.....	36	5,314.90	\$132.89	\$340.00	472.89
Final homestead entries.....	29	[4,631.51]	115.80	-----	115.80
Final entries under the timber-culture laws.....	49	[7,808.52]	-----	196.00	196.00
Lands entered with military bounty land warrants (Sioux Indian Reserva- tion).....	44	6,647.11	166.21	420.00	586.21
Amount received for reducing testimony to writing.....	-----	-----	-----	252.15	252.15
Total of all classes of entries and amount received therefrom.....	161	11,974.03	414.90	1,208.15	1,638.08
Salaries, fees, and commissions of regis- ter and receiver.....	-----	-----	-----	-----	1,863.30
Expense of depositing.....	-----	-----	-----	-----	3.60
Incidental expenses.....	-----	-----	-----	-----	305.92
Total.....	-----	-----	-----	-----	2,172.82

Statement of the business transacted at local land offices, etc.—Continued.

RAPID CITY, S. DAK.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.	1	80.00			\$100.00
Sales of land at public auction.	7	440.00			550.00
Sales of timber and stone lands.	7	711.44			1,778.61
Sales of mineral lands.	82	4,745.03			22,270.00
Excess payments on homestead, timber-culture, and other entries and locations.	15	36.40			45.54
Homestead entries commuted to cash under section 2301, Revised Statutes.	5	[787.85]			984.83
Total cash sales	117	6,012.87			25,728.98
Original homestead entries.	251	38,130.61	\$953.42	\$2,430.00	3,383.42
Final homestead entries.	117	[18,223.15]	455.61		455.61
Final entries under the timber-culture laws.	87	[13,132.83]		348.00	348.00
Original homesteads (Sioux Indian Reservation)	55	8,773.52	217.76	550.00	767.76
Final homestead commissions, Sioux Indian lands.			12.00		12.00
Applications to purchase mineral lands.	80			800.00	800.00
Applications to purchase coal lands.	6			12.00	12.00
Applications to purchase timber and stone lands.	6			60.00	60.00
Reservoir declaratory statements.	63			126.00	126.00
Mineral protests, adverse claims.	46			460.00	460.00
Amount received for reducing testimony to writing.				508.76	508.76
Total of all classes of entries and amount received therefrom.	828	52,917.00	1,638.79	5,294.76	32,662.53
Salaries, fees, and commissions of register and receiver.					5,468.04
Expense of depositing.					19.75
Incidental expenses.					1,236.67
Total.					6,724.46
Cash sales, Sioux Indian lands:					
Public sales.	2	321.90			182.23
Final homestead.	1	[165.45]			124.09
Total.	3	321.90			306.32

WATERTOWN, S. DAK.

Sales of land at public auction.	5	180.68			\$381.75
Excess payments on homestead, timber-culture, and other entries and locations.	5	28.59			35.75
Sales of Sisseton and Wahpeton lands.	4	[560.00]			1,400.00
Homestead entries commuted to cash under section 2301, Revised Statutes.	34	[4,664.15]			10,291.33
Total cash sales	48	218.27			12,108.83
Original homestead entries.	487	69,858.06	\$3,159.18	\$4,630.00	7,789.18
Final homestead entries.	202	[29,903.48]	834.38		834.38
Final entries under the timber-culture laws.	198	[29,513.33]		792.00	792.00
Lands entered with military bounty land warrants.	1	160.00		4.00	4.00
Preemption declaratory statements.	9			18.00	18.00
Soldiers' and sailors' homestead declaratory statements.	4			8.00	8.00
Amount received for reducing testimony to writing.				604.39	604.39
Total of all classes of entries and amount received therefrom.	949	70,236.33	3,993.56	6,056.39	22,158.78
Salaries, fees, and commissions of register and receiver.					5,744.88
Expense of depositing.					6.10
Incidental expenses.					1,426.90
Total.					7,177.88
Cash sales, Sioux Indian lands:					
Under act Mar. 3, 1863.	5	315.27			394.08
Supplemental payments.	4	[308.05]			295.71
Total.	9	315.27			689.79

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Statement of the business transacted at local land offices, etc.—Continued.

SALT LAKE CITY, UTAH.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of mineral lands	133	7,232.23			\$36,845.00
Sales of land under act Mar. 3, 1877	1	560.00			700.00
Excess payments on homestead, timber-culture, and other entries and locations	49	67.51			95.92
Original entries under the desert-land act	121	16,991.71			4,248.11
Final entries under the desert-land act	88	[12,555.00]			12,906.00
Homestead entries commuted to cash under section 2301, Revised Statutes	4	[280.00]			350.00
Sales of land under act of July 5, 1884	1	[80.00]			60.00
Total cash sales	447	24,851.50			54,704.03
Original homestead entries	565	80,212.04	\$3,490.66	\$5,165.00	8,655.66
Final homestead entries	352	[50,604.60]	2,286.57		2,286.57
Final entries under the timber-culture laws	18	[2,046.74]		72.00	72.00
Lands selected under grants to railroads	91	14,349.77		182.00	182.00
State selections	633	98,895.79		1,266.00	1,266.00
Applications to purchase mineral lands	161			1,610.00	1,610.00
Applications to purchase coal lands	26			78.00	78.00
Mineral protests, adverse claims	47			470.00	470.00
Amount received for reducing testimony to writing				662.84	662.84
Total of all classes of entries and amount received therefrom	2,340	218,309.10	5,777.23	9,505.84	69,987.10
Salaries, fees, and commissions of register and receiver					6,000.00
Incidental expenses					2,886.36
Total					8,886.36

NORTH YAKIMA, WASH.

Excess payments on homesteads, timber-culture, and other entries and locations	6	28.75			\$71.88
Original entries under the desert-land act	20	2,335.49			563.85
Final entries under the desert-land act	10	[1,007.30]			1,007.22
Timber-culture entry commuted under act Mar. 3, 1891	1	[40.00]			50.00
Total cash sales	37	2,304.24			1,712.95
Original homestead entries	78	11,047.82	\$823.03	\$725.00	1,548.03
Final homestead entries	65	[9,138.02]	658.94		658.94
Final entries under the timber-culture laws	11	[1,065.10]		44.00	44.00
Lands selected under grants to railroads	2	320.00		4.00	4.00
Applications to purchase coal lands	4			12.00	12.00
Amount received for reducing testimony to writing				269.20	269.20
Total of all classes of entries and amount received therefrom	197	13,732.06	1,481.97	1,054.20	4,249.12
Salaries, fees, and commissions of register and receiver					2,845.34
Expense of depositing					5.45
Incidental expenses					254.63
Total					3,105.47

Statement of the business transacted at local land offices, etc.—Continued.

OLYMPIA, WASH.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land subject to private entry	1	141.43	-----	-----	\$353.60
Sales of land subject to preemption entry	5	794.80	-----	-----	1,187.00
Sales of land at public auction	5	147.14	-----	-----	217.85
Sales of timber and stone lands	19	2,312.83	-----	-----	5,782.07
Sales of coal lands	1	120.00	-----	-----	2,400.00
Sales under act Mar. 3, 1887	3	160.00	-----	-----	400.00
Excess payments on homestead, timber-culture, and other entries and locations.	12	90.19	-----	-----	137.08
Homestead entries commuted to cash under section 2301, Revised Statutes	10	[1,385.54]	-----	-----	1,781.93
Total cash sales	56	3,766.39	-----	-----	12,259.53
Original homestead entries	97	13,248.83	\$724.08	\$870.00	1,594.08
Final homestead entries	209	[40,409.02]	2,441.61	-----	2,441.61
Lands entered with military bounty land warrants	1	[160.00]	-----	4.00	4.00
Lands selected under grants to railroads.	82	12,964.41	-----	164.00	164.00
State selections	147	23,328.93	-----	336.00	336.00
Applications to purchase coal lands	15	-----	-----	45.00	45.00
Applications to purchase timber and stone lands	19	-----	-----	190.00	190.00
Preemption declaratory statements	1	-----	-----	3.00	3.00
Amount received for reducing testimony to writing	-----	-----	-----	662.77	662.77
Total of all classes of entries and amount received therefrom	717	53,308.56	3,165.69	2,274.77	17,699.99
Salaries, fees, and commissions of regis-ter and receiver	-----	-----	-----	-----	5,698.02
Expense of depositing	-----	-----	-----	-----	9.75
Incidental expenses	-----	-----	-----	-----	913.83
Total	-----	-----	-----	-----	6,622.50

SEATTLE, WASH.

Sales of land subject to preemption entry	4	451.05	-----	-----	\$563.82
Sales of land at public auction	1	36.13	-----	-----	45.16
Sales of timber and stone lands	50	7,392.15	-----	-----	18,480.86
Sales of mineral lands	9	175.46	-----	-----	895.00
Sales of coal lands	2	476.10	-----	-----	7,961.00
Act Mar. 3, 1887	1	81.63	-----	-----	204.08
Excess payments on homestead, timber-culture, and other entries and locations.	15	48.21	-----	-----	60.31
Homestead entries commuted to cash under section 2301, Revised Statutes	16	[2,196.32]	-----	-----	2,945.40
Total cash sales	98	8,660.73	-----	-----	31,155.13
Original homestead entries	191	26,974.96	\$1,044.07	\$1,765.00	2,809.07
Final homestead entries	454	[63,115.57]	2,660.35	-----	2,660.35
Lands entered with military bounty land warrants	1	160.00	-----	4.00	4.00
Lands selected under grants to railroads.	112	17,457.41	-----	224.00	224.00
State selections	225	39,387.94	-----	450.00	450.00
Applications to purchase mineral lands.	8	-----	-----	80.00	80.00
Applications to purchase coal lands	12	-----	-----	36.00	36.00
Applications to purchase timber and stone lands	50	-----	-----	500.00	500.00
Mineral protests, adverse claims	9	-----	-----	90.00	90.00
Preemption declaratory statements	2	-----	-----	6.00	6.00
Soldiers' and sailors' homestead declaratory statements	1	-----	-----	3.00	3.00
Amount received for reducing testimony to writing	-----	-----	-----	826.17	826.17
Total of all classes of entries and amount received therefrom	1,163	92,641.04	3,704.42	3,984.17	38,843.72
Salaries, fees, and commissions of regis-ter and receiver	-----	-----	-----	-----	5,987.02
Incidental expenses	-----	-----	-----	-----	1,769.59
Total	-----	-----	-----	-----	7,756.61

350 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

SPOKANE, WASH.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry	5	658.70	-----	-----	\$823.38
Sales of land at public auction	13	510.04	-----	-----	946.96
Sales of timber and stone lands	1	40.00	-----	-----	100.00
Sales of mineral lands	2	181.12	-----	-----	455.00
Excess payments on homestead, timber-culture, and other entries and locations	34	182.58	-----	-----	362.17
Homestead entries commuted to cash under section 2301, Revised Statutes	10	[1,272.63]	-----	-----	1,840.77
Timber-culture entries commuted under act Mar. 3, 1891	1	[134.00]	-----	-----	335.00
Total cash sales	66	1,572.44	-----	-----	4,863.28
Original homestead entries	426	60,699.15	\$3,922.34	\$3,905.00	7,827.34
Final homestead entries	448	[67,002.84]	4,395.27	-----	4,395.27
Final entries under the timber-culture laws	79	[11,943.55]	-----	316.00	316.00
Lands selected under grants to railroads	196	31,104.88	-----	392.00	392.00
State selections, additional fees	-----	-----	-----	16.00	16.00
Applications to purchase mineral lands	28	-----	-----	280.00	280.00
Applications to purchase coal lands	1	-----	-----	3.00	3.00
Applications to purchase timber and stone lands	1	-----	-----	10.00	10.00
Mineral protests, adverse claims	7	-----	-----	70.00	70.00
Soldiers' and sailors' homestead declaratory statements	1	-----	-----	3.00	3.00
Amount received for reducing testimony to writing	-----	-----	-----	1,310.92	1,310.92
Total of all classes of entries and amount received therefrom	1,253	93,376.47	8,317.61	6,305.92	19,486.81
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Expense of depositing	-----	-----	-----	-----	44.10
Incidental expenses	-----	-----	-----	-----	2,361.63
Total	-----	-----	-----	-----	8,405.73
Colville Indian Reservation: Cash sales, mineral lands, under acts July 1, 1892, and Feb. 20, 1896	16	439.36	-----	-----	2,235.00

VANCOUVER, WASH.

Sales of land subject to preemption entry	1	160.00	-----	-----	\$400.00
Sales of timber and stone lands	14	1,951.17	-----	-----	4,877.93
Excess payments on homestead, timber-culture, and other entries and locations	10	68.90	-----	-----	88.64
Act Sept. 29, 1890	4	600.00	-----	-----	750.00
Act Mar. 3, 1887	2	132.31	-----	-----	330.77
Homestead entries commuted to cash under section 2301, Revised Statutes	2	[200.00]	-----	-----	250.00
Total cash sales	33	2,912.38	-----	-----	6,697.34
Original homestead entries	242	35,865.45	\$1,657.42	\$2,285.00	3,942.42
Final homestead entries	367	[53,293.58]	2,953.39	-----	2,953.39
Final entries under the timber-culture laws	6	[780.00]	-----	24.00	24.00
Lands selected under grants to railroads	110	17,314.32	-----	220.00	220.00
State selections	81	{ [14,154.87] 351.00 }	-----	162.00	162.00
Indian allotments	9	876.80	-----	-----	-----
Applications to purchase coal lands	20	-----	-----	60.00	60.00
Applications to purchase timber and stone lands	14	-----	-----	140.00	140.00
Preemption declaratory statements	2	-----	-----	6.00	6.00
Amount received for reducing testimony to writing	-----	-----	-----	541.82	541.82
Total of all classes of entries and amount received therefrom	884	57,319.95	4,610.81	3,438.82	14,746.97
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	6,000.00
Expense of depositing	-----	-----	-----	-----	21.85
Incidental expenses	-----	-----	-----	-----	1,261.20
Total	-----	-----	-----	-----	7,283.05

Statement of the business transacted at local land offices, etc.—Continued.

WALLA WALLA, WASH.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to private entry	1	40.00	-----	-----	\$50.00
Sales of land subject to preemption entry	3	479.77	-----	-----	599.71
Sales of land at public auction	7	364.67	-----	-----	455.84
Under act Sept. 29, 1890 (forfeited railroad lands)	3	400.00	-----	-----	500.00
Excess payments on homestead, timber-culture, and other entries and locations.	22	116.90	-----	-----	207.94
Original entries under the desert-land act	11	1,280.70	-----	-----	320.18
Final entries under the desert-land act	4	[560.00]	-----	-----	560.00
Homestead entries commuted to cash under section 2301, Revised Statutes	14	[1,573.45]	-----	-----	2,066.38
Total cash sales	65	2,682.04			4,760.05
Original homestead entries	249	35,962.05	\$2,027.05	\$2,300.00	4,327.05
Final homestead entries	150	[22,595.16]	1,193.92	-----	1,193.92
Final entries under the timber-culture laws	45	[6,346.16]	-----	180.00	180.00
Lands selected under grants to railroads.	2	168.73	-----	4.00	4.00
State selections	24	3,703.21	-----	48.00	48.00
Preemption declaratory statements	2	-----	-----	6.00	6.00
Amount received for reducing testimony to writing	-----	-----	-----	307.20	307.20
Total of all classes of entries and amount received therefrom	537	42,516.03	3,220.97	2,845.20	10,826.22
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	4,744.95
Expense of depositing	-----	-----	-----	-----	21.20
Incidental expenses	-----	-----	-----	-----	400.28
Total	-----	-----	-----	-----	5,166.43

WATERVILLE, WASH.

Sales of land subject to preemption entry	5	791.00	-----	-----	\$988.75
Sales of land at public auction	3	240.00	-----	-----	300.00
Sales of mineral lands	1	19.69	-----	-----	100.00
Excess payments on homestead, timber-culture, and other entries and locations.	19	68.33	-----	-----	88.36
Original entries under the desert-land act	5	600.00	-----	-----	150.00
Final entries under the desert land act	3	[93.75]	-----	-----	93.75
Homestead entries commuted to cash under section 2301, Revised Statutes	6	[787.31]	-----	-----	983.83
Total cash sales	42	1,719.02			2,704.69
Original homestead entries	244	36,890.91	\$1,436.59	\$2,340.00	3,776.59
Final homestead entries	155	[24,032.26]	1,043.18	-----	1,043.18
Final entries under the timber-culture laws	60	[9,220.60]	-----	240.00	240.00
Lands selected under grant to railroads.	1	40.00	-----	2.00	2.00
Preemption declaratory statements	2	-----	-----	6.00	6.00
Soldiers' and sailors' homestead declaratory statements	1	-----	-----	3.00	3.00
Amount received for reducing testimony to writing	-----	-----	-----	623.76	623.76
Total of all classes of entries and amount received therefrom	505	38,649.93	2,479.77	3,214.76	8,399.22
Salaries, fees, and commissions of register and receiver	-----	-----	-----	-----	4,408.54
Expense of depositing	-----	-----	-----	-----	118.40
Incidental expenses	-----	-----	-----	-----	1,004.57
Total	-----	-----	-----	-----	5,531.51

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Statement of the business transacted at local land offices, etc.—Continued.

ASHLAND, WIS.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to private entry	1	58.00			\$72.50
Sales of land at public auction	13	728.51			1,676.98
Sales of timber and stone lands	3	160.00			400.00
Excess payments on homestead, timber-culture, and other entries and locations.	5	39.71			56.04
Homestead entries commuted to cash under section 2301, Revised Statutes	25	[2,275.15]			3,748.27
Total cash sales	47	984.22			5,953.77
Original homestead entries	128	15,399.41	\$643.24	\$1,060.00	1,703.24
Final homestead entries	123	[15,681.68]	586.30		586.30
Lands entered with Sioux half-breed scrip	2	80.00			
Lands selected under grants to railroads	18	2,748.83		36.00	36.00
Applications to purchase timber and stone lands	2			20.00	20.00
Amount received for reducing testimony to writing				639.68	639.68
Total of all classes of entries and amount received therefrom	320	19,212.46	1,229.54	1,755.68	8,938.99
Salaries, fees, and commissions of register and receiver					3,044.29
Incidental expenses					226.08
Total					3,270.37

EAU CLAIRE, WIS.

Sales of land at public auction	6	267.75			\$434.69
Excess payments on homestead, timber-culture, and other entries and locations.	3	9.70			23.76
Homestead entries commuted to cash under section 2301, Revised Statutes	7	[476.00]			645.00
Total cash sales	16	277.45			1,103.45
Original homestead entries	399	37,178.46	\$1,428.14	\$2,750.00	,178.14
Final homestead entries	114	[10,806.42]	377.20		377.20
Amount received for reducing testimony to writing				489.45	489.45
Total of all classes of entries and amount received therefrom	529	37,455.91	1,805.34	3,239.45	6,148.24
Salaries, fees, and commissions of register and receiver					3,316.80
Incidental expenses					1,363.44
Total					4,710.30

Statement of the business transacted at local land offices, etc.—Continued.

WAUSAU, WIS.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	18	826.38	-----	-----	\$1,032.98
Excess payments on homestead, timber-culture, and other entries and locations.....	11	49.75	-----	-----	63.68
Homestead entries commuted to cash under section 2301, Revised Statutes.....	60	[4,402.47]	-----	-----	5,603.29
Total cash sales.....	89	876.13	-----	-----	6,699.95
Original homestead entries.....	450	42,488.01	\$1,162.23	\$3,205.00	4,367.23
Final homestead entries.....	98	[9,110.51]	257.27	-----	257.27
Soldiers' and sailors' homestead declaratory statements.....	1	-----	-----	2.00	2.00
Amount received for reducing testimony to writing.....	-----	-----	-----	745.27	745.27
Total of all classes of entries and amount received therefrom.....	638	43,364.14	1,419.50	3,952.27	12,071.72
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	3,291.27
Expense of depositing.....	-----	-----	-----	-----	4.70
Incidental expenses.....	-----	-----	-----	-----	414.90
Total.....	-----	-----	-----	-----	3,710.87

BUFFALO, WYO.

Sales of timber and stone lands.....	3	480.00	-----	-----	\$1,200.00
Sales of town lots.....	68	-----	-----	-----	1,191.00
Sales of coal lands.....	1	40.00	-----	-----	800.00
Excess payments on homestead, timber-culture, and other entries and locations.....	7	15.03	-----	-----	18.80
Original entries under the desert-land act.....	44	5,812.84	-----	-----	1,453.21
Final entries under the desert-land act.....	62	[9,713.71]	-----	-----	9,724.04
Homestead entries commuted to cash under section 2301, Revised Statutes.....	10	[1,400.00]	-----	-----	1,750.00
Total cash sales.....	195	6,347.87	-----	-----	16,137.05
Original homestead entries.....	96	15,116.17	\$566.86	\$950.00	1,516.86
Final homestead entries.....	74	[11,629.79]	436.19	-----	436.19
Final entries under the timber-culture laws.....	5	[799.62]	-----	20.00	20.00
State selections.....	171	26,919.94	-----	264.00	264.00
Applications to purchase coal lands.....	41	-----	-----	123.00	123.00
Applications to purchase timber and stone lands.....	3	-----	-----	30.00	30.00
Amount received for reducing testimony to writing.....	-----	-----	-----	142.58	142.58
Total of all classes of entries and amount received therefrom.....	585	48,383.98	1,003.05	1,529.58	18,669.68
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	2,915.33
Expense of depositing.....	-----	-----	-----	-----	113.66
Incidental expenses.....	-----	-----	-----	-----	472.94
Total.....	-----	-----	-----	-----	3,501.93

354 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

CHEYENNE, WYO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands	18	1,981.68			\$4,954.21
Sales of mineral lands	4	1,784.37			4,545.00
Excess payments on homestead, timber-culture, and other entries and locations.	8	36.27			67.39
Original entries under the desert-land act	59	9,061.56			2,235.41
Final entries under the desert-land act.	16	[3,289.56]			3,289.56
Homestead entries commuted to cash under section 2301, Revised Statutes.	3	[360.00]			650.00
Total cash sales	108	12,863.88			15,771.57
Original homestead entries	165	25,201.74	\$1,267.98	\$1,600.00	2,867.98
Final homestead entries	66	[9,999.88]	533.39		533.39
Final entries under the timber-culture laws	9	[1,383.18]		36.00	36.00
State selections	94	14,766.30		188.00	188.00
Lands selected under grants to railroads.	340	54,404.94		680.00	680.00
Applications to purchase mineral lands.	6			60.00	60.00
Applications to purchase coal lands	8			24.00	24.00
Applications to purchase timber and stone lands	18			180.00	180.00
Amount received for reducing testimony to writing				337.85	337.85
Total of all classes of entries and amount received therefrom	814	107,236.86	1,801.37	3,105.85	20,678.79
Salaries, fees, and commissions of register and receiver					4,595.56
Expense of depositing					25.00
Incidental expenses					1,184.12
Total					5,804.68

DOUGLAS, WYO.

Sales of land at public auction	1	28.76			\$35.95
Sales of mineral lands	3	900.10			2,250.25
Excess payments on homestead, timber-culture, and other entries and locations.	12	52.67			66.61
Original entries under the desert-land act	61	8,256.60			2,064.14
Final entries under the desert-land act.	7	[686.00]			687.45
Homestead entries commuted to cash under section 2301, Revised Statutes.	2	[240.52]			300.65
Total cash sales	86	9,238.13			5,405.05
Original homestead entries	135	20,652.79	\$774.72	\$1,302.50	2,077.22
Final homestead entries	42	[6,289.13]	235.34		235.34
Final entries under the timber-culture laws	6	[960.00]		24.00	24.00
State selections	86	17,846.45		172.00	172.00
Applications to purchase coal lands	10			30.00	30.00
Amount received for reducing testimony to writing				203.70	203.70
Total of all classes of entries and amount received therefrom	365	47,737.37	1,010.06	1,732.20	8,147.31
Salaries, fees, and commissions of register and receiver					2,547.79
Expense of depositing					9.85
Incidental expenses					351.60
Total					2,909.24

Statement of the business transacted at local land offices, etc.—Continued.

EVANSTON, WYO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of timber and stone lands.....	5	800.00			\$2,000.00
Sales of coal lands.....	5	720.00			14,400.00
Excess payments on homestead, timber-culture, and other entries and locations.	15	68.05			157.09
Original entries under the desert-land act	50	9,330.13			2,332.55
Final entries under the desert-land act.	27	[6,507.68]			6,507.68
Homestead entries commuted to cash under section 2301, Revised Statutes.....	1	[160.00]			200.00
Timber-culture entry commuted under act Mar. 3, 1891.....	1	[80.00]			100.00
Total cash sales.....	104	10,918.18			25,697.32
Original homestead entries.....	204	31,764.98	\$1,909.40	\$2,005.00	3,914.40
Final homestead entries.....	87	[13,605.11]	626.48		626.48
Final entries under the timber-culture laws.....	1	[40.00]		4.00	4.00
Lands selected under grants to railroads.	198	31,673.40		396.00	396.00
State selections.....	104	16,574.74		172.00	172.00
Applications to purchase coal lands.....	36			108.00	108.00
Applications to purchase timber and stone lands.....	5			50.00	50.00
Soldiers' and sailors' homestead declaratory statements.....	1			3.00	3.00
Amount received for reducing testimony to writing.....				359.96	359.96
Total of all classes of entries and amount received therefrom.....	740	90,931.30	2,535.88	3,097.96	31,331.16
Salaries, fees, and commissions of register and receiver.....					5,114.20
Expense of depositing.....					18.05
Incidental expenses.....					370.72
Total.....					5,502.97

LANDER, WYO.

Excess payments on homestead, timber-culture, and other entries and locations.	7	14.31			\$17.88
Original entries under the desert-land act	49	6,788.27			1,697.07
Final entries under the desert-land act.	24	[4,209.07]			4,201.71
Homestead entries commuted to cash under section 2301, Revised Statutes.....	3	[360.00]			450.00
Total cash sales.....	83	6,802.58			6,366.66
Original homestead entries.....	84	12,967.63	\$486.28	\$820.00	1,306.28
Final homestead entries.....	15	[2,374.51]	89.04		89.04
State selections.....	148	22,898.70		206.00	296.00
Applications to purchase coal lands.....	6			18.00	18.00
Amount received for reducing testimony to writing.....				64.23	64.23
Total of all classes of entries and amount received therefrom.....	336	42,668.91	575.32	1,198.23	8,140.21
Salaries, fees, and commissions of register and receiver.....					2,080.92
Expense of depositing.....					77.00
Incidental expenses.....					244.51
Total.....					2,402.43

356 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at local land offices, etc.—Continued.

SUNDANCE, WYO.

[The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land subject to preemption entry.....	1	160.00	-----	-----	\$200.00
Sales of land at public auction.....	3	120.00	-----	-----	150.00
Sales of timber and stone lands.....	1	160.00	-----	-----	400.00
Sales of mineral lands.....	2	71.10	-----	-----	360.00
Excess payments on homestead, timber-culture, and other entries and locations.....	19	40.81	-----	-----	51.01
Original entries under the desert-land act.....	1	195.32	-----	-----	48.83
Final entries under the desert-land act.....	2	[635.44]	-----	-----	635.44
Homestead entries commuted to cash under section 2301, Revised Statutes.....	9	[1,349.14]	-----	-----	1,666.43
Total cash sales.....	38	747.23	-----	-----	3,531.71
Original homestead entries.....	210	33,222.90	\$1,245.88	\$2,085.00	3,330.88
Final homestead entries.....	56	[8,900.67]	333.67	-----	333.67
Final entries under the timber-culture laws.....	7	[1,120.00]	-----	28.00	28.00
State selections.....	63	10,031.14	-----	126.00	126.00
Applications to purchase mineral lands.....	2	-----	-----	20.00	20.00
Applications to purchase coal lands.....	61	-----	-----	183.00	183.00
Applications to purchase timber and stone lands.....	1	-----	-----	10.00	10.00
Soldiers' and sailors' homestead declaratory statements.....	3	-----	-----	9.00	9.00
Amount received for reducing testimony to writing.....	-----	-----	-----	135.71	135.71
Total of all classes of entries and amount received therefrom.....	441	44,001.27	1,579.55	2,596.71	7,707.97
Salaries, fees, and commissions of register and receiver.....	-----	-----	-----	-----	3,161.88
Expense of depositing.....	-----	-----	-----	-----	7.15
Incidental expenses.....	-----	-----	-----	-----	233.40
Total.....	-----	-----	-----	-----	3,452.43

ILLINOIS.

Original homestead entries.....	1	40.00	\$1.00	\$5.00	\$6.00
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INDIANA.

Excess payments on homestead, timber-culture, and other entries and locations.....	1	3.10	-----	-----	\$3.98
Total cash sales.....	1	3.10	-----	-----	3.98
Original homestead entries.....	2	45.71	\$1.14	\$10.00	11.14
Final homestead entries.....	1	[5.71]	.14	-----	.14
Total of all classes of entries and amount received therefrom.....	4	48.81	1.28	10.00	15.26

OHIO.

Original homestead entries.....	1	40.00	\$1.00	\$5.00	\$6.00
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EXHIBIT A.—Statement showing the total amount of fees and commissions collected at the several local land offices during the fiscal year ended June 30, 1898; also the net revenue arising therefrom after deducting the amounts earned and paid to registers and receivers as compensation for services rendered during same period.

State and office.	Amount of fees and commissions from all sources.	Total.	Amount paid registers and receivers (salaries and commissions).	Total.	Deficit.	Revenue to United States.
Alabama:						
Huntsville	\$7,523.48		\$4,561.55			
Montgomery	10,212.78	\$17,736.26	5,287.83	\$9,849.38	-----	\$7,886.88
Alaska:						
Sitka	176.55	176.55	1,167.78	1,167.78	\$991.23	
Arizona:						
Prescott	3,367.82		3,299.68			
Tucson	2,762.59	6,130.41	2,665.10	5,964.78	-----	165.63
Arkansas:						
Camden	12,196.69		5,407.45			
Dardanelle	2,005.37		2,380.94			
Harrison	14,168.86		6,000.00			
Little Rock	6,519.78	34,890.70	3,761.56	17,549.95	-----	17,340.75
California:						
Humboldt	2,060.50		2,338.10			
Independence	992.00		1,903.60			
Los Angeles	6,979.80		5,981.95			
Marysville	1,631.43		2,246.62			
Redding	3,815.53		4,027.73			
Sacramento	3,529.72		3,730.50			
San Francisco	12,790.04		6,000.00			
Stockton	3,727.34		3,600.68			
Susanville	1,943.70		2,373.70			
Visalia	5,221.64	42,691.70	5,220.10	37,422.98	-----	5,268.72
Colorado:						
Akron	2,432.87		2,851.18			
Del Norte	1,835.82		2,213.86			
Denver	13,299.77		6,000.00			
Durango	2,612.63		3,153.40			
Glenwood	2,034.53		3,005.02			
Gunnison	1,300.91		2,407.63			
Hugo	871.47		1,703.78			
Lamar	1,575.81		2,006.86			
Leadville	2,540.96		3,810.36			
Montrose	2,347.17		3,302.63			
Pueblo	10,412.14		6,000.00			
Sterling	2,073.06	43,337.14	2,443.29	38,903.01	-----	4,434.13
Florida:						
Gainesville	11,331.07	11,331.07	5,923.06	5,923.06	-----	5,408.01
Idaho:						
Blackfoot	8,884.49		5,745.09			
Boise	4,834.82		3,899.18			
Cœur d'Alene	7,906.85		6,000.00			
Hailey	2,729.46		2,607.52			
Lewiston	11,012.69	35,368.31	5,932.50	24,184.29	-----	11,184.02
Iowa:						
Des Moines	562.80	562.80	1,541.08	1,541.08	978.28	
Kansas:						
Colby	6,057.81		5,599.98			
Dodge City	5,514.57		4,894.83			
Topeka	1,166.02		1,860.28			
Wakeeney	6,972.26	19,710.66	5,957.23	18,312.32	-----	1,398.34
Louisiana:						
Natchitoches	6,046.76		3,649.78			
New Orleans	12,989.49	19,036.25	6,000.00	9,649.78	-----	9,386.47
Michigan:						
Grayling	737.22		1,340.60			
Marquette	4,317.15	5,054.37	3,641.63	4,982.23	-----	72.14

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EXHIBIT A.—Statement showing the total amount of fees and commissions collected at the several local land offices, etc.—Continued.

State and office.	Amount of fees and commissions from all sources.	Total.	Amount paid registers and receivers (salaries and commissions).	Total.	Deficit.	Revenue to United States.
Minnesota:						
Crookston	\$20,949.81		\$6,000.00			
Duluth	10,898.55		6,000.00			
Marshall	1,905.50		2,520.16			
St. Cloud	12,485.77		6,000.00			
		\$46,227.63		\$20,520.16		\$25,707.47
Mississippi:						
Jackson	17,717.73	17,717.73	6,000.00	6,000.00		11,717.73
Missouri:						
Boonville	3,876.63		2,740.68			
Ironton	4,814.26		3,220.75			
Springfield	10,608.43	19,299.32	5,454.22	11,415.65		7,883.67
Montana:						
Bozeman	7,058.77		6,000.00			
Helena	17,230.20		6,000.00			
Kalispell	3,167.15		3,319.43			
Lewistown	6,388.55		5,237.64			
Miles City	2,157.10		2,382.07			
Missoula	3,988.85	39,990.12	4,411.14	27,350.28		12,639.84
Nebraska:						
Alliance	8,218.73		5,980.42			
Broken Bow	4,029.93		3,142.29			
Lincoln	1,656.53		2,211.86			
McCook	4,198.41		4,312.68			
North Platte	6,863.51		5,292.60			
O'Neill	9,656.22		5,522.39			
Sidney	2,975.41		3,118.33			
Valentine	6,013.77	43,612.51	4,841.24	33,921.81		9,690.70
Nevada:						
Carson City	1,242.15	1,242.15	2,209.52	2,209.52	\$967.37	
New Mexico:						
Clayton	5,840.71		4,003.98			
Las Cruces	2,180.54		2,224.27			
Roswell	1,711.32		2,105.74			
Santa Fe	5,494.13	15,226.70	4,050.16	12,384.15		2,842.55
North Dakota:						
Bismarck	24,355.32		6,000.00			
Devils Lake	50,566.00		6,000.00			
Fargo	14,899.94		6,000.00			
Grand Forks	21,938.53		6,000.00			
Minot	11,468.74	123,228.53	4,618.76	28,618.76		94,609.77
Oklahoma:						
Alva	12,750.86		5,666.26			
Enid	8,887.61		6,000.00			
Guthrie	4,805.28		4,023.47			
Kingfisher	15,088.14		5,905.87			
Mangum	43,564.20		6,000.00			
Oklahoma	26,612.66		6,000.00			
Perry	8,920.37		5,466.26			
Woodward	8,784.84	127,911.96	4,442.54	43,504.40		84,407.56
Oregon:						
Burns	3,314.32		3,772.88			
Lagrande	8,364.96		6,000.00			
Lakeview	1,764.44		2,172.71			
Oregon City	5,797.78		5,653.84			
Roseburg	6,996.61		6,000.00			
The Dalles	11,798.66	38,061.67	6,000.00	29,599.43		8,462.24
South Dakota:						
Aberdeen	7,670.18		5,197.03			
Chamberlain	5,593.24		3,206.60			
Huron	6,010.15		4,877.69			
Mitchell	6,297.87		4,864.74			
Pierre	1,623.05		1,863.30			
Rapid City	6,933.55		5,468.04			
Watertown	10,049.95	44,177.99	5,744.88	31,222.28		12,955.71
Utah:						
Salt Lake City	15,283.07	15,283.07	6,000.00	6,000.00		9,283.07

EXHIBIT A.—Statement showing the total amount of fees and commissions collected at the several local land offices, etc.—Continued.

State and office.	Amount of fees and commissions from all sources.	Total.	Amount paid registers and receivers (salaries and commissions).	Total.	Deficit.	Revenue to United States.
Washington:						
North Yakima	\$2,536.17		\$2,845.34			
Olympia	5,440.46		5,698.92			
Seattle	7,688.59		5,987.02			
Spokane Falls	14,623.53		6,000.00			
Vancouver	8,049.63		6,000.00			
Walla Walla	6,066.17		4,744.95			
Waterville	5,694.53		4,408.54			
		\$50,099.08		\$35,684.77		\$14,414.31
Wisconsin:						
Ashland	2,985.22		3,044.29			
Eau Claire	5,044.79		3,316.86			
Wausau	5,371.77		3,291.27			
		13,401.78		9,652.42		3,749.36
Wyoming:						
Buffalo	2,532.63		2,915.33			
Cheyenne	4,907.22		4,595.56			
Douglas	2,742.26		2,547.79			
Evanston	5,633.84		5,114.20			
Lander	1,773.55		2,080.92			
Sundance	4,176.26		3,161.88			
		21,765.76		20,415.68		1,350.08
Total		853,242.22		493,949.95	\$2,936.88	362,229.15

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations during the fiscal year ended June 30, 1898, the areas, and the amount received therefrom, and the expenses connected therewith.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Sales of lands subject to private entry.			Sales of lands at public auction.			Sales of lands subject to preemption entry.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama				1	39.99	\$49.99			
Arizona				9	1,158.80	3,041.00			
Arkansas				22	1,883.58	2,354.50			
California				37	2,113.87	2,816.77	7	934.67	\$1,168.36
Colorado				26	2,507.88	4,641.31	3	160.44	300.56
Idaho							11	1,565.81	1,957.46
Kansas				4	160.00	485.00			
Louisiana				2	87.97	109.96			
Michigan				15	1,066.89	1,545.63			
Minnesota				62	3,683.38	5,436.34	9	1,204.66	1,505.84
Mississippi	2	20.27	\$27.84	1	40.32	50.40			
Missouri	87	4,455.58	5,669.53						
Montana				26	1,793.70	2,297.37	28	3,808.99	5,186.06
Nebraska				25	1,180.56	1,684.80	2	267.11	333.88
Nevada				1	40.00	50.00			
New Mexico				1	40.00	50.00	1	160.00	200.00
North Dakota				67	3,542.82	4,825.43	15	2,244.66	3,005.82
Oklahoma				1	19.60	44.10			
Oregon				63	2,605.57	4,306.80	10	1,357.42	1,696.78
South Dakota				15	722.98	1,048.38	2	200.00	250.00
Washington	2	181.43	403.60	29	1,297.98	1,965.81	23	3,335.32	4,562.66
Wisconsin	1	58.00	72.50	37	1,820.64	3,144.63			
Wyoming				4	148.76	185.95	1	160.00	200.00
Total	92	4,715.28	6,173.47	448	25,955.29	39,934.07	112	15,399.08	20,367.42

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Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Sales of timber and stone lands.			Sales of mineral lands.			Original entries under the desert-land act.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alaska				3	31.30	\$147.50			
Arizona				26	1,048.71	5,262.50	38	5,396.48	\$1,349.11
Arkansas				3	361.94	905.00			
California	54	4,547.70	\$11,869.24	111	4,997.91	16,822.50	39	6,400.00	1,600.00
Colorado	31	3,419.63	8,549.08	939	17,682.20	80,022.50	75	10,352.97	2,538.97
Idaho	13	1,387.92	3,569.80	44	2,225.27	10,408.76	223	27,353.80	6,838.65
Minnesota	307	29,921.45	74,804.28						
Montana	27	3,521.63	8,729.09	153	4,130.50	18,130.00	1,083	184,724.01	46,182.17
Nevada				25	552.72	2,820.00			
New Mexico				15	509.82	2,220.00	71	11,799.88	2,949.96
North Dakota							1	240.00	60.00
Oregon	20	2,168.13	5,420.32	20	1,249.54	4,530.00	50	7,996.92	1,999.25
South Dakota	7	711.44	1,778.61	82	4,745.03	22,270.00			
Utah				183	7,232.28	36,345.00	121	16,991.71	4,248.11
Washington	84	11,696.15	29,240.36	12	376.27	1,450.00	36	4,216.19	1,054.03
Wisconsin	3	160.00	400.00						
Wyoming	27	3,421.68	8,554.21	9	2,755.57	7,155.25	264	30,444.72	8,661.21
Total	573	60,955.73	152,414.99	1,625	47,899.06	208,489.01	2,001	314,916.68	78,731.46

State or Territory.	Final entries under the desert-land act.			Homestead entries com-muted to cash under section 2301, Revised Statutes.			Homestead entries com-muted under second section, act June 15, 1880, and act May 2, 1890.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama				27	[2,401.50]	\$3,004.72	2	[79.67]	\$90.10
Arizona	17	[2,958.42]	\$2,958.42	38	[3,789.23]	8,654.83			
Arkansas				39	[4,364.60]	5,606.07			
California	49	[9,561.50]	12,162.75	75	[9,071.35]	12,344.74			
Colorado	67	[11,309.98]	11,309.98	49	[6,348.55]	8,866.47			
Florida				13	[1,195.69]	1,493.53			
Idaho	100	[13,276.41]	13,230.09	17	[1,909.56]	2,997.65			
Iowa				4	[331.10]	663.88			
Kansas				10	[1,178.72]	1,473.40			
Louisiana				35	[4,742.03]	6,123.75			
Michigan				51	[5,412.81]	6,766.03			
Minnesota				108	[12,550.00]	17,133.73			
Mississippi				62	[8,593.21]	10,733.90			
Missouri				10	[663.18]	878.98			
Montana	287	[47,493.08]	47,463.08	121	[17,432.88]	23,072.94			
Nebraska				95	[12,983.95]	16,658.26			
New Mexico	16	[2,399.79]	1,959.80	17	[2,238.25]	2,797.81			
North Dakota				167	[23,647.37]	30,224.45			
Oklahoma							125	[17,521.07]	25,530.93
Oregon	14	[1,551.30]	1,551.30	63	[8,327.04]	10,450.09			
South Dakota				64	[8,700.52]	15,338.07			
Utah	88	[12,555.00]	12,905.00	4	[280.00]	350.00			
Washington	17	[1,661.05]	1,660.97	58	[7,415.25]	9,868.31			
Wisconsin				92	[7,153.62]	9,996.56			
Wyoming	138	[25,041.46]	25,045.88	28	[3,839.66]	5,037.08			
Total	793	[127,807.99]	130,247.27	1,247	[154,600.07]	210,535.25	127	[17,600.74]	25,621.03

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Excesses on homestead, timber-culture, and other entries.			Timber-culture entries commuted under act Mar. 3, 1891.			Sales of coal lands.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama.....	333	380.48	\$481.35	-----	-----	-----	-----	-----	-----
Arizona.....	11	36.56	76.61	1	[80.00]	\$100.00	-----	-----	-----
Arkansas.....	128	453.89	567.44	-----	-----	-----	-----	-----	-----
California.....	164	585.58	832.89	15	[735.43]	2,164.64	-----	-----	-----
Colorado.....	108	361.56	502.98	6	[795.20]	994.00	4	160.56	\$2,811.20
Florida.....	214	207.49	270.62	-----	-----	-----	-----	-----	-----
Idaho.....	103	378.54	642.88	4	[481.70]	602.13	-----	-----	-----
Indiana.....	1	3.10	3.98	-----	-----	-----	-----	-----	-----
Kansas.....	28	54.13	99.03	3	[480.00]	600.00	-----	-----	-----
Louisiana.....	410	1,228.42	1,623.58	2	[241.36]	301.70	-----	-----	-----
Michigan.....	4	24.02	35.61	-----	-----	-----	-----	-----	-----
Minnesota.....	116	562.23	751.53	6	[520.00]	650.00	-----	-----	-----
Mississippi.....	272	371.12	507.77	-----	-----	-----	-----	-----	-----
Missouri.....	32	150.90	188.52	-----	-----	-----	-----	-----	-----
Montana.....	95	367.81	529.99	10	[1,240.05]	1,550.06	11	1,721.97	34,039.40
Nebraska.....	134	458.78	644.53	3	[352.00]	440.00	-----	-----	-----
New Mexico.....	44	107.43	134.30	1	[160.00]	200.00	6	840.00	12,000.00
North Dakota.....	409	1,049.72	1,470.35	6	[880.00]	1,100.00	-----	-----	-----
Oklahoma.....	198	902.12	1,128.16	-----	-----	-----	-----	-----	-----
Oregon.....	140	637.86	835.94	3	[360.00]	450.00	-----	-----	-----
South Dakota.....	62	248.07	310.12	-----	-----	-----	-----	-----	-----
Utah.....	49	67.51	95.92	-----	-----	-----	-----	-----	-----
Washington.....	118	603.86	1,016.38	2	[174.00]	385.00	3	596.10	10,361.00
Wisconsin.....	19	99.16	143.48	-----	-----	-----	-----	-----	-----
Wyoming.....	68	227.14	378.78	1	[80.00]	100.00	6	760.00	15,200.00
Total.....	3,260	9,567.48	13,272.04	63	[7,579.74]	9,637.53	30	4,078.63	74,411.60

State or Territory.	Sales of town lots.			Sales of town sites.			Supplemental payments.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama.....	-----	-----	-----	-----	-----	-----	21	[126.00]	\$97.69
Arkansas.....	22	-----	\$9,261.50	-----	-----	-----	-----	-----	21
California.....	-----	-----	-----	-----	-----	-----	-----	-----	10.88
Colorado.....	-----	-----	-----	1	160.00	\$200.00	2	[77.08]	10.88
Idaho.....	-----	-----	-----	2	120.00	250.00	-----	-----	40
Louisiana.....	-----	-----	-----	-----	-----	-----	4	19.82	24.78
Missouri.....	-----	-----	-----	-----	-----	-----	6	{ 254.15 }	82.70
New Mexico.....	-----	-----	-----	-----	-----	-----	1	4.91	-----
Oklahoma.....	-----	-----	-----	-----	-----	-----	-----	.66	.83
Wyoming.....	68	-----	1,191.00	-----	-----	-----	-----	-----	-----
Total.....	90	-----	10,452.50	5	480.00	700.00	34	{ 457.23 }	217.49
								25.39	

State or Territory.	Graduation entries.			Sales of abandoned military reservations.			Cash payment on doubtful mineral swamp selections.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Arizona.....	-----	-----	-----	1	[160.00]	\$280.00	-----	-----	-----
Arkansas.....	23	[1,658.40]	\$529.60	-----	-----	-----	-----	-----	-----
Florida.....	-----	-----	-----	1	[60.50]	331.50	-----	-----	-----
Louisiana.....	6	[761.97]	110.85	-----	-----	-----	2	[80.02]	\$30.61
Montana.....	-----	-----	-----	2	[218.84]	303.55	-----	-----	-----
Utah.....	-----	-----	-----	1	[80.00]	60.00	-----	-----	-----
Total.....	29	[2,420.37]	640.45	5	[519.34]	975.05	2	[80.02]	30.61

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Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Cash substitution.			Indian lands commuted under special acts.			Cash for final homesteads.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Minnesota	1	40.00	\$50.00						
Oklahoma				301	[41,614.57]	\$53,271.81	13	[1,999.60]	\$2,999.40
Total	1	40.00	50.00	301	[41,614.57]	53,271.81	13	[1,999.60]	2,999.40

State or Territory.	Competitive bids.			Sisseton and Wahpeton lands.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
South Dakota			\$1.00	4	[560.00]	\$1,400.00
Total			1.00	4	[560.00]	1,400.00

State or Territory.	Act Mar. 2, 1895.			Act Sept. 30, 1890.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama	1	[160.12]	\$51.85			
Colorado				1	160.00	\$200.00
Total	1	[160.12]	51.85	1	160.00	200.00

State or Territory.	Act Mar. 3, 1887.			Act Feb. 17, 1897.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
California	1	320.00	\$400.00			
Colorado	1	50.00	200.00			
Minnesota	3	308.05	385.07			
Mississippi				8	510.59	\$638.23
North Dakota	8	1,559.03	3,597.57			
Utah	1	560.00	700.00			
Washington	6	373.94	934.85			
Total	20	3,201.02	6,217.49	8	510.59	638.23

State or Territory.	Act Jan. 18, 1897.			Act Aug. 15, 1894.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Oklahoma	909	136,854.28	\$29,101.65	658	[99,489.97]	\$182,089.31
Oregon				9	[481.33]	252.58
South Dakota				241	[30,748.86]	22,455.86
Total	909	136,854.28	29,101.65	908	[130,698.16]	204,797.75

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Act Sept. 29, 1890.			Total cash sales.		
	Entries.	Acres.	Amount.	Entries.	Acres.	Amount received.
Alabama				385	420.47	\$3,775.70
Alaska				3	31.30	147.50
Arizona				141	7,640.55	21,722.47
Arkansas				237	2,699.41	19,224.11
California				556	20,563.67	62,082.10
Colorado	4	663.94	\$400.00	1,313	35,045.24	121,197.93
Florida				228	207.45	2,095.05
Idaho				517	33,031.34	40,497.32
Indiana				1	3.10	3.98
Iowa				4		663.88
Kansas				45	214.13	2,657.43
Louisiana				461	1,336.21	8,325.23
Michigan				70	1,090.91	8,147.27
Minnesota				612	35,719.77	100,716.79
Mississippi				345	942.30	11,955.14
Missouri				135	4,611.39	6,519.73
Montana				1,843	200,068.61	187,483.71
Nebraska				259	1,906.45	19,761.17
Nevada				26	592.72	2,870.00
New Mexico				173	13,457.79	22,512.70
North Dakota				673	8,636.23	44,283.62
Oklahoma				2,207	137,976.00	294,415.36
Oregon	38	6,276.54	7,845.68	430	22,239.90	39,538.74
South Dakota				477	6,656.35	64,852.04
Utah				447	24,851.50	54,704.03
Washington	7	1,000.00	1,250.00	397	23,677.24	64,152.97
Wisconsin				152	2,137.80	13,757.17
Wyoming				614	46,917.87	72,909.36
Total	49	7,940.48	9,495.68	12,751	632,735.74	1,291,076.10

State or Territory.	Original entries of lands under the homestead law.					Final homestead entries.		
	Entries.	Acres.	Commissions.	Fees.	Total fees and commissions.	Entries.	Acres.	Commissions.
Alabama	1,328	140,548.39	\$3,516.15	\$9,970.00	\$13,486.15	1,150	[124,849.99]	\$3,123.79
Arizona	283	40,174.23	2,102.31	2,600.00	4,702.31	117	[16,041.67]	737.80
Arkansas	2,672	298,229.26	7,530.44	20,685.00	28,215.44	1,428	[169,475.73]	4,316.68
California	1,443	204,303.00	9,039.38	13,350.00	22,389.38	1,548	[225,693.79]	10,537.32
Colorado	1,298	192,812.13	8,307.55	12,330.00	20,637.55	724	[110,887.37]	4,751.03
Florida	801	92,046.12	2,301.54	6,350.00	8,651.54	602	[77,528.60]	1,948.91
Idaho	1,744	246,384.44	10,552.89	16,030.00	26,582.89	656	[95,553.21]	3,908.87
Illinois	1	40.00	1.00	5.00	6.00			
Indiana	2	45.71	1.14	10.00	11.14	1	[5.71]	.14
Iowa	6	400.00	20.00	35.00	55.00	15	[1,049.27]	51.48
Kansas	558	80,567.60	2,910.34	5,190.00	8,100.34	826	[125,953.96]	4,391.07
Louisiana	1,354	147,722.59	4,096.33	10,750.00	14,846.33	856	[105,889.88]	3,055.72
Michigan	308	31,335.54	793.19	2,235.00	3,028.19	225	[29,337.71]	740.57
Minnesota	2,692	355,439.53	10,398.83	23,760.00	34,158.83	1,324	[179,654.55]	6,442.87
Mississippi	1,366	135,814.25	3,486.46	10,070.00	13,556.46	1,052	[126,712.51]	3,181.40
Missouri	1,591	146,353.41	3,896.01	11,020.00	14,916.01	986	[106,360.05]	2,328.41
Montana	1,502	223,541.15	10,559.17	14,375.00	24,934.17	875	[132,636.83]	6,432.61
Nebraska	1,882	271,725.45	7,589.02	17,550.00	25,139.02	1,205	[181,246.82]	5,547.43
Nevada	10	1,512.20	93.00	95.00	188.00	9	[1,409.04]	58.19
New Mexico	746	112,140.80	4,268.18	7,150.00	11,418.18	371	[56,273.92]	2,137.70
North Dakota	7,358	1,136,387.90	33,188.98	71,825.00	105,013.98	1,609	[247,634.37]	8,071.40
Ohio	1	40.00	1.00	5.00	6.00			
Oklahoma	8,526	1,203,953.68	32,378.65	81,990.00	114,368.65	1,332	[208,437.08]	5,186.29
Oregon	1,438	209,835.06	8,435.51	13,555.00	21,990.51	1,427	[211,398.10]	8,899.65
South Dakota	2,107	310,311.87	9,171.76	20,085.00	29,256.76	928	[142,398.84]	3,660.22
Utah	565	80,212.04	3,490.66	5,165.00	8,655.66	352	[50,604.60]	2,286.57
Washington	1,527	220,689.17	11,634.58	14,190.00	25,824.58	1,938	[279,586.45]	15,348.66
Wisconsin	977	95,065.88	3,233.61	7,015.00	10,248.61	335	[35,598.61]	1,220.77
Wyoming	894	138,926.21	6,251.12	8,762.50	15,013.62	340	[52,709.09]	2,254.11
Total	44,980	6,206,557.61	199,248.80	406,152.50	605,401.30	22,281	[3,095,017.75]	111,117.66

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Original entries of lands under the timber-culture laws.					Final timber-culture entries.		
	En-tries.	Acres.	Regis-ters and receivers' fees.	Gov-ernment fees.	Total fees.	En-tries.	Acres.	Fees.
Arizona						2	[318.08]	\$8.00
California						75	[10,539.55]	300.00
Colorado						330	[51,488.24]	1,320.00
Idaho						31	[3,744.39]	124.00
Iowa						14	[1,036.27]	56.00
Kansas						987	[152,284.26]	3,948.00
Louisiana						8	[1,152.10]	32.00
Minnesota	1	160.00	\$4.00	\$10.00	\$14.00	117	[3,594.86]	468.00
Montana						79	[1,518.28]	316.00
Nebraska						1,397	[215,036.02]	5,588.00
New Mexico						16	[2,080.42]	64.00
North Dakota						1,122	[176,176.82]	4,480.00
Oregon						180	[26,346.88]	720.00
South Dakota						1,086	[166,512.21]	4,344.00
Utah						18	[2,046.74]	72.00
Washington						201	[29,955.41]	804.00
Wyoming						28	[4,302.80]	112.00
Total	1	160.00	4.00	10.00	14.00	5,691	[868,133.73]	22,756.00

State or Terri-tory.	Lands entered with mil-itary bounty-land war-rants.			Lands entered with agri-cultural-college scrip.			Lands entered with pri-vate-land scrip.		
	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.
Colorado	8	{ [960.00] 120.00 }	\$27.00	1	160.00	\$4.00	1	160.00	-----
Florida							1	40.00	-----
Idaho	2	320.00	8.00				1	[160.00]	-----
Louisiana									-----
Michigan	3	{ [440.00] [160.00] 440.00 }	11.00						-----
Minnesota	4	{ [160.00] 440.00 }	15.00	6	[959.56]	12.00	13	{ [1,341.12] 480.00 }	-----
Missouri	3	380.00	9.50	1	[160.00]	4.00			-----
Montana	1	[160.00]	4.00						-----
North Dakota	1	[120.00]	3.00	11	[1,760.00]	-----			-----
South Dakota	1	160.00	4.00						-----
Washington	2	{ [160.00] 160.00 }	8.00						-----
Total	25	{ [2,000.00] 1,580.00 }	89.50	19	{ [2,879.56] 160.00 }	20.00	16	{ [1,501.12] 680.00 }	-----

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	State selections.			Railroad selections.			Indian allotments.		
	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.
Alabama.....				5	399.86	\$10.00			
Arkansas.....				2	322.00	4.00			
California.....	571	63,941.72	\$1,141.00	136	20,403.99	272.00	25	3,601.16	
Colorado.....	447	70,851.85	894.00	180	28,629.97	360.00			
Florida.....	9	1,300.48	18.00	2	277.41	4.00			
Idaho.....	151	23,935.77	302.00	654	104,143.70	1,308.00	19	1,642.88	
Iowa.....				2	120.00	4.00			
Kansas.....				1	80.85	2.00			
Louisiana.....	8	651.58	16.00						
Michigan.....							1	78.68	
Minnesota.....				12	1,406.88	24.00	3	480.00	
Mississippi.....				2	200.60	4.00			
Montana.....	425	74,453.11	798.00	1,073	170,535.45	2,146.00	5	720.00	
Nebraska.....	41	6,554.48	82.00	2	141.90	4.00			
Nevada.....	254	27,880.08	508.00	28	4,444.58	56.00			
North Dakota.....	163	26,261.64	324.00	732	116,695.67	1,464.00	4	395.82	
Oklahoma.....	16	2,546.73	32.00						
Oregon.....	607	79,982.66	1,214.00	504	79,994.32	1,008.00	114	17,950.42	
South Dakota.....	151	23,903.37	302.00						
Utah.....	633	98,895.79	1,266.00	91	14,349.77	182.00			
Washington.....	477	66,771.08	1,012.00	505	79,369.75	1,010.00	9	876.80	
Wisconsin.....				18	2,748.83	36.00			
Wyoming.....	666	109,037.27	1,218.00	538	86,078.34	1,076.00			
Total.....	4,619	676,467.61	9,127.00	4,487	710,343.87	8,974.00	180	25,745.76	

State or Territory.	Sioux half-breed scrip locations.			Small holdings, act Mar. 3, 1891, and Feb. 21, 1893.			Wagon-road selections.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Fees.
Minnesota.....	36	{ [80.00] 3,065.05 }							
New Mexico.....				33	1,483.07				
North Dakota.....	1	80.00					509	81,452.06	\$1,022.00
Wisconsin.....	2	80.00							
Total.....	39	{ [80.00] 3,225.05 }		33	1,483.07		509	81,452.06	1,022.00

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Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Final commissions, Sac and Fox lands.	Swamp lands patented.			Final commissions on commuted Sioux lands.	Total miscellaneous entries.		
		Entries.	Acres.	Amount.		Entries.	Acres.	Amount received.
Alabama						2,483	140,948.25	\$16,619.94
Arizona						402	40,174.23	5,448.11
Arkansas			240.00			4,102	236,791.23	32,536.12
California						3,798	292,249.87	34,639.70
Colorado						2,989	292,733.95	27,943.53
Florida			13,646.76			1,415	107,810.77	10,622.45
Idaho						3,257	376,426.79	32,233.76
Illinois			304.00			1	344.00	6.00
Indiana			847.88			3	893.59	11.23
Iowa			829.56			37	1,349.56	166.43
Kansas						2,372	80,643.45	16,441.41
Louisiana			12,998.81			2,227	161,372.98	17,950.05
Michigan			127.16			537	31,541.38	3,779.78
Minnesota			49,737.69			4,208	411,209.15	41,134.70
Mississippi						2,420	136,014.85	16,741.86
Missouri			149.65			2,581	146,883.06	17,757.92
Montana						3,960	469,249.71	34,630.78
Nebraska						4,527	278,421.83	36,360.45
Nevada						301	33,356.86	810.19
New Mexico						1,166	113,623.87	13,619.88
North Dakota						11,001	1,279,821.03	119,356.38
Ohio			1.24			1	41.24	6.00
Oklahoma	\$580.84		2,190.21			9,924	1,296,500.41	120,167.73
Oregon						4,779	471,404.73	34,854.16
South Dakota					\$42.78	4,273	334,375.24	37,609.76
Utah						1,659	193,457.60	12,462.23
Washington						4,659	367,866.80	44,005.24
Wisconsin			40.00			1,332	97,934.71	11,505.38
Wyoming						2,466	334,041.82	19,673.73
Total	580.84		81,112.96		42.78	82,880	7,788,967.99	759,145.08

State or Territory.	Preemption filings.		Homestead filings.		Coal filings.		Town-site filings.		Reservoir filings.		Mineral applications.	
	No.	Fees.	No.	Fees.	No.	Fees.	No.	Fees.	No.	Fees.	No.	Fees.
Alaska			1	\$3.00							6	\$80.00
Arizona	1	\$3.00	8	16.00	1	\$2.00					23	230.00
Arkansas			1	3.00	14	42.00					5	50.00
California	2	6.00	7	21.00	257	771.00					145	1,450.00
Colorado	220	660.00	4	12.00	2	6.00	1	\$3.00			632	6,620.00
Idaho	12	36.00	4	8.00							59	590.00
Kansas	45	90.00	1	2.00					16	\$32.00		
Michigan			3	6.00								
Minnesota	5	10.00	5	10.00								
Missouri			3	9.00	129	387.00					155	1,550.00
Montana	76	228.00	3	6.00			1	2.00	1	2.00		
Nebraska			3	9.00							39	390.00
Nevada			64	192.00							26	260.00
New Mexico			22	44.00								
North Dakota	2	4.00	62	124.00			2	4.00				
Oklahoma			3	9.00	3	9.00					16	160.00
Oregon	2	6.00	6	12.00	6	12.00			63	126.00	80	800.00
South Dakota	9	18.00	57	114.00	26	78.00					161	1,610.00
Utah			52	156.00							36	360.00
Washington	9	27.00	1	2.00								
Wisconsin			4	12.00	162	486.00					8	80.00
Wyoming												
Total	383	1,088.00	207	443.00	738	2,185.00	4	9.00	80	160.00	1,421	14,210.00

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Mineral pro- tests.		Applications for timber and stone lands.		Fees re- ceived for reducing testimony to writing, etc.	Total miscellaneous filings and fees.		Total amount of fees and commis- sions from all sources.
	No.	Fees.	No.	Fees.		No.	Amount.	
Alabama					\$1,116.32		\$1,116.32	\$17,736.26
Alaska					116.55	6	176.55	176.55
Arizona	4	\$40.00			406.30	29	682.30	6,130.41
Arkansas					2,286.58	14	2,354.58	34,890.70
California	25	250.00	54	\$540.00	5,761.00	241	8,052.00	42,691.70
Colorado	185	1,850.00	37	370.00	5,051.56	1,368	15,343.56	43,337.14
Florida					708.62		708.62	11,331.07
Idaho	7	70.00	13	130.00	2,287.55	98	3,134.55	35,368.31
Illinois								6.00
Indiana								11.28
Iowa					396.32		396.32	562.80
Kansas					3,139.25	65	3,269.25	19,710.66
Louisiana					1,086.20		1,086.20	19,036.25
Michigan					1,272.61	1	1,274.61	5,054.37
Minnesota			199	1,990.00	3,086.93	207	5,092.93	46,227.63
Mississippi					975.87		975.87	17,717.73
Missouri					1,531.40	5	1,541.40	19,239.32
Montana	16	160.00	26	260.00	2,765.34	405	5,359.34	39,990.12
Nebraska					7,242.06	5	7,252.06	43,612.51
Nevada	3	30.00			11.96	42	431.96	1,242.15
New Mexico	5	50.00			1,095.82	98	1,606.82	15,226.70
North Dakota					3,756.15	58	3,872.15	123,228.53
Ohio								6.00
Oklahoma					7,716.18	64	7,744.18	127,911.96
Oregon	2	20.00	21	210.00	2,763.51	47	3,177.51	38,031.67
South Dakota	46	460.00	6	60.00	4,978.23	267	6,568.23	44,177.99
Utah	47	470.00			662.84	234	2,820.84	15,283.07
Washington	16	160.00	84	840.00	4,541.84	200	6,093.84	50,099.08
Wisconsin			2	20.00	1,874.40	3	1,896.40	13,401.78
Wyoming			27	270.00	1,244.03	201	2,092.03	21,765.76
Total	356	3,560.00	469	4,690.00	67,775.42	3,658	94,120.42	853,265.50

Aggregate of all classes of en- tries, area of lands disposed of, and receipts from all sources.

Expenses incident to the disposals of public lands.

State or Territory.	Aggregate of all classes of en- tries, area of lands disposed of, and receipts from all sources.			Expenses incident to the disposals of public lands.			
	En- tries.	Acres.	Amount.	Salaries and commis- sions of regis- ters and receivers.	Incidental expenses.	Expense of de- posit- ing.	Total ex- penses.
Alabama	2,868	141,368.72	\$21,511.96	\$9,849.38	\$2,808.91	\$14.75	\$12,673.04
Alaska	9	31.30	324.05	1,167.78	727.60		1,895.38
Arizona	572	47,814.78	27,852.88	5,964.78	974.58	80.05	7,019.41
Arkansas	4,353	301,490.67	54,114.81	17,549.95	5,415.90	264.00	23,229.85
California	4,595	312,813.54	104,773.80	37,422.98	7,367.91	66.10	44,856.99
Colorado	5,670	327,779.19	164,535.07	38,903.01	8,869.34	45.70	47,818.05
Florida	1,643	107,518.26	13,426.72	5,923.06	3,034.89	9.20	8,967.15
Idaho	3,872	409,458.13	75,865.63	24,184.29	3,221.05	131.21	27,536.55
Illinois	1	344.00	6.00				
Indiana	4	896.69	15.26				
Iowa	41	1,349.56	1,226.68	1,541.08	345.94	1.40	1,888.42
Kansas	2,482	80,862.58	22,368.09	18,312.32	3,516.47	13.22	21,842.01
Louisiana	2,688	162,709.19	27,361.48	9,649.78	3,255.60	9.84	12,915.22
Michigan	608	32,632.29	13,201.64	4,982.23	1,554.08	10.05	6,546.36
Minnesota	5,027	446,928.92	146,944.42	20,520.16	8,076.30	29.43	28,625.89
Mississippi	2,765	136,957.15	29,675.87	6,000.00	4,714.51	20.00	10,734.51
Missouri	2,721	151,494.45	26,119.05	11,415.65	3,230.16	27.70	14,673.51
Montana	6,208	669,318.32	227,473.83	27,350.28	7,378.89	36.95	34,766.12
Nebraska	4,791	280,328.28	63,373.68	33,921.81	4,653.53	67.10	38,642.44
Nevada	369	33,929.58	4,112.15	2,209.52	58.78	16.06	2,284.36
New Mexico	1,437	127,081.66	37,739.40	12,384.15	1,914.40	38.90	14,337.45
North Dakota	11,732	1,288,457.26	167,512.15	28,018.76	5,403.00	172.29	34,194.05
Ohio	1	41.24	6.00				
Oklahoma	12,195	1,434,476.41	422,327.32	43,504.40	11,944.49	283.91	54,732.80
Oregon	5,256	493,704.63	77,370.41	29,599.43	9,066.03	91.29	38,756.75
South Dakota	5,017	341,031.59	109,030.03	31,222.28	8,186.40	43.90	39,452.58
Utah	2,340	218,309.10	69,987.10	6,000.00	2,886.36		8,886.36
Washington	5,256	391,544.04	114,252.05	35,684.77	7,965.78	220.75	43,871.30
Wisconsin	1,487	100,072.51	27,158.95	9,652.42	2,034.42	4.70	11,691.54
Wyoming	3,281	380,959.69	94,675.12	20,415.68	2,907.29	250.71	23,573.68
Total	99,289	8,421,703.73	2,144,341.60	493,949.95	121,512.61	1,949.21	617,411.77

N.—MINERAL DIVISION.

This division has charge of the following work:

- (1) Mineral and coal entries.
- (2) All contests and quasi contests in which the character, whether agricultural, mineral, or saline, of the public lands is involved.
- (3) Agricultural filings and entries in which the question of the character of the land is involved.
- (4) Railroad and State selections referred to this division for examination as to the character of the land selected and the proximity of such selections to mineral lands.
- (5) Petitions for suit by the United States to set aside patents on mining and coal claims and on all mineral and coal lands which are alleged to have been erroneously or fraudulently patented as agricultural land.
- (6) Certified copies of papers, plats, and records relating to mineral lands or coal lands.
- (7) Relinquishments and amendments of entries or filings in which the character of the land is in question.
- (8) Correspondence and instructions to registers and receivers and United States surveyors-general in all matters relating to the disposal of mineral and coal lands.
- (9) The preparation, recording, and transmitting of all mineral and coal patents.
- (10) Charge of the work of the twelve mineral land commissioners appointed under the act of February 26, 1895 (28 Stat. L., 683), to classify the granted lands within the limits of the Northern Pacific Railroad Company's grants in the mineral districts of Bozeman, Helena, and Missoula, in Montana, and Cœur d'Alene in Idaho.
- (11) Examination of bonds of United States deputy mineral surveyors.

Entries and filings made during the fiscal year ending June 30, 1898.

Mineral entries made.....	1,625
Mineral applications made.....	1,421
Adverse claims filed.....	356
Coal entries made.....	30
Coal filings made.....	738

Work received during the year:

Mineral entries received.....	1,618
Coal entries received.....	35
Mineral contests received.....	49
Quasi contests received.....	138
Agricultural entries received:	
Originals.....	81
Finals.....	94
List of selections received, acres.....	1,330,610.54
Letters received.....	8,927

Work done during the year:

Mineral patents issued.....	1,259
Lode, mill-site, and placer claims included in the above patents.....	2,492
Coal patents issued.....	43
Mineral and coal entries approved, but not yet patented.....	67
Current mineral and coal entries examined.....	1,470
Suspended mineral and coal entries examined.....	1,420
Mineral and coal entries canceled.....	11
Coal declaratory statements canceled.....	595

Contests decided subject to appeal.....	49
Contests finally closed.....	47
Quasi contests decided subject to appeal.....	138
Quasi contests finally closed.....	148
Agricultural cases examined and referred.....	162
Agricultural cases examined and suspended.....	123
List of selections examined and referred, acres.....	1, 330, 610. 54
Cases referred to the Department.....	116
Cases referred to the board of equitable adjudication.....	3
Letters docketed.....	8, 927
Letters written.....	6, 798
Hearings ordered.....	65
Pages of official copy written.....	1, 088
Pages of certified copy written.....	1, 628
Pages of patents recorded.....	5, 957
Pages of press copy transcribed into permanent books.....	8, 841
Bonds of deputy mineral surveyors examined.....	133
Mineral applications (final proof not made) examined.....	250

The patents issued during the year are for lands in the States and Territories given in the following table:

State or Territory	Coal patents.	Area.	Mineral and mill-site patents.	Mineral and mill-site claims.	Mineral area.
Alaska.....			1	1	5
Arizona.....			29	65	1, 133, 268
Arkansas.....			6	6	657. 26
California.....			84	119	8, 844. 889
Colorado.....	11	840	745	1, 437	12, 328. 911
Florida.....			1	1	40. 94
Idaho.....			24	68	1, 325. 858
Montana.....	12	1, 521. 97	120	186	3, 239. 266
Nevada.....			29	53	639. 819
New Mexico.....	11	1, 229. 86	11	13	191. 725
Oregon.....			18	44	1, 032. 923
South Dakota.....			53	216	2, 017. 366
Utah.....	1	180	113	268	3, 772. 016
Washington.....	2	273. 10	14	15	222. 13
Wyoming.....	6	880	2	2	1, 064. 04
Total.....	43	4, 907. 93	1, 259	2, 492	31, 605. 411

The condition of the work on hand at the close of the year is as follows:

Mineral and coal entries unexamined.....	422
Mineral and coal entries unexamined and in suspended files.....	695
Mineral contests unexamined.....	7
Total contests not finally disposed of.....	102
Quasi contests unexamined.....	7
Total quasi contests not finally disposed of.....	97
Agricultural cases examined and suspended.....	123
Final, pending.....	16
Original, pending.....	97

Recapitulation of work received, done, and on hand.

Current mineral and coal entries:	
On hand July 1, 1897.....	239
Received during year.....	1, 653
	1, 892
Approved during year.....	644
Suspended during year.....	826
	1, 470
Remaining on hand unexamined.....	422

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Suspended mineral and coal entries:

On hand July 1, 1897.....	522	
Added by suspension.....	826	
Added by reinstatement.....	8	
	<hr/>	1,356
Approved during year.....	650	
Canceled.....	11	
	<hr/>	661
Remaining suspended.....		695
Increase.....		<hr/> <hr/> 173

Contest cases:

On hand July 1, 1897.....	98	
Received during year.....	49	
Reopened.....	2	
	<hr/>	149
Closed during year.....		47
Remaining for final action (before Department 31).....		<hr/> <hr/> 102

Quasi contest cases:

On hand July 1, 1897.....	105	
Received during year.....	138	
Reopened.....	2	
	<hr/>	245
Closed during year.....		148
Remaining for final action (before Department, 26).....		<hr/> <hr/> 97

Agricultural cases:

On hand July 1, 1897 (finals, 1; originals, 99).....	100	
Received during year (finals, 94; originals, 81).....	175	
	<hr/>	275
Referred during year (finals, 79; originals, 83).....	162	
Remaining for final action (finals, 16; originals, 97).....	113	
	<hr/>	275

List of selections:

On hand July 1, 1897.....		0
Received during year.....	acres..	1,330,610.54
Examined and referred.....	do.....	1,330,610.54
		<hr/> <hr/>

Lands classified by commissioners under act of February 26, 1895:

Montana—		
Bozeman.....	acres..	256,260.00
Helena.....	do.....	878,876.65
Missoula.....	do.....	488,800.00
Idaho—		
Cœur d'Alene.....	do.....	500,603.00
Total.....	do.....	<hr/> <hr/> 2,124,539.65

Of mineral and mill site patents 1,259 were issued, as against 1,035 for the fiscal year ending June 30, 1897, an increase of 174. Of coal patents 43 were issued, as against 32 for the preceding fiscal year, an increase of 11, and including an area of 4,907.93 acres, as against an area for the previous fiscal year of 3,609.59 acres, or an increase of 1,298.34 acres.

Sixteen hundred and twenty-five mineral entries were made during the fiscal year ending June 30, 1898, thus verifying the statement made in last report that the mining industry had reached its lowest point and was on the upgrade.

In the following table is shown the number of mineral entries made for

each fiscal year, commencing with the fiscal year ending June 30, 1868, in which the first entry under the United States mining laws was made:

Year.	Entries.	Year.	Entries.	Year.	Entries.	Year.	Entries.
1868	27	1876	583	1884	2,000	1892	1,330
1869	52	1877	565	1885	1,588	1893	1,315
1870	104	1878	642	1886	1,323	1894	868
1871	148	1879	622	1887	1,325	1895	757
1872	264	1880	722	1888	1,314	1896	1,199
1873	546	1881	1,338	1889	1,304	1897	1,236
1874	587	1882	1,848	1890	1,314	1898	1,625
1875	509	1883	2,112	1891	1,217		

In but three years, 1882, 1883, and 1884, did the number of mineral entries made exceed that of the present year, and the number of locations entered the present year far exceeds the number made during either of these years.

In the years 1882, 1883, and 1884, Colorado led with 1,024, 1,361, and 1,284 mineral entries, respectively, and in the present year also Colorado leads with 939.

No entries of mining claims in the Upper Yukon, in Alaska, have been made.

It was noticed in last report that under the ruling in the case of the Good Return Mining Company, reported in volume 4, Land Decisions, page 221, it was the practice to embrace a number of mining locations in a single application for patent, and it was pointed out that, in this application of the law, the individual mining prospectors and claimants were being discriminated against and in favor of the mining capitalists.

The ruling of the Department, in paragraph 53 of the Mining Regulations, approved December 15, 1897, amendment by circular of March 14, 1898, reading as follows:

The claimant at the time of filing the application for patent, or at any time within the sixty days of publication, is required to file with the register, a certificate of the surveyor-general that not less than five hundred dollars' worth of labor has been expended or improvements made by the applicant or his grantors, upon each location embraced in the application, or if the application embraces several locations held in common, that an amount equal to, five hundred dollars for each location, has been so expended upon, and for the benefit of the entire group;

will prevent the appropriation of large bodies of lands upon an expenditure of \$500 only, as heretofore permitted and practiced, but it will not prevent the entering of large areas as single claims upon an expenditure of an amount equal to \$500 for each location, "for the benefit of the entire group."

Entries have recently been made in this way for 1,033.49 acres in a single placer claim and 54 locations in a single lode claim. It is, therefore, again recommended that the law be amended so as to prohibit the including of more than one lode claim or more than 160 acres of placer ground in a single application or entry.

Section 2350, United States Revised Statutes, provides that—

... and all persons claiming under section twenty-three hundred and forty-eight shall be required to prove their respective rights and pay for the lands filed upon within one year from the time prescribed for filing their respective claims; and upon failure to file the proper notice, or to pay for the land within the required period, the same shall be subject to entry by any other qualified applicant.

Over 17,000 coal-land filings have been made, and under the above quoted section more than 14,000 of the number have been canceled, a state of facts surely not contemplated by the framers of the law.

While it is possibly true that a large number of filings are made for

purely speculative purposes only, that alone can not account for the very large number of cancellations made. It is believed that many *bona fide* declarants have been compelled to submit to the cancellation of their filings because the time, one year, given them within which to make payment for the land, is not sufficient to enable them to make the necessary explorations to prove the existence of valuable coal deposits, the price for the lands, \$10 and \$20 per acre, being such that they do not want to make the payment until they are satisfied beyond question that the tracts contain coal in quantities that would warrant the outlay.

It is recommended that said section 2350 of the Revised Statutes be amended so as to permit the extension of the time two years, three years in all, upon the filing with the register and receiver proper evidence showing that during the preceding year at least \$100 had been expended by the declarant in actual and practical explorations for coal within the exterior boundaries of the claim.

DECISIONS AND RULINGS UNDER THE MINERAL AND COAL-LAND LAWS.

Mill site—Posting on claim.—On application for a mill site, in connection with a lode claim, the notice and plat should be posted on the mill site for the statutory period. (25 L. D., 165.)

Fire clay—Railroad grant.—Land chiefly valuable for its deposits of fire clay is subject to location and entry under the mining laws of the United States, and is included in the exception of "mineral lands" from the grant to the Northern Pacific Railroad Company. (25 L. D., 349.)

Oil lands.—Lands chiefly valuable on account of the petroleum deposits contained therein are of the character subject to entry under the mining laws, and are not subject to selection as indemnity under a railroad grant wherein "mineral lands" are excepted from the operation of the grant.

Under the mining laws of the United States but one discovery of mineral is required to support a placer location, whether it be of 20 acres, by an individual, or of 160 acres, or less, by an association of persons.

The case of *Ferrell v. Hoge et al.* (18 L. D., 81) overruled. (25 L. D., 351.)

Railroad grant—Mineral lands.—A final mineral return by the commissioners appointed under the act of February 26, 1895, operates to except the lands so classified from the grant to the Northern Pacific, but does not prevent such disposition of said lands as may be proper, on a subsequent showing as to their character, the classification being treated as of the same effect as a mineral return by the Government surveyor. (25 L. D., 446.)

Placer patent—Known lode.—The patentee of a placer-mining claim is under no legal obligation to institute adverse proceedings against a subsequent conflicting lode claim. The lode claimant in such a case has the burden of proof upon him to show that there was a vein within the placer, known to exist at the time of the placer application, and actual knowledge thereof must be brought home to the placer applicant. (25 L. D., 460.)

Protest—Adverse—Co-owner.—If the protest filed against a mineral application, does not present such a claim as is contemplated by the statute, it should not be treated as an adverse; and the fact that suit thereon has been commenced in the courts will not require the Land Department to recognize the claim as an adverse within the meaning of the law.

A protest based on alleged co-ownership is not an adverse claim that requires the institution of judicial proceedings in a court of competent jurisdiction; but the land department may await the result of proceedings so begun in such a case before giving further consideration to the protest.

The cases of *Gramplan lode* (1 L. D., 544), *Lucy B. Hussey lode* (5 L. D., 93), *Monitor lode* (18 L. D., 358) overruled. (25 L. D., 495.)

Town-site patent—Known lode.—A town-site patent that in terms provides that "no title shall be hereby acquired to any mine . . . or to any valid mining claim or possession held under existing laws of Congress," does not divest the department of jurisdiction to subsequently issue a patent for a lode claim within the limits covered by said town-site patent, if at the date of the town-site entry such lode claim was known to exist.

The cases of the *Pacific Slope lode* (12 L. D., 686), and the *Cameron lode* (13 L. D., 369), overruled. (25 L. D., 518.)

Deputy mineral surveyor—Section 452, United States Revised Statutes.—A deputy United States mineral surveyor is within the intendment of section 452, Revised Statutes, and consequently disqualified under the prohibitive provisions thereof from acquiring title to a mining claim in which he was interested at the time of his official report thereon and at the date of application for patent. (26 L. D., 122.)

Reinstatement.—A mineral entry having been canceled for failure to comply with certain supplemental requirements should not be reinstated on the ground that such action was taken without notice, if in fact the entryman had actual knowledge thereof; nor should an order of reinstatement be made in the presence of an intervening adverse claim, without opportunity given to such claimant to show cause why the application for reinstatement should not be allowed. (26 L. D., 262.)

Mineral lands—Sandstone.—Land more valuable on account of the sandstone therein than for agriculture is mineral in character, subject to disposition under the mining laws, and a homestead entry thereof is unauthorized by law.

Departmental decision herein of May 5, 1897 (24 L. D., 403), vacated on review. (26 L. D., 373.)

Amended location—Proof of ownership.—Rights under the amended location authorized by the Colorado statutes depend upon the locator's ownership of the original location, and if at the time of such amended location the original is owned, wholly or in part, by others, their title will not be divested by the amended location.

A mineral entry allowed on insufficient showing of title in the applicant is properly held for cancellation by the General Land Office; but where the applicant after such decision obtains by proper conveyance a complete chain of title, and makes a showing thereof before the Department which is satisfactory as between him and the Government, the entry may stand and patent issue thereon. (26 L. D., 484.)

Phosphate deposits—Railroad grant.—Lands valuable for deposits of phosphates are mineral lands within the intent and meaning of the laws relating to the disposal of the public domain.

The act of May 17, 1856, making a grant of lands to the State of Florida to aid in the construction of railroads does not in express terms include mineral lands, nor are such lands expressly excluded therefrom, but in view of the uniform and settled policy of the Government to reserve such lands from grants to States or corporations for any purpose, it is held that all such lands, whether valuable for phosphate or other mineral deposits, are excepted from the operation of said grant. (26 L. D., 600.)

Lode within placer.—A lode location subsequent to and in conflict with a placer location, but made prior to application for placer patent, does not, when based alone on a discovery outside the limits of the placer claim, and at one side thereof only, establish the fact that the lode or vein thus claimed was known to exist within the boundaries of said placer at the date of application for patent thereto.

The burden of proof is with a lode claimant who assails a placer patent on the ground that it embraces lodes or veins known to exist at date of application for such patent, and avers that such lodes or veins were consequently excepted from the operation of the patent. (26 L. D., 622.)

Lode location—Intersecting mill site.—A lode location based on a discovery on one side of an intersecting mill site is not good as to the ground on the other side of said mill site, and an entry of such ground is therefore invalid. (26 L. D., 675.)

Gypsum cement.—Land containing a deposit of gypsum cement, and more valuable on account of such mineral than for agriculture, is not subject to agricultural entry. (27 L. D., 57.)

Mining claim—Meander lines.—Where a mining claim borders upon a stream the nature of which will under the rules of the Department, when the system of public-land surveys is extended thereto, necessitate the establishment of meander lines along the banks thereof, the lines of the mineral survey should not extend below such meander lines. (Honorable Commissioner to surveyor-general, Salt Lake City, Utah, July 18, 1898.)

Mining claim—Expenditure—Opinion.—Under section 2325, Revised Statutes, an application for a mineral patent is not limited to a single claim, but may embrace "any land claimed and located for valuable deposits," otherwise spoken of as "the claim or claims in common;" but a fair construction of the word "claim," as used in said section in connection with the stated expenditure required as a prerequisite to patent, and as generally used in the mining laws, requires that where more than one claim is included in the application the expenditure must equal \$500 for each claim. (27 L. D., 91.)

Guano—State selection.—Guano is a mineral, and lands valuable for deposits of guano are mineral lands within the meaning of the mining and other laws of the United States, and hence not subject to selection by the State under section 8, act of July 16, 1894. (27 L. D., 95.)

P.—SPECIAL SERVICE DIVISION.

The work performed in this division during the fiscal year ending June 30, 1898, is summarized as follows:

Letters and reports pending June 30, 1897.....	570
Letters and reports received and registered.....	12,960
Total.....	13,530
Letters and reports disposed of.....	13,207
Letters and reports pending June 30, 1898.....	323
Letters written.....	10,630
Pages of press-copy books.....	15,900

During the year 37 special agents were employed in the investigation of fraudulent land entries and otherwise protecting the public lands from illegal appropriation and timber trespass, and also in the examination of applications for permits to cut timber on public lands under the act of Congress approved March 3, 1891 (26 Stat., L. 1093), the aggregate length of service being 329 months and 25 days, equivalent to 27 agents for the entire year and 1 agent for 5 months and 25 days.

In addition, 11 special forest agents and supervisors were employed for the examination of proposed forest reserves under the act of March 3, 1891 (26 Stat. L., 1095-1103), and for the purpose of patrolling existing forest reserves and enforcing the observance of the regulations issued June 30, 1897, under the act of June 4, 1897 (30 Stat. L., 34-36), the aggregate length of service being 79 months and 29 days, equivalent to 6 agents and supervisors for the entire year and 1 agent for 7 months and 29 days.

PROTECTION OF PUBLIC LANDS.

Eight hundred and eighty-eight cases were referred to special agents for investigation. Hearings were ordered in 120 cases, 741 cases were held for cancellation, 789 canceled, and 298 examined and passed. Final action was taken in 1,264 cases, and there are now pending (June 30, 1898) 2,051 cases.

There are now pending action in the division 77 agents' reports on land claims, 7 records of hearings, and 47 registers and receivers' reports and miscellaneous letters.

SELECTIONS OF LANDS IN LIEU OF RELINQUISHED TRACTS IN FOREST RESERVATIONS, UNDER THE ACT OF JUNE 4, 1897.

Sixty-eight applications were filed during the year to be granted title to tracts outside of forest reservations, embracing a total of 12,787.67 acres, in lieu of lands within the reserves, the title to which had been reconveyed to the Government under the provisions of the act of June 4, 1897 (30 Stat., L. 36).

Twenty of these applications, embracing 3,680 acres, were approved, and 4 applications, embracing 400 acres, were rejected. The remainder are pending consideration.

There have been 3 applications for the relinquishment of unperfected claims within reserves and the taking up of new claims in lieu thereof outside of the reservations, under the terms of the said act, one of which has been rejected, and the others are pending consideration.

Statement showing in detail the number of cases received, acted upon during the year, and pending June 30, 1898.

Kinds of cases.	Investigations ordered.	Hearings ordered.	Cases held for cancellation.	Cases canceled.	Cases examined and passed.	Cases to Secretary recommending suit.	Cases to Secretary on appeal.	Patented entries, no action taken.	Cases returned to other divisions, no action taken.
Homestead entries.....	523	108	455	448	243	6	10	9	73
Commuted homestead entries.....	9	1	1	.....	.....	.....	.....	5	6
Preemption cash entries.....	5	.....	2	.....	9	1	2	.....	15
Preemption filings.....	.....	1	.....	1	.....	.....	.....	.....	.....
Timber-culture entries.....	112	8	254	174	7	.....	.....	.....	10
Commuted timber-culture entries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Timber-land entries.....	56	2	7	4	10	.....	11	.....	14
Desert-land entries.....	56	.....	10	76	16	9	.....	1	5
Private cash entries.....	1	.....	.....	.....	.....	.....	.....	.....	1
Mineral entries.....	3	.....	.....	.....	3	.....	.....	.....	1
Coal entries.....	.....	.....	1	.....	.....	.....	.....	.....	3
Coal filings.....	.....	.....	11	86	10	.....	.....	.....	34
Indian allotments.....	118	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	888	120	741	789	298	16	23	15	162

Kinds of cases.	Cases awaiting final action.					Cases pending June 30, 1897.	Cases received during the year.	Cases disposed of during the year.	Cases pending June 30, 1898.
	On desks ready for action.	Awaiting reports from special agents.	Awaiting reports from registers and receivers.	Before the Department and the courts.	Total.				
Homestead entries.....	450	381	377	23	1,231	743	1,261	773	1,231
Commuted homestead entries.....	17	11	7	4	39	27	23	11	39
Preemption cash entries.....	15	6	6	20	47	56	15	24	47
Preemption filings.....	.....	.....	1	.....	1	1	1	1	1
Timber-culture entries.....	11	79	65	.....	155	57	289	191	155
Commuted timber-culture entries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Timber-land entries.....	10	60	30	185	285	259	54	28	285
Desert-land entries.....	7	28	65	15	115	153	60	98	115
Private cash entries.....	.....	4	.....	.....	4	4	1	1	4
Mineral entries.....	1	11	.....	1	13	10	7	4	13
Coal entries.....	.....	.....	.....	8	8	2	6	.....	8
Coal filings.....	.....	.....	.....	.....	.....	3	.....	3	.....
Indian allotments.....	36	109	8	153	216	67	130	153
Total.....	547	689	559	256	2,051	1,531	1,784	1,264	2,051

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Statement showing location and status of cases acted upon during the year and pending June 30, 1898.

State or Territory.	Investigations ordered.	Hearings ordered.	Cases held for cancellation.	Cases canceled.	Cases examined and passed.	Cases to Secretary recommending suit.	Cases to Secretary on appeal.	Patented entries and cases returned to other divisions, no action taken.	On desks ready for action.	Cases awaiting final action.			
										Awaiting reports from special agents.	Awaiting reports from registers and receivers.	Before the Department and the courts.	Total pending June 30, 1898.
Alabama	52	1	17	57	12		1	1		62	19		81
Arizona	9	4	21	43	1					7	57		66
Arkansas	10		1	4	10	1		3	1	9	1		10
California	187	12	71	41	27	1				116	81	190	730
Colorado	22	4	15	3	13			4	343	18	27		62
Florida	7	6	91	16	31			2	8	11	71	1	90
Idaho	37	5	16	10	2	10		20	7	23	16	7	7
Kansas	4	12	4	21	2	3	1	6	6	3	2	2	13
Louisiana			10	25	18			17	69	1	5		75
Michigan	10		7	2	3			14		7	3		10
Minnesota	110	15	23	88	29		4	22	32	110	24	9	175
Mississippi	13	2	10	2	2			1		12	12		12
Missouri	3		2	9	10					4	1		5
Montana	29		9	6				10	5	12	9		30
Nebraska	71	8	247	148	8			4	8	35	74	2	117
New Mexico	28	9	108	126	4			2	7	24	44	10	85
North Dakota	36	3	24	13	2	1		13	5	16	17	7	45
Oklahoma	60	10	27	30	14			5	4	34	32	1	71
Oregon	42	4	7	15	33			1	14	6	58	13	82
South Dakota	15		5	9			3	15	3	15	4		21
Utah	11	5	7	15	19				2	3	10	6	21
Washington	79	12	9	16	37			13	5	15	85	6	108
Wisconsin	47	8	10	92	21			5	20	29	21		70
Wyoming	6							14	3	10	10		23
Total	888	120	741	789	298	16	23	177	547	689	559	256	2,051

Cases pending in Division P June 30, 1898.

Kinds of cases.	Alabama.	Arizona.	Arkansas.	California.	Colorado.	Florida.	Idaho.	Kansas.	Louisiana.	Michigan.	Minnesota.	Mississippi.
Original homestead entries	68	20	10	322	21	87	13	4	75	7	66	9
Final homestead entries	11	1		100	3	1	1	1		3	3	3
Commuted homestead entries	2	1		15	3	2	1				5	3
Preemption cash entries		1		17	4			2			5	
Preemption filings												
Original timber-culture entries		4		39	3		1	2				
Final timber-culture entries					1			4				
Commuted timber-culture entries												
Timber land entries				214	10							
Original desert-land entries		39		7	4		26	7				
Final desert-land entries				4								
Private cash entries				1								
Mineral entries					7							
Coal entries					6							
Coal filings												
Indian allotments				11							96	
Total	81	66	10	730	62	90	49	13	75	10	175	12

Cases pending in Division P June 30, 1898—Continued.

Kinds of cases.	Missouri.	Montana.	Nebraska.	New Mexico.	North Dakota.	Oklahoma.	Oregon.	South Dakota.	Utah.	Washington.	Wisconsin.	Wyoming.	Total.
Original homestead entries	3	17	53	26	26	63	39	12	10	44	19	12	1,026
Final homestead entries	2	3	4	17	13	3	13	3	1	16	2	1	205
Commuted homestead entries	1	2	1	10	2	5	1	2	1	1	2	1	39
Preemption cash entries	2	2	1	10	2	2	2	1	1	1	1	1	47
Preemption filings	3	3	52	24	2	2	1	5	1	1	1	5	141
Original timber-culture entries	1	1	7	2	2	2	1	5	1	1	1	1	14
Final timber-culture entries	1	1	7	2	2	2	1	5	1	1	1	1	14
Commuted timber-culture entries	1	1	7	2	2	2	1	5	1	1	1	1	14
Timber-land entries	1	1	7	2	2	2	1	5	1	1	1	1	14
Original desert-land entries	1	1	7	2	2	2	1	5	1	1	1	1	14
Final desert-land entries	1	1	7	2	2	2	1	5	1	1	1	1	14
Private cash entries	4	4	4	8	8	8	3	6	6	3	3	3	285
Mineral entries	4	4	4	8	8	8	3	6	6	3	3	3	94
Coal entries	4	4	4	8	8	8	3	6	6	3	3	3	21
Coal filings	4	4	4	8	8	8	3	6	6	3	3	3	4
Indian allotments	4	4	4	8	8	8	3	6	6	3	3	3	13
Total	5	30	117	85	45	71	82	21	21	108	70	23	2,051

TIMBER ON PUBLIC LANDS.

FOREST RESERVATIONS.

On March 1, 1898, the lands embraced in the eleven forest reservations which were suspended by the act of June 4, 1897 (30 Stat. L., 34-36), again became subject to the operation of the proclamations of February 22, 1897, creating them; which added an estimated amount of 19,951,360 acres to the area embraced in the reserves previously created. In addition to this, two new reserves have been created during the year, the Pine Mountain and Zaca Lake Reserve, in California, embracing an area of 1,644,594 acres, and the Prescott Reserve, in Arizona, embracing 10,240 acres; and the boundaries of the Pecos River Reserve in New Mexico have been changed and enlarged to include 120,000 additional acres.

There are, consequently, now thirty forest reservations (exclusive of the Afognak Forest and Fish Culture Reserve in Alaska), created by Presidential proclamation under section 24 of the act of March 3, 1891 (26 Stat. L., 1095), embracing an estimated area of 40,719,474 acres.

For statement of reserves, see page 85.

PERMITS TO CUT PUBLIC TIMBER.

Thirty-six applications for permits to cut timber under the act of March 3, 1891 (26 Stat. L., 1093), were received during the year, including 13 applications for renewal of privilege. Twelve permits were issued and 79 applications were rejected.

Statement showing in detail the number of applications for public-timber permits received and acted upon during the fiscal year ending June 30, 1898, and those pending on the 1st day of July, 1898; also showing the number of permits canceled during the year.

State or Territory.	Applications pending consideration July 1, 1897.		Applications received during the fiscal year 1898.		Total.	Nature of action on applications.		Total.	Permits canceled.
	By General Land Office.	By the Department.	Applications in new cases.	Applications for renewal of permits.		Applications rejected.	Applications on which permits have issued.		
Arizona.....				1	1	1		1	2
Colorado.....	3		3	3	14	12	2	14	9
Idaho.....	4		3	1	8	8		8	1
Montana.....	20	2	3	3	28	24	4	28	6
Nevada.....			1		1	1		1	
New Mexico.....			1		1	1		1	
Utah.....	19	1	8	2	30	26	4	30	17
Wyoming.....	4		1	3	8	6	2	8	4
Total.....	55	3	20	13	91	79	12	91	39

TIMBER TRESPASS.

Three hundred and fifty-five cases of depredations upon public timber have been reported during the year, involving public timber and products therefrom to the value of \$626,182.41 recoverable to the Government.

The amount involved in propositions of settlement accepted by this office, compromises effected under section 3469, United States Revised Statutes, and sales of timber and lumber is \$23,481.77, and the amount involved in fines imposed and judgments rendered is \$120,762.73.

On the 30th of June, 1898, there were pending in the United States courts 140 civil suits for the recovery of a total amount of \$3,224,327.36 for the value of timber alleged to have been unlawfully cut from public lands, and 412 criminal prosecutions for the act of cutting or removing timber in violation of law.

The following table shows in detail the amount of work performed in connection with the suppression of depredations upon the public timber during the fiscal year and the condition of same on June 30, 1898.

Statement showing the number of cases of public-timber trespass investigated or acted upon, amount and value of timber involved therein, suits recommended, amounts involved therein, and amounts accepted in settlements during the fiscal year ending June 30, 1898.

State or Territory.	Cases investigated and reported upon.	Character of loss.					
		Timber and lumber, board measure.	Wood.	Ties.	Posts and poles.	Shingles.	Trees boxed.
Alabama.....	4	842,160					
Arizona.....	22	308,000	8,956		800		
Arkansas.....	22	1,500,000			14		
California.....	23	3,381,285	9,280	7,040	4,679	500,000	
Colorado.....	28	6,875,400		31,281	4,800		
Florida.....	27	1,696,732		7,568			132,966
Idaho.....	14	2,431,127	75	5,621			
Iowa.....	1		453				
Michigan.....	4	257,393	8	2,500	160		
Minnesota.....	9	2,846,540		20,473			
Missouri.....	22	105,100		7,047			
Montana.....	43	37,969,164	15,000				
New Mexico.....	5	90,000		1,266			
North Dakota.....	36	10,520	4,181		8,530		
Oklahoma.....	α 7	5,000			1,500		
Oregon.....	2	681,600	7				
South Dakota.....	4	3,406,834					
Utah.....	1						
Washington.....	38	10,773,946	1,475	10,308			
Wisconsin.....	40	4,874,593					
Wyoming.....	3			8,035			
Total.....	355	78,055,818	39,435	101,139	20,483	500,000	132,966

State or Territory.	Estimated value.		Legal proceedings.			Propositions of settlement accepted.		Amount received from sales of timber and lumber.	Communications and reports awaiting action.
	Stumpage.	Recoverable to the Government.	Criminal, recommended.	Civil.		Number.	Amount involved.		
				Recommended.	Amount involved.				
Alabama.....	\$729.35	\$2,495.00		3	\$2,206.00				9
Alaska.....									1
Arizona.....	9,301.75	33,665.50	15	2	12,423.00	4	\$699.50		3
Arkansas.....	1,324.06	4,773.78	9			7	2,219.83	\$202.13	14
California.....	7,017.85	69,265.23	9	9	22,261.47	7	1,753.10		31
Colorado.....	12,245.42	18,947.00	18	3	12,009.50	7	4,288.05		10
Florida.....	6,592.59	7,191.24	5	1	1,250.40	6	1,538.81	233.68	13
Idaho.....	1,480.76	10,776.28	2	1	1,820.00				38
Iowa.....	453.00	906.00	3						
Michigan.....	574.24	1,287.04	1	4	12,683.79	2	204.39		4
Minnesota.....	5,149.79	17,407.18		1	1,100.00	4	2,057.16	60.00	2
Missouri.....	1,464.11	1,564.15	13			1	1,159.08		2
Montana.....	45,419.16	398,247.35	3	36	366,753.54	2	425.15		5
Nevada.....									3
New Mexico.....	1,078.50	3,190.58	5			2	276.42		1
North Dakota.....	2,802.32	5,912.10	24			5	95.00		17
Oklahoma.....	35.00	204.10	5						8
Oregon.....	852.00	5,452.80							
South Dakota.....	7,456.84	14,531.94	22						
Washington.....	6,953.68	30,164.25	13	3	5,113.75	17	2,582.19	82.12	30
Wisconsin.....	9,417.56	26,957.57	4	7	8,920.44	1	4,864.28	540.00	1
Wyoming.....	200.88	200.88				2	200.88		
Total.....	120,548.86	653,139.98	151	71	446,541.87	67	22,363.84	1,117.93	192

α One case investigated in Oklahoma involved 35 cords of stone, unlawfully taken from public lands; value rated at \$1 per cord; total value, \$35.

380 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement showing the number of suits, civil and criminal, for trespass on public lands disposed of and amounts of judgments and fines resulting therefrom during the fiscal year ending June 30, 1898; also the number of such suits pending on the 1st day of July, 1898, and amounts involved therein.

State or Territory.	Suits disposed of.				Suits pending.		
	Criminal.		Civil.		Criminal number.	Civil.	
	Number.	Amount of fines imposed.	Number.	Amount of judgments rendered.		Number.	Amount sued for.
Alabama.....	92	\$1,820.40	1		8		
Arizona.....						2	\$195,838.50
Arkansas.....	38	1,063.38	2	\$140.00	57	10	10,440.00
California.....	3		3	130.65	10	37	268,464.72
Colorado.....	6	300.00	6	2,406.81	24		226,432.58
Florida.....	55	248.75	5	2,333.00	17	2	50,404.25
Idaho.....	2	250.00			4	7	5,992.89
Indian Territory.....	5				12		
Louisiana.....			2			1	1,699.80
Michigan.....	15	5,667.62	2	66,318.00	13	7	16,891.00
Minnesota.....	4	100.00	4	2,665.25	5	23	578,873.34
Mississippi.....	68	10,758.50			144		
Missouri.....	16	3,225.00			8		
Montana.....	3		7	1,219.45		6	49,177.41
Nebraska.....	2						
Nevada.....			1				
New Mexico.....	4	444.35			3		493,580.00
North Dakota.....	2	2,497.75			19		
Oklahoma.....	9	116.00			31		
Oregon.....			3	11,433.55		3	36,448.00
South Dakota.....			2	5,100.00	37	2	924,804.00
Texas.....						1	12,279.04
Utah.....			14	1,825.17		10	37,854.07
Washington.....	1		11	304.50		12	234,005.54
Wisconsin.....	3	300.00	1	94.60	18	14	25,386.72
Wyoming.....						3	55,760.50
Total.....	328	26,791.75	64	93,970.98	412	140	3,224,327.36

ANNUAL REPORTS
OF THE
UNITED STATES SURVEYORS-GENERAL
FOR THE
FISCAL YEAR ENDING JUNE 30, 1898.

REPORT OF THE SURVEYOR-GENERAL OF ALASKA.

UNITED STATES LAND OFFICE,
OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Sitka, Alaska, July 7, 1898.

SIR: In accordance with instructions in your circular letter E. dated April 29, 1898, I have the honor to submit my annual report of the surveying operations in this district for the fiscal year ending June 30, 1898, and tabular statements, as follows:

- A.—Statement of applications for mineral surveys.
 - B.—Statement of applications for surveys under act of Congress, March 3, 1891.
 - C.—Statement of special deposits by individuals for field and office work.
 - D.—Statement of field notes received and awaiting examination, tabling, and platting by draftsman.
 - E.—Estimate of funds to be appropriated for compensation of the surveyor-general and his clerks in the District of Alaska for the fiscal year ending June 30, 1900.
 - F.—Estimate of funds to be appropriated for contingent expenses in the office of the surveyor-general, District of Alaska, for the fiscal year ending June 30, 1900.
- During my term of office, commencing November 5, 1897, there have been received and properly recorded and indexed—

General Land Office letters	120
Miscellaneous letters	550
Total	670
Applications for appointment as United States deputy surveyor	61
Applications for surveys of nonmineral lands	19
Applications for surveys of mineral claims	3
Returns, field notes, etc., awaiting action of draftsman (nonmineral, 68; mineral, 18)	86
Certificates of deposit (69):	
Office work	\$2,340
Field work	\$2,250

There have been issued as follows:

Department letters	155
Miscellaneous letters	499
Estimates for office and field work	15
Orders for surveys	13
Special instructions	10

The office work during my term of office has been very onerous. In addition to the regular routine work, there was, upon my taking charge of the office, months of work in arrears. In fact, there had been no files or proper records kept, and to perform the work properly and fulfill the urgent demands that were constantly made upon this office, it required both the clerk and myself to work from early morning until late at night.

384 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

I have appointed 24 United States deputy mineral surveyors and 15 United States deputy surveyors, who have furnished acceptable bonds, as follows:

UNITED STATES DEPUTY MINERAL SURVEYORS.

Name.	Address.	Name.	Address.
Chas. A. Weck.....	Douglas City, Alaska.	Langdon C. Easton..	San Francisco, Cal.
Chas. E. Davidson....	Juneau, Alaska.	James M. Davidson..	Circle City, Alaska.
Albert Lascy.....	San Francisco, Cal.	James E. Sneively..	Do.
Francis Tagliabue....	Do.	Nathan B. Whitfield.	Portland, Oreg.
Sidney J. Marquis....	Skagway, Alaska.	Geo. W. Garside....	Juneau, Alaska.
Paul Reicker.....	Seattle, Wash.	Henry D. Green.....	Reading, Pa.
Eugene Anderson....	Dubuque, Iowa.	Geo. S. Pershin....	Valdes, Alaska.
Thomas H. Conrad....	Wrangell, Alaska.	Frank H. Reid.....	Skagway, Alaska.
Chas. W. Garside....	Juneau, Alaska.	Paul Heinze.....	St. Michael, Alaska.
Warren V. Clark, jr..	Resurrection Bay, Alaska.	George E. Baldwin..	Washington, D. C.
Nathan E. Beckwith..	Sitka, Alaska.	Herman Heinze.....	St. Michael, Alaska.
E. J. Chamberlain....	Circle City, Alaska.	Geo. M. Ashford....	Kotzebue Sound, Alaska.
Ward M. Jones.....	Allison, Iowa.	Albert E. Nickerson..	Dawson City, N. W. T.
		Thos. H. Allman....	Cathlamet, Wash.

UNITED STATES DEPUTY SURVEYORS.

Geo. W. Garside.....	Juneau, Alaska.	Nathan B. Whitfield.	Portland, Oreg.
C. E. Davidson.....	Do.	Albert E. Nickerson.	Dawson City, N. W. T.
Clinton Gurnee, jr..	San Francisco, Cal.	Paul Heinze.....	St. Michael, Alaska.
F. H. Whitford.....	Seattle, Wash.	Frank H. Reid.....	Skagway, Alaska.
Francis Tagliabue....	San Francisco, Cal.	Geo. E. Baldwin....	Reading, Pa.
T. H. George.....	Juneau, Alaska.	Chas. W. Garside....	Juneau, Alaska.
Eugene J. Chamberlain.	Circle City, Alaska.	Nathan E. Beckwith..	Sitka, Alaska.

EXHIBIT A.—Statement of applications for mineral surveys.

Name of applicant.	Name of claim.	Where situated.
Anna Goldstein.....	Bonanza Lode.....	Juneau, Alaska.
E. F. Lewis.....	April Lode.....	Harris mining district.
Joseph T. Gilbert....	Perseverance No. 2, Alta No 2, and Jumbo No. 2.	Do.

EXHIBIT B.—Statement for applications for surveys under act of Congress, March 3, 1891.

Name of applicant.	Location.	Name of applicant.	Location.
Ferdinand Stobel.....	Northeast Harbor.	Silas Gibson.....	Pyramid Harbor.
George Humphrey Stewart.	Naknek River.	Robert Wright.....	Dyea, Alaska.
Walter M. Adams.....	Kvichak River.	Henry Cottrell.....	Valdes Bay.
P. H. Johnson.....	Nushagak River.	Copper City Developing Co.	Do.
August Larsen.....	Do.	H. H. Creighton and others.	Valdes, Alaska.
Phillip L. Damant....	Do.	Geo. M. Perine.....	Hawkins Island.
Charles Tryon.....	Egegak River.	Herbert Hume.....	Uganuk Bay.
Andrew Anderson....	Ugashik River.	Joseph W. Hume....	Red River.
William Christiansen.	Do.	Hume Bros. & Hume..	Karluk Spit.
Townsite, Dyea, Alaska.	Dyea, Alaska.	Dyea-Klondike Transportation Co.	Taiya Inlet.
Alexis Rozanof.....	Karluk River.	J. S. Green.....	Head Disenchantment Bay.
Edward Webster.....	Pyramid Harbor.	H. D. Hall.....	Do.
Alaska Railway Transportation Co.	Do.		
Do.....	Do.		
Shirley Onderdonk and Frank Bach.	Do.		

EXHIBIT C.—List of special deposits by individuals for office and field work in the office of United States surveyor-general for Alaska.

Date of certificate.	No. of certificate.	Depositor.	Amount.		Survey No.
			Office.	Field.	
Aug. 23, 1897	15	Herbert Hume	\$35.00	\$100.00	137
Do	16	Hume Bros. & Hume	35.00	100.00	136
Do	17	Joseph W. Hume	35.00	100.00	138
Sept. 15, 1897	22	H. D. Chichester	35.00	25.00	135
Oct. 23, 1897	46	P. H. Johnson	35.00	25.00	129
Do	47	W. M. Adams	35.00	25.00	128
Do	48	W. Christiansen	35.00	25.00	134
Do	49	A. Anderson	35.00	25.00	133
Do	50	Charles Tryon	35.00	25.00	132
Do	51	A. Larsen	35.00	30.00	130
Do	52	P. L. Damant	35.00	30.00	131
Do	53	G. H. Stewart	35.00	30.00	127
Do	54	F. Stobel	35.00	50.00	126
Oct. 26, 1897	58	Bristol Bay Canning Co	35.00	(a)	66
Do	62	Nushagak Canning Co	35.00	(a)	67
Do	60	Fort Alexander Fishing Station	35.00	(a)	68
Do	57	Naknek Fishing Station	35.00	(a)	69
Do	59	Point Roberts Canning Co	35.00	(a)	70
Do	55	Central Alaska Co	35.00	(a)	118
Do	56	Staiger Fishing Co	35.00	(a)	80
Do	61	Thin Point Packing Co	35.00	(a)	87
Do	63	Chignik Bay Packing Co	35.00	(a)	96
Do	64	Prosper Fishing and Trading Co	35.00	(a)	112
Oct. 27, 1897	68	Snug Harbor Canning Co	35.00	(a)	50
Do	69	South Olga Fishing Station	35.00	(a)	47
Do	66	Uyak Fishing Station	35.00	(a)	74
Do	67	Arctic Fishing Co	35.00	(a)	83
Do	72	Walrus Fishing and Manufacturing Co	35.00	(a)	65
Do	71	Chilkat Packing Co	35.00	(a)	2
Do	70	Pyramid Harbor Packing Co	35.00	(a)	1
Oct. 29, 1897	83	Glacier Fishing and Mining Co	35.00	(a)	72
Do	82	Cruiser Fishing and Mining Co	35.00	(a)	95
Do	81	Northern Packing Co	35.00	(a)	104
Do	80	Pacific Packing Co	35.00	(a)	100
Do	75	Alaska Salmon Packing and Fur Co	35.00	(a)	8
Do	76	Aberdeen Packing Co	35.00	(a)	9
Do	77	Raven Fishing and Trading Co	35.00	(a)	63
Do	78	Anchor Fishing and Trading Co	35.00	(a)	88
Do	79	Polar Fishing and Trading Co	35.00	(a)	91
Nov. 17, 1897	92	Gold Coin Fishing and Manufacturing Co	35.00	(a)	77
Do	93	Bering Sea Packing Co	35.00	(a)	64
Do	94	Export Fishing and Manufacturing Co	35.00	(a)	103
Do	95	Seward Fishing and Manufacturing Co	35.00	(a)	84
Do	96	Alaska Packers' Association	35.00	(a)	40
Do	97	Mount Wrangell Fishing and Manufacturing Co	35.00	(a)	3
Dec. 1, 1897	106	Silas Gibson	40.00	200.00	139
Dec. 14, 1897	1203	Healy & Wilson	40.00	-----	10
Dec. 23, 1897	113	North American Commercial Co	40.00	-----	58
Jan. 25, 1898	121	Alaska Railway and Transportation Co	40.00	60.00	140
Do	121	do	40.00	60.00	141
Do	122	Shirley Onderdonk and Frank Bach	40.00	60.00	142
Do	123	Edward Webster	40.00	60.00	143
Jan. 26, 1898	125	Lynde & Hough Co	40.00	-----	55
Do	126	The McCollam Fishing and Trading Co	40.00	-----	56
Feb. 5, 1898	132	Horatio J. Barling	40.00	-----	78
Do	133	John Malowansky	40.00	-----	27
Do	134	Bennett H. Madison	40.00	-----	60
Do	135	Thomas Pollard	40.00	-----	116
Feb. 9, 1898	138	Henry Cottrell	40.00	10.00	144
Do	139	Copper City Development Co	40.00	10.00	145
Mar. 25, 1898	150	Henry Cottrell	-----	150.00	144
Do	151	Copper City Development Co	-----	200.00	145
Mar. 28, 1898	724	The Dyea-Klondike Transportation Co	40.00	360.00	146
Apr. 1, 1898	1338	John S. Green	40.00	200.00	151
May 18, 1898	1411	Anna Goldstein	40.00	(b)	316
June 1, 1898	1443	R. F. Lewis	45.00	(b)	317
Apr. 29, 1898	168	Edward Webster	-----	67.50	143
Do	169	Shirley Onderdonk and Frank Bach	-----	110.00	142
Do	170	Alaska Railway and Transportation Co	-----	112.50	140, 141
Total			2,340.00	2,250.00	-----

a Amount of survey.

b Mineral survey.

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EXHIBIT D.—Statement of field notes received and awaiting examination, tabling, and platting by draftsmen.

Name of applicant.	Location.
Townsite of Wrangell	Wrangell Island.
Alaska Railway and Transportation Co	Pyramid Harbor.
Do	Do.
Shirley Onderdonk and Frank Bach	Do.
Edward Webster	Do.
Bennett H. Madison	Left bank Ugasak River, Alaska.
Louis Sloss, jr	Right bank Kenai River, Cooks Inlet.
Silas Gibson	Chilkat, head of Chilkat Inlet.
Hugh Murray	North shore of Chilkat Inlet.
Aberdeen Packing Co	End of Wrangell Island.
Northern Packing Co	Right bank of Kenai River.
Frank L. Ely	Mouth of Ayakulik River, Kadiak Island.
Uyak Fishing Station	Larsens Cove, Uyak Bay, Kadiak Island.
Jeffrey Grant	Karluk Spit, Kadiak Island.
Horatio J. Barling	Karluk River, Kadiak Island.
Chas. T. Thomes	Tanglefoot Bay, Kadiak Island.
Central Alaska Co	Northeast Harbor, Kadiak Island.
South Olga Fishing Station	Olga Bay, Kadiak Island.
Chas. Nelson	Egegak River, Alaska Peninsula.
Thin Point Packing Co	Shelikoff Straits, Kadiak Island.
Thomas Pollard	Do.
John Malonwansky	Uganuk Bay, Kadiak Island.
Andrew Nielsen	Egegak River, Alaska Peninsula.
John J. Staiger	Uganuk Bay, Kadiak Island.
Geo. W. Hume	Kussloff River, Cooks Inlet.
Arctic Fishing Co	Do.
Pacific Packing Co	Eyak, Prince William Sound.
Chignik Bay Packing Co	Chignik Bay, Alaska Peninsula.
Chas. H. Williams	Ugasak River, Alaska Peninsula.
Bering Sea Packing Co	Near Ugasak on Ugasak River.
Snug Harbor Canning Co	Snug Harbor, Kadiak Island.
Alaska Salmon Packing and Fur Co	Loring, Naha Bay, Revillagagedo Island.
Lynde & Hough Co	Humboldt Harbor, Popoff Island.
McCollam Fishing and Trading Co	Pirate Cove, Popoff Island.
North American Commercial Co	Dutch Harbor, Amaknak Island.
Pyramid Harbor Packing Co	Pyramid Harbor, Chilkat Inlet.
Chilkat Packing Co	Northeast shore, Chilkat Inlet.
Andrew Anderson	Right bank of Ugasak River.
Geo. H. Stewart	Mouth of Nahnak River.
Ferdinand Stobel	Near Karluk, Kadiak Island.
Chas. Tryon	Right bank of Egegak River.
Wm. Christiansen	Right bank of Ugasak River.
Harry D. Chichester	Dutch Harbor, Amaknak Island.
George T. Ruddock	Do.
E. L. Griffith	Right bank Karluk River.
Pacific Steam Whaling Co	Uyak Bay, west coast Kadiak Island.
H. J. Knowles	Right bank Karluk River.
Phillip H. Mason	South bank Karluk River.
Joseph Hume	Chignik Bay, South coast Alaska Peninsula.
Nautilus Fishing and Mining Co	North shore Uganuk Bay, Kadiak Island.
Peter H. Johnson	Right bank Wood River.
William Bankowanski	Left bank Karluk River, Kadiak Island.
Jacob Babler	Do.
Rocky Point Fishing and Trading Co	North shore Uganuk Bay, Kadiak Island.
Harry C. Jensen	Left bank Uganuk Bay, Kadiak Island.
Sidney S. Smith	Snag Island, Karluk River, Kadiak Island.
Helmet Fishing and Mining Co	Right bank Karluk River, Kadiak Island.
Premier Fishing and Mining Co	Southeast shore Uganuk Bay, Kadiak Island.
Naknek Fishing Station	South shore Naknek River.
Point Roberts Canning Co	Left bank Kvichak River.
Alaska Packing Co	West shore Nushagak River.
Prosper Fishing and Trading Co	Left bank Kyionak River.
Chas. Brandemann, jr	Do.
Fort Alex Fishing Station	East shore Nushagak River.
Bristol Bay Canning Co	West shore Nushagak River.
Nushagak Canning Co	Southeast shore Nushagak River.
Walter M. Adams	Left bank Kvichak River.
August Larsen	East shore Nushagak River.
Phillip L. Damant	Left bank Nushagak River.

EXHIBIT D.—*Statement of field notes received and awaiting examination, tabling, and platting by draftsmen—Continued.*

MINERAL CLAIMS.

Name of applicant.	Name of claim.	District.
Sitka Consolidated Mining Co.....	Little Joker	Unga.
Alaska Empire Mining Co.....	Empire	Do.
Delaroff Mining Co.....	Alaska	Do.
Do.....	Almeda	Do.
Do.....	California.....	Do.
Do.....	Carleton	Do.
Do.....	Tiger	Do.
Sitka Consolidated Mining Co.....	King mine and mill site.....	Do.
Do.....	First northern extension	Do.
Do.....	King mine.....	Do.
Choumagin Mining Co.....	Columbia	Do.
Do.....	Bertha	Do.
Do.....	Liberty	Do.
Do.....	Kodiak	Do.
Do.....	Union	Do.
R. Newman, C. J. Hague, and G. C. King.....	Deer	Portage Bay.
Do.....	do.....	Do.

EXHIBIT E.—*Estimate of funds to be appropriated for compensation of the surveyor-general and his clerks in the district of Alaska, for the fiscal year ending June 30, 1900.*

Surveyor-general.....	\$2,000
Chief clerk.....	1,800
Chief draftsman.....	1,800
Transcribing clerk.....	1,500
Stenographer and typewriter clerk.....	1,500
Total.....	8,600

NOTE.—The amounts submitted are limited to the lowest sums for which the service can be conducted, considering the peculiar conditions here; home comforts are very meager and the cost of living extremely high compared with the States.

First. The estimate of \$2,000 for the salary of surveyor-general is in accordance with the act of Congress approved July 24, 1897, fixing said salary, but should in justice be amended so that the surveyor-general's salary would be on an equal footing with other Alaska officials. The surveyor-general gives the largest bond and has as great a responsibility as any other official in Alaska.

Second. The salary of chief clerk I have estimated at \$1,800; his duties are to perform the general clerical work, prepare special instructions to deputy surveyors, examine all applications, report on same, and the general supervision of the workings of the office. I believe the amount estimated just and very moderate.

Third. The estimate of \$1,800 for the salary of chief draftsman, whose duties are to examine all surveying returns, tabling and platting of same, also supervise the preparation of patent plats, I consider a moderate one.

Fourth. The salary of \$1,500, each, for transcribing clerk and for stenographer and typewriting clerk, is moderate and just. The duties of these clerks, in addition to their regular work, will be to give general help in the office.

EXHIBIT F.—*Estimate of funds to be appropriated for contingent expenses in the office of the surveyor-general, district of Alaska, for the fiscal year ending June 30, 1900.*

Rent.....	\$600
Salary of messenger and janitor.....	720
Stationery.....	200
Binding of records.....	100
Furniture and sundry articles.....	300
Fuel.....	400
Light.....	75
Total.....	2,395

NOTE.—The amounts are limited to the lowest sums for which the service can be conducted.

First. The estimate for rent is made from what contractors will furnish suitable quarters.

Second. The estimate of \$720 for salary of messenger and janitor is very moderate, for, in addition to his regular work as such, he is expected to give general help in the office, which at times could be considered clerical work.

Third. The estimate of \$200 for stationery, and \$100 for binding, is, I believe, very moderate.

Fourth. The estimate of \$300 for furniture and sundry items is conservative, as the office is new and will require additional articles from time to time. This amount is in addition to amount recommended for the expenditure of furniture for this office, per specifications and bids submitted May 14, 1898.

Fifth. The estimates of \$400 for fuel and \$75 for lighting is made on the lowest basis, figured on actual consumption used in offices here in other departments that occupy about the same amount of quarters.

Owing to the climatic conditions here we require heat the year around, and during the fall and winter we have so few hours of daylight each day that it will consume a great amount of oil.

The indications are that there will be a vast amount of business brought before this office the ensuing year, and from a conservative consensus of opinion, based on reports from reliable sources, it will undoubtedly continue to increase proportionately.

Respectfully submitted,

WM. L. DISTIN,
United States Surveyor-General.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF ARIZONA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Tucson, Ariz., July 12, 1898.

SIR: Complying with instructions contained in Department letter E, dated April 29, 1898, I have the honor to transmit herewith my annual report, in duplicate, of the surveying operations in the district of Arizona for the fiscal year ending June 30, 1898, with tabular statements as follows, viz:

A.—Statement showing contracts for the survey of the public lands awarded by the surveyor-general during the fiscal year ending June 30, 1898.

B.—Statement showing contracts completed during the fiscal year ending June 30, 1898.

C.—Statement showing the status of contracts not closed at the end of fiscal year, June 30, 1898.

During the year there have been received and properly recorded and indexed the following:

Letters written and reports prepared.

	Received.	Dispatched.
Department correspondence	186	287
Miscellaneous correspondence	475	790

The following statement shows the aggregate number of miles surveyed during the past fiscal year, viz:

Character of lines.	Measurement.		
	Miles.	Chs.	Lks.
Standard lines	6	0	0
Base (resurvey)	5	0	0
Indian reservation boundaries	39	10	50
Township lines	78	36	22
Township lines (resurvey)	56	57	37
Subdivision lines	335	47	83
Connecting lines	8	59	92
Total	529	51	84

There were 123,710.18 acres surveyed during the past year.

Number of townships surveyed	8
Number of plats and diagrams made, township and miscellaneous	58
Number of transcripts of field notes (books)	28

MINERAL DIVISION.

The special deposits made by individuals for office work and stationery in connection with the survey of the mineral claims in this district for the year ending June 30, 1898, were as follows:

For the quarter ending—	
September 30, 1897	\$780
December 31, 1897	595
March 31, 1898	420
June 30, 1898	2,800
Total	4,595

Mineral surveys ordered	45
Locations embraced in above orders:	
Lodes	143
Placers	10
Mill sites	13
Mineral orders amended	6
Mineral surveys approved	33
Mineral surveys pending	24
Mineral plats made	162
Transcripts of mineral surveys, notes, reports, affidavits	33

The above does not include the vast amount of office work done in furnishing the deputies with copies of field notes of the old surveys, from which their surveys were initiated or upon which they closed, nor the copies of same, and also copies of special instructions furnished the special agents making the field examinations of Contracts Nos. 23, 37, 38, 39, 41, 42, 43, 44, and 45.

Very respectfully,

GEORGE CHRIST,

United States Surveyor-General, District of Arizona.

The COMMISSIONER OF THE GENERAL LAND OFFICE,

Washington, D. C.

A.—Statement showing contracts for the survey of the public lands awarded by surveyor-general during the fiscal year ending June 30, 1898.

No.	Date of contract.	Name of deputy.	Description of work.	Estimated liability.
46	May 17, 1898	R. C. Powers	Exterior and subdivisional lines of T. 16 N., R. 5 W., Gila and Salt River base and meridian.	a \$600
47	May 21, 1898	John A. Rockfellow.	Exterior and subdivisional lines of T. 17 S., R. 24 E., T. 18 S., Rs. 24 and 25 E., and fractional T. 24 S., R. 24 E., and the subdivisional lines of T. 15 S., R. 25 E., Gila and Salt River base and meridian.	a 2, 150
48	June 17, 1898	Chas. von Erxleben.	The sixth standard parallel north, through R. 8 E.; the eighth standard parallel north, through Rs. 9, 10, 11, and 12 E.; the second guide meridian east, through Ts. 25, 26, 27, 28, 29, 30, 31, and 32 N.; the third guide meridian east, through Ts. 31 and 32 N., the exterior boundary lines of T. 31 N., Rs. 11 and 12 E., and T. 32 N., Rs. 10, 11, and 12 E.; and section lines of T. 31 N., Rs. 11 and 12 E., of the Gila and Salt River base and meridian.	a 2, 250
(b)	Sept. 18, 1897	Philip Contzen	Resurvey of eastern and southern boundaries of T. 12 S., R. 26 E.	c 90
(b)	July 22, 1897	.....do	Resurvey of western boundary of T. 14 S., R. 15 E., and reestablishment of southern boundary of abandoned Fort Lowell Military Reservation, in T. 14 S., Rs. 15 and 16 E.	c 125
(b)	Aug. 18, 1897	.....do	Resurvey of northern and eastern exterior boundaries of T. 17 S., R. 25 E.	c 100

a Payable from the appropriation for the survey of the public lands for the fiscal year ending June 30, 1898.

b Special instructions.

c Payable from the appropriation of \$15,000 for resurveys per act of June 4, 1897, making appropriation for surveying the public lands for the fiscal year ending June 30, 1898.

B.—Statement showing contracts completed during the fiscal year ending June 30, 1898.

No.	Date of contract.	Name of deputy.	Description of work.	Remarks.
21	June 6, 1892	John T. Hogue	Subdivisional lines of E. $\frac{1}{4}$ of T. 12 N., R. 26 E.	Survey rejected.
28	Feb. 21, 1893	Daniel Drummond..	Subdivisional lines of T. 13 N., R. 11 E.	Triplicate plats made. Awaiting field examination.
37	Mar. 16, 1895	Henry G. Howe	Townsite of Bisbee	Deputy returned to field; plats and field notes transmitted to Department May 4, 1898.
38	June 21, 1895	Lewis Wolfley	That portion of the boundary of the Gila River Indian Reservation extending from a point 4 miles E. from the confluence of the Gila River and Salt River southeasterly to the NW. corner of the old Gila River Indian Reservation.	Returns transmitted to General Land Office Feb. 15, 1898, and not yet approved.
39	July 30, 1895	.....do	All lines necessary to close the township and section lines in T. 1 N., R. 1 E., and T. 1 S., Rs. 1 and 2 E., on the Gila River Indian Reservation boundary line, extending from initial monument on Salt River SE. to a point on the line between Ts. 1 and 2 S., R. 2 E.	Returns transmitted to General Land Office Feb. 16, 1898, and not yet approved.
41	June 17, 1896	James A. Lamport..	Exterior and subdivisional lines of T. 23 N., R. 13 W., Gila and Salt River base and meridian.	Survey accepted.
42	Aug. 10, 1896	Samuel Logan	Amended south boundary line of San Carlos or White Mountain Indian Reservation, segregating the Deer Creek coal fields therefrom.	Deputy mysteriously disappeared. Bondsmen employed compass man, whose notes were transcribed, platted, and transmitted to General Land Office on May 16, 1898.
44	June 14, 1897	Philip Contzen	The exterior boundary lines of townsite of Nogales.	Survey accepted.

C.—Statement showing status of contracts not closed at end of fiscal year ending June 30, 1898.

No.	Date of contract.	Name of deputy.	Description of work.	Remarks.
40	Apr. 15, 1896	Chas. E. Perkins.....	Subdivision of T. 10 N., R. 20 E., and all lines necessary to close the lines of the public surveys in T. 9 N., Rs. 20, 21, 22, and 25 E., and T. 10 N., Rs. 18, 19, and 21 E., of Gila and Salt River base and meridian on northern boundary of White Mountain Indian Reservation.	Field notes were returned to deputy for correction and were refiled on June 12, 1898. They are to be platted and transcribed.
43	Feb. 11, 1897	Philip Contzen	Exterior and subdivisional lines of T. 9 N., R. 6 W.; T. 15 N., R. 5 W.; T. 14 S., Rs. 15 and 16 E., and T. 17 S., R. 25 E., Gila and Salt River base and meridian.	Returns filed and row in hands of draftsman. Notes to be transcribed and platted.
45	June 14, 1897	.....do	Exterior and subdivisional lines of T. 12 S., R. 26 E., Gila and Salt River base and meridian.	Returns filed and are to be transcribed and platted.
46	May 17, 1898	R. C. Powers.....	Exterior and subdivisional lines of T. 16 N., R. 5 W.	Deputy not yet in the field.
47	May 21, 1898	J. A. Rockfellow	Exterior and subdivisional lines of T. 17 S., R. 24 E.; T. 18 S., Rs. 24 and 25 E.; fractional T. 24 S., R. 24 E., and subdivisions T. 15 S., R. 25 E.	Do.
48	June 17, 1898	Chas. von Erxleben.	The sixth standard parallel N., through R. 8 E., the eighth standard parallel N., through Rs. 9, 10, 11, and 12 E., the second guide meridian east through Ts. 25, 26, 27, 28, 29, 30, 31, and 32 N.; the third guide meridian east through Ts. 31 and 32 N.; the exterior boundary lines of T. 31 N., Rs. 11 and 12 E., and T. 32 N., Rs. 10, 11, and 12 E., and section lines of T. 31 N., Rs. 11 and 12 E., Gila and Salt River base and meridian.	Do.
(a)	Sept. 18, 1897	Philip Contzen	Resurvey of eastern and southern boundaries of T. 12 S., R. 26 E.	Returns filed. Awaiting platting and transcribing.
(a)	Mar. 20, 1897	.....do	Resurvey of eastern boundary of T. 9 N., R. 6 W.	Do.
(a)	Aug. 18, 1897	.....do	Resurvey of northern and eastern boundaries of T. 17 S., R. 25 E.	Do.
(a)	July 22, 1897	.....do	Resurvey of western boundary of T. 14 S., R. 15 E., and reestablishment of southern boundary of Fort Lowell, abandoned military reservation, in T. 14 S., Rs. 15 and 16 E.	Returns filed and now in hands of draftsman. Notes to be platted and transcribed.
(b)	Sept. 10, 1896	Chas. E. Perkins.....	All lines necessary to close the lines of the public surveys in T. 11 N., R. 28 E., and T. 9 N., R. 24 E., Gila and Salt River base and meridian.	Notes returned to deputy for correction and were refiled on June 12, 1898. They are to be platted and transcribed.
(b)	Mar. 3, 1893 July 25, 1893	Geo. E. Kentner.....	Fractional T. 26 N., Rs. 15, 16, and 17 E.; fractional T. 27 N., R. 15 E.; fractional T. 28 N., Rs. 17, 18, and 20 E., and fractional T. 29 N., Rs. 18 and 19 E. (on Moqui Indian Reservation).	Notes transcribed. Plats to be made when deputy files preliminary plat.

a Special instructions.

b Special instructions, Department letter E.

REPORT OF THE SURVEYOR-GENERAL OF CALIFORNIA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL
FOR THE DISTRICT OF CALIFORNIA,
San Francisco, July 16, 1898.

SIR: As instructed by Department letter E, dated April 29, 1898, I have the honor to submit, in duplicate, the following annual report of the surveying operations in the district for the fiscal year ending June 30, 1898:

During the year there have been received and properly recorded and indexed—

Miscellaneous letters.....	2,080
Application for—	
Survey of mining claims.....	97
Report on placer claims.....	6
Survey of agricultural lands.....	9
Resurveys.....	3
Appointments as United States deputy mineral surveyors.....	18

There have been issued as follows:

Miscellaneous letters.....	1,600
Instructions for mining surveys.....	100
Instructions for reports on placer mines.....	6
Contracts and special instructions for surveys of public lands.....	5
Aggregate liability.....	\$5,018
Contracts and special instructions for resurveys.....	3
Aggregate liability.....	\$650
Contracts for surveys of Indian reservations, etc.....	2
Aggregate liability.....	\$3,800

Since last report there have been appointed 10 United States deputy mineral surveyors, who have qualified, as follows:

Name.	Address.	Name.	Address.
Walter H. Kirkbride.....	San Mateo.	John G. Hopper.....	Sonora.
James M. Gleaves, jr.....	Redding.	George J. Wagner.....	Berkeley.
Marion L. Cook.....	San Bernardino.	Allen B. Shearer.....	Yreka.
Robert H. Goodwin.....	San Francisco.	Alfred Bannister.....	Alameda.
William C. Elsemore.....	Eureka.	Alfred B. Summers.....	Plymouth.

SWAMP LAND.

There are four cases now before this office waiting a hearing, involving 1,594.19 acres.

Work of drafting office for year ending June 30, 1898.

Month and year.	T w n s h i p m a p s .					R e s e r v a t i o n s a n d r a n c h o s .					M i n e r a l l a n d s , q u a r t z , a n d p l a c e r c l a i m s .					S u n d r i e s .				
	E x t e r i o r s .		S u b d i v i s i o n s .			O r i g i n a l .	P a t e n t .	S k e l e t o n .	T r a c i n g .	C o u r t .	O r i g i n a l .	D e p a r t m e n t .	R e g i s t e r .	P o s t e r s .	S e c t i o n a l d i a g r a m s .	T r a c i n g s .	G e n e r a l m a p s .	T r a c i n g s f o r d e p u t i e s .	M i s c e l l a n e o u s .	T o t a l f o r m o n t h a n d y e a r .
	O r i g i n a l .	D e p a r t m e n t .	O r i g i n a l .	D e p a r t m e n t .	R e g i s t e r .															
1897.																				
July			2	5	1						3	4	3	6	4			15	1	44
August								1			14	15	14	23	12			6		85
September			1	1							14	14	15	21	7			12		85
October											18	18	19	42	14				3	114
November						3					5	6	5	6	6			4		35
December			1	1	1						10	10	10	10	6			6	1	56
1898.																				
January					1	2	2	2			14	14	14	17	6			16		88
February	1	1	2	7	1						15	15	15	13	24			5	2	101
March	1	1	7	5	1						1	1	1	5	24			3		49
April	1	2	4	6	10						21	21	19	36		1			2	123
May	1	1	9	6	1						7	8	7	22	36			1	6	105
June			3	2	2						7	7	6	13	42			6		88
Total	4	4	29	33	18	5	2	2	1		129	133	128	214	181	1		77	12	923

The extent and character of surveys approved in year ending June 30, 1898, are as follows, viz:

Township and range.	Meridian.	By whom surveyed.	Number and date of contract.	Standard and base lines.	Township lines.	Subdivision and connecting lines.	Grant and meander lines.
4 N., 12 W.	M. D.	C. A. Ensign	121, Mar. 26, 1895	M. C. L.	M. C. L.	M. C. L.	M. C. L.
Potrero Ind. Res.	S. B.	G. F. Wade	Inst., various dates.	0 12 60	14 1 71	33 5 0	43 0 6
Rincon Ind. Res.	S. B.	do	do		3 14 0	24 65 31	44 38 89
43 N., 5 W.	M. D.	J. M. Davidson	Inst., July 16, 1892		5 1 86	6 59 23	
43 N., 8 W.	M. D.	do	141, Jan. 28, 1897		16 16 89	59 52 66	
28 S., 33 E.	M. D.	G. H. Perrin	133, May 26, 1897			22 37 65	
31 S., 33 E.	M. D.	do	do			14 71 47	
31 S., 36 E.	M. D.	do	do			63 41 32	
32 S., 36 E.	M. D.	do	do		24 63 40	7 45 5	
31 S., 34 E.	M. D.	do	do		2 0 30	25 42 33	
31 S., 35 E.	M. D.	do	do		4 34 60	53 74 45	
11 S., 3 W.	S. B.	J. C. Rice	130, Nov. 11, 1896		8 1 44	3 1 25	
11 S., 4 W.	S. B.	do	do			3 41 37	
4 S., 4 W.	S. B.	G. M. Pearson	124, Nov. 20, 1895		2 0 0	3 44 13	
4 S., 5 W.	S. B.	do	do		1 67 17	14 48 11	6 4 79
5 S., 4 W.	S. B.	do	do		1 75 64	6 51 46	
26 S., 18 E.	M. D.	J. M. Gore	80, June 23, 1891	1 1 50		29 34 54	
27 S., 18 E.	M. D.	do	do		18 5 74	60 60 91	
28 S., 18 E.	M. D.	do	do		24 12 73	21 34 80	
27 S., 19 E.	M. D.	do	do		1 76 95	22 69 71	
1 N., 4 W.	S. B.	G. H. Perrin	Inst., May 6, 1896		4 22 80	6 24 6	5 16 12
1 N., 4 W.	S. B.	do	389, Dec. 24, 1884		4 1 43		1 79 89
1 N., 5 W.	S. B.	do	do			4 60 60	5 41 68
2 N., 5 W.	S. B.	do	do			19 36 24	8 11 5
13 N., 16 W.	M. D.	J. R. Glover	304, Oct. 31, 1876			10 73 62	
Total					1 14 10	139 11 80	114 32 48

Very respectfully,

J. M. GLEAVES,

United States Surveyor-General for California.

The COMMISSIONER GENERAL LAND OFFICE,
Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF COLORADO.

DENVER, *July 1, 1898.*

SIR: In accordance with instructions in your circular letter E, dated April 29, 1898, I have the honor to submit, in duplicate, my annual report, with statement of contracts entered into with deputy surveyors for the survey of public lands, payable from the regular appropriation; statement of office work in connection with the survey of mineral claims, and statement of accounts of the office for the fiscal year ending June 30, 1898.

LAND DIVISION.

Acres of land surveyed, accepted.....	124,975
Acres of land surveyed, not yet accepted.....	284,688
Miles of lines surveyed, accepted.....	430
Miles of lines surveyed, not yet accepted.....	981
Townships subdivided and surveys accepted.....	9
Townships subdivided and surveys not yet accepted.....	22
Plats made of surveys.....	102
Diagrams made for adjustment of agricultural claims and placer claims by legal subdivisions, by order of General Land Office.....	42
Town site surveyed, accepted.....	1
Town site surveyed, not yet accepted.....	1
Diagrams of surveys made to accompany special instructions to deputy surveyor.....	9
Original diagrams of sections made in conformity with paragraph 42 of mining circular of December 15, 1897.....	95
Diagram tracings of segregation sheets made and forwarded to the general and local land offices.....	212
Surveyed sections affected by mineral surveys.....	1,580
Segregation sheets made to date.....	482
Contracts entered into for survey of public lands.....	3
Special instructions prepared and issued in quadruplicate for the survey of public lands.....	3

STATEMENT OF SURVEYS UNDER CONTRACTS NOT CLOSED AT DATE OF LAST ANNUAL REPORT.

George W. House, deputy surveyor, under contract No. 794, dated June 23, 1893:
T. 5 S., Rs. 94, 95, and 96 W. of the sixth principal meridian.

Edwin H. Kellogg, deputy surveyor, under contract No. 795, dated Octob
1893:

T. 32 N., Rs. 4, 5, and 6 E., New Mexico meridian.

T. 33 N., R. 2 E., New Mexico meridian.

T. 34 N., R. 4 E., New Mexico meridian.

T. 36 N., Rs. 1 and 2 E., New Mexico meridian.

Ts. 34, 35, and 36 N., R. 2½ W., New Mexico meridian.

Edwin H. Kellogg, deputy surveyor, under contract No. 798, dated May 27, 1895:

T. 15 S., Rs. 97 and 98 W., sixth principal meridian.

T. 14 S., Rs. 97 and 98 W., sixth principal meridian.

T. 48 N., R. 8 W., New Mexico meridian.

William H. Cochran, deputy surveyor, under contract No. 797, dated July 24,
1895:

Resurvey of Cornwall town site in Rio Grande County, Colo.

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Theodore Rosenberg, deputy surveyor, under contract No. 800, dated March 31, 1896:

T. 6 S., R. 83 W., sixth principal meridian.

John A. Storm, deputy surveyor, under contract No. 802, dated May 1, 1896:
Survey of the west boundary of the Ute ceded lands in Colorado.

James A. Dofflemyre, deputy surveyor, under contract No. 803, dated August 8, 1896:

Ts. 3 and 4 N., R. 87 W., sixth principal meridian.

T. 2 N., R. 92 W., sixth principal meridian.

Ts. 2 and 3 S., R. 93 W., sixth principal meridian.

Blair Burwell, deputy surveyor, under special instructions dated August 22, 1896:

A portion of T. 34 N., Rs. 10 and 11 W., New Mexico meridian in Old Fort Lewis Military Reservation.

Addison J. McCune, deputy surveyor, under contract No. 804, dated August 28, 1896:

T. 2 S., Rs. 95 and 96 W., sixth principal meridian.

T. 9 S., R. 100 W., sixth principal meridian.

T. 11 S., R. 97 W., sixth principal meridian.

Fractional T. 10 S., Rs. 100, 101, and 103 W., sixth principal meridian and meander lines of Grand River.

John W. Iriou, deputy surveyor, under contract No. 805, dated March 31, 1897:
Extension survey in T. 8 S., Rs. 82, 83, and 84 W., sixth principal meridian.

John A. Bennett, deputy surveyor, under contract No. 806, dated May 8, 1897:
Ts. 37 and 38 N., R. 5 W., New Mexico meridian.

Fractional T. 34 N., Rs. 13, 14, and 15 W., New Mexico meridian.

Statement of contracts entered into with deputy surveyors for the survey of public lands during the fiscal year ending June 30, 1898, payable from the regular appropriations for that year.

No.	Date of contract.	Name of deputy.	Character and location of field work.	Estimated liability.
808	Nov. 1, 1897	Addison J. McCune	Survey of fractional T. 1 N., Rs. 2 and 3 W., of the Ute meridian, lying south of Grand River, and meanders of south bank of Grand River.	\$750
809	Mar. 26, 1898	George F. Ober	Survey of east boundary of Southern Ute Indian Reservation in Colorado and extension of northern and southern boundaries.	488
(a)	Aug. 7, 1897	Henry C. Rowley	Survey of boundaries of Amethyst town site, in Mineral County, Colo.	25

a Special instructions.

Surveys accepted by General Land Office during the fiscal year ending June 30, 1898.

No.	Date.	Deputy.	Township and range.	Meridian.	Miles, chains, and links.	Acres.	Ad-justed.
797	July 24, 1895	W. H. Cochran.	Cornwall town site.	.....	3 57 89	311.86	\$26.61
798	May 27, 1895	E. H. Kellogg..	15 S., 97 W	Sixth.....	71 47 40	17,737.70	.....
			15 S., 98 W	do	64 43 02	19,408.55	.....
			14 S., 98 W	do	56 65 96	11,724.71	.....
			14 S., 97 W	do	27 61 58	9,818.88	.....
			48 N., 8 W	New Mex-ico.	72 65 22	25,359.16	2,248.54
804	Aug. 28, 1896	A. J. McCune..	9 S., 100 W	Sixth.....	54 79 43	19,821.43	.....
			10 S., 100 W	do	23 60 34	8,086.71	.....
			10 S., 101 W	do	9 26 84	3,001.97	.....
			10 S., 103 W	do	44 32 61	9,703.97	895.99

Surveys completed and approved by the surveyor-general but not yet accepted by the General Land Office.

No.	Date.	Deputy.	Township and range.	Meridian.	Miles, chains, and links.	Acres.	Lia-bility.
794	June 23, 1898	G. W. House...	5 S., 94 W	Sixth	62 75 5	22,371.18	-----
			5 S., 95 W	do	60 3 12	23,053.00	-----
			5 S., 96 W	do	59 62 38	22,858.66	\$1,299.23
800	Mar. 31, 1896	T. Rosenberg...	6 S., 83 W	do	10 46 0	3,040.00	70.00
803	Aug. 8, 1896	J. A. Dofflemyre.	3 N., 87 W	do	50 0 32	15,356.60	1,885.29
			4 N., 87 W	do	60 39 18	18,471.45	-----
			2 N., 92 W	do	53 3 26	19,151.13	-----
			2 S., 93 W	do	54 47 7	20,371.37	-----
			3 S., 93 W	do	65 70 78	22,940.75	-----
804	Aug. 28, 1896	A. J. McCune...	2 S., 95 W	do	68 15 78	23,494.43	1,217.49
			2 S., 96 W	do	61 37 87	23,447.32	-----
			11 S., 97 W	do	57 66 91	20,563.28	-----
805	Mar. 31, 1897	J. W. Irion....	8 S., 82 W	do	1 40 0	320.00	486.77
			8 S., 83 W	do	34 0 10	8,160.00	-----
			8 S., 84 W	do	33 72 48	8,297.79	-----
806	May 8, 1897	J. A. Bennett...	37 N., 5 W	New Mex-ico.	49 51 44	14,718.56	506.41
			34 N., 13 W	do	16 23 27	5,753.23	-----
			34 N., 14 W	do	3 49 27	576.64	-----
808	Nov. 1, 1897	A. J. McCune...	1 N., 2 W	Ute	20 40 7	3,283.67	775.74
(a)	Aug. 22, 1896	Blair Burwell...	1 N., 3 W	do	23 37 70	3,218.55	-----
			34 N., 10 W	New Mex-ico.	9 39 74	2,997.69	113.80
			34 N., 11 W	do	5 81 52	2,166.66	-----
802	May 1, 1896	J. A. Storm....	Western boundary, Ute ceded lands.		116 58 48	-----	931.63
(a)	Aug. 7, 1897	H. C. Rowley...	Amethyst town site		1 36 27	76.08	11.04

a Special instructions.

Extension of time until October 1, 1897, was granted to Edwin H. Kellogg, deputy surveyor, under contract No. 795, dated October 18, 1893, to make corrections of his survey; action approved by General Land Office letter E, dated February 4, 1897. The correction surveys were made in the field and the notes filed in this office on October 1, 1897; but upon examination so many errors were found in them they had to be returned to the deputy for correction, but have again been filed, and upon examination appear to be correctly executed; and the plats and transcripts of same are now being prepared in this office.

The survey of George F. Ober, deputy surveyor, under contract No. 809, dated March 26, 1898, has been completed in the field and the notes were filed in this office on June 22, 1898.

The survey of George W. House, under his contract No. 794, dated June 23, 1893, embracing T. 5 S., Rs. 94, 95, and 96 W., of the sixth principal meridian, was finally rejected by the General Land Office on June 20, 1898.

MINERAL DIVISION.

Statement of official orders issued during the fiscal year ending June 30, 1898.

Nature of work.	Number.	Lodes.	Placers.	Mill sites.
Orders for original surveys, 1897:				
July	68	148	4	2
August	52	91	1	2
September	63	192	1	3
October	55	102	6	1
November	61	105	9	1
December	49	102	9	1
Orders for original surveys, 1898:				
January	52	132	4	-----
February	55	120	7	5
March	37	89	4	1
April	45	148	1	2
May	33	66	1	8
June	29	70	1	2
Total	595	1,365	48	23
Amended orders for original surveys	72	254	6	2
Total	667	1,619	54	25

Statement of official orders issued, etc.—Continued.

Nature of work.	Number.	Lodes.	Placers.	Mill sites.
Orders for amended surveys, 1897:				
July	9	10	4	-----
August	3	4	-----	-----
September	6	7	-----	-----
October	3	16	1	-----
November	6	6	-----	1
December	6	8	3	-----
Orders for amended surveys, 1898:				
January	8	27	2	1
February	7	13	-----	-----
March	7	15	1	-----
April	9	35	-----	-----
May	15	28	3	-----
June	6	16	5	-----
Total	85	185	19	2
RECAPITULATION.				
Total original survey orders issued	667	1,619	54	25
Total orders for amended surveys issued	85	185	19	2
Total official orders issued	752	1,804	73	27
Original surveys approved 1897:				
July	56	90	2	5
August	68	170	2	6
September	66	172	2	2
October	60	103	6	4
November	49	114	3	1
December	53	92	3	1
Original surveys approved 1898:				
January	51	89	4	2
February	51	99	11	2
March	72	222	9	3
April	68	199	11	2
May	37	92	-----	1
June	33	69	2	3
Total	664	1,511	55	32
Amended surveys approved 1897:				
July	2	3	-----	1
August	1	1	-----	-----
September	3	4	1	-----
October	6	8	-----	-----
November	2	2	1	-----
December	4	19	-----	-----
Amended surveys approved 1898:				
January	3	3	-----	-----
February	4	4	-----	-----
March	7	10	-----	1
April	7	11	1	-----
May	8	20	3	-----
June	15	38	1	-----
Total	62	123	7	2
Amended plats and field notes approved	153	241	-----	-----
Total	215	364	7	2
Descriptive reports, legal subdivisions	1	2	-----	-----
Certificates of \$500 expenditure	228	-----	-----	-----
Total	229	2	-----	-----
RECAPITULATION.				
Total original surveys approved	664	1,511	55	32
Total amended surveys approved	215	364	7	2
Total reports and affidavits approved	229	2	-----	-----

Original surveys before the office June 30, 1898.

	Number.	Locations.
Under examination or returned for correction.....	35	75
Number of surveys being made up.....	9	22
Number of surveys awaiting examination.....		
Total.....	43	96
Number of orders issued and surveys not filed.....	36	85

Amended surveys before the office June 30, 1898.

Number of cases awaiting action of claimants.....	71
Cases ready to be prepared.....	39
Number of cases reported and awaiting action of General Land Office.....	5
Number of cases in office.....	115

Connected sheets and mineral plats.

Old connected sheets.....	1,430
New sheets constructed.....	75
Old sheets reproduced or renewed.....	10
Mineral plats made.....	4,031
Transcript of field notes, reports, and affidavits prepared.....	1,163

Letters.

General Land Office letters received.....	560
Miscellaneous letters received.....	5,450
General Land Office letters written.....	740
Miscellaneous letters written.....	3,896

Statement of deputy mineral surveyors.

Total number of deputy mineral surveyors.....	157
Deputies under suspension.....	1
Commissions issued during fiscal year.....	26

Account salaries, surveyor-general and clerks.

Appropriation.....	\$12,000.00
Paid surveyor-general.....	2,000.00
Paid clerks.....	9,715.00
Balance refunded, per certificate of deposit No. 7960, issued by First National Bank of Denver June 30, 1898.....	285.00
	12,000.00

Account contingent expenses.

Appropriation.....	\$3,600.00
Paid rent.....	2,000.00
Paid incidentals.....	1,440.67
Balance refunded, per certificate of deposit No. 7961, issued by First National Bank of Denver June 30, 1898.....	159.33
	3,600.00

Account deposits by individuals for office work on survey of mineral claims.

July 1, 1897, balance in United States Treasury.....	\$30,828.34
Deposits for office work on mineral surveys:	
July, 1897.....	4,015.00
August, 1897.....	2,920.00
September, 1897.....	6,905.00
October, 1897.....	2,515.00

400 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Deposits for office work on mineral surveys—Continued.

November, 1897.....	\$4,085.00
December, 1897.....	3,880.00
January, 1898.....	5,135.00
February, 1898.....	4,230.00
March, 1898.....	2,770.00
April, 1898.....	5,270.00
May, 1898.....	2,310.00
June, 1898.....	2,785.00
January 12, 1898, certificate of deposit No. 1654, issued by the First National Bank, Denver, Colo., to refund unexpended balance.....	3,333.77

Total..... \$80,982.11

Drafts received from United States Treasurer:

July 11, 1897.....	14,000.00
October 20, 1897.....	12,500.00
January 31, 1898.....	16,000.00
May 2, 1898.....	9,000.00

51,500.00

September 11, 1897, certificate of deposit No. 1654, issued by the First National Bank, Pueblo, Colo., June 29, 1898, account of survey of Daisy Douglass lode, canceled. See honorable Commissioner's letter M, dated September 8, 1897.....

35.00

Total..... 51,535.00

July 1, 1898, balance in United States Treasury..... 29,447.11

July 1, 1897, balance on deposit in First National Bank, Denver, Colo.....	4,592.27
Drafts from United States Treasury as per above.....	51,500.00

Total..... 56,092.27

Disbursements:

Paid clerks, quarter ending September 30, 1897.....	13,094.50
Paid incidentals, quarter ending September 30, 1897.....	40.00
Paid clerks, quarter ending December 31, 1897.....	12,979.00
Paid clerks, fractional quarter ending March 31, 1898, January 1 to 12, inclusive.....	1,645.00
Paid clerks, fractional quarter ending March 31, 1898, January 13 to March 31, inclusive.....	9,463.50
Paid incidentals, fractional quarter ending March 31, 1898, January 13 to March 31, inclusive.....	6.50
Paid incidentals, quarter ending June 30, 1898.....	200.00
Paid clerks, quarter ending June 30, 1898.....	9,659.00
January 12, 1898, certificate of deposit No. 7308, issued by the First National Bank, Denver, Colo., to refund unexpended balance.....	3,333.77

Total..... 50,421.27

July 1, 1898, balance on deposit in First National Bank, Denver.....	5,671.00
July 1, 1898, balance in United States Treasury.....	29,447.11

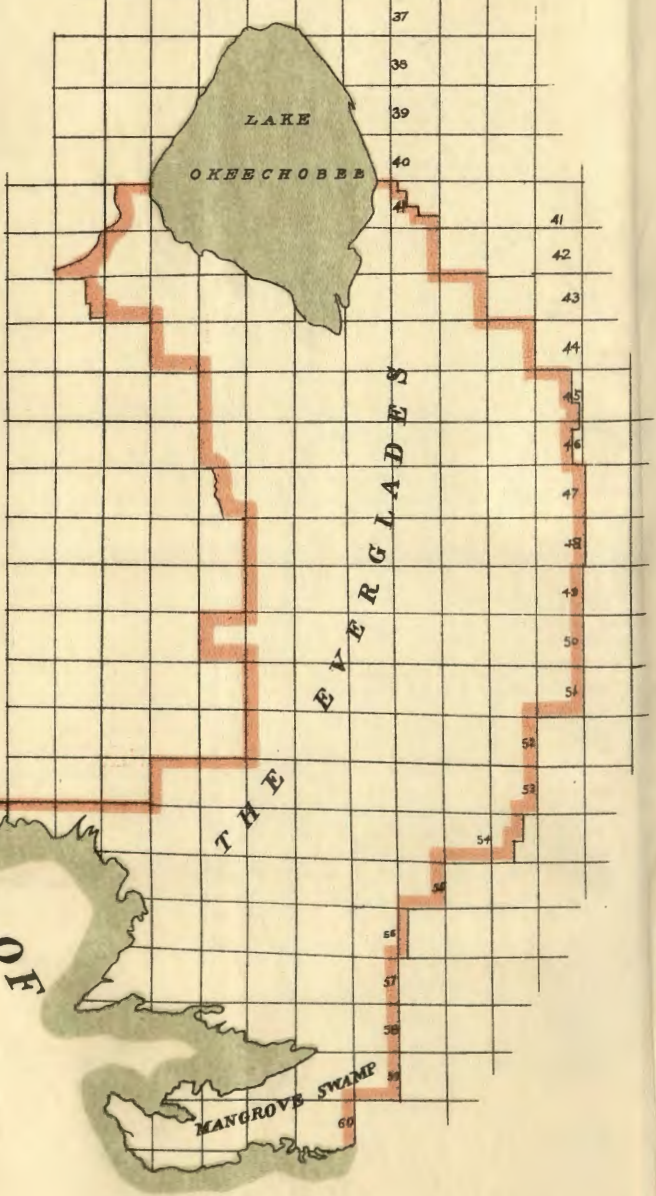
Total balance to credit of office..... 35,118.11

Very respectfully,

RICHARD LE BERT, *Surveyor-General.*

To the COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

30 31 32 33 34 35 36 37 38 39 40



GULF OF MEXICO

MANGROVE SWAMP

LAKE

OKEECHOBEE

THE EVERGLADES

REPORT OF THE SURVEYOR-GENERAL OF FLORIDA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Tallahassee, Fla., July 6, 1898.

SIR: In compliance with the directions contained in your circular letter E, dated April 29, 1898, I have the honor to submit the following annual report, in duplicate, of surveying operations in this district for the fiscal year ending June 30, 1898:

OFFICE WORK.

Owing to the great amount of arrears on hand at the beginning of this fiscal year, and to the character of the regular work, this office has been very much crowded with work. In order to attend to the routine-work alone it has been necessary to extend the office hours considerably, and even to work at night.

A large part of the office work has been connected with the miscellaneous letters, of which 364 have been received and 392 written by this office. To attend to this business in a satisfactory manner a great deal of investigation is required, and often much correspondence. Some of the letters received request information which is not obtainable at this office (though these are not many), in which cases recourse must be had to other sources, with the consequent expenditure of much time.

Of the departmental letters, 117 have been received and 196 have been written.

The following plats, reports, copies of records, etc., have been prepared at this office within the last fiscal year for transmittal to Washington:

Two partial reports on the progress of the survey of the claim of Jose de la Maza Arredondo for 20,000 acres, by Elisha B. Camp.

Patent plat and descriptive notes of the claim of John Kershaw, designated as Sec. 43, T. 6 S., R. 29 E., and Sec. 40, T. 6 S., R. 30 E., Florida.

Report relative to appeal from adverse decision of this office in the matter of the application of W. W. Laidlow for the survey of an alleged unsurveyed tract of land, situated on the St. Johns River, in Sec. 5, T. 2 S., R. 27 E., Florida.

Report as to status of land along the Gulf coast, in Ts. 3 and 4 S., R. 32 E., concerning the advisability of its survey, and recommending that said survey be not made at present.

Report on the area of the private claim of Atkinson and Clarke, in Sec. 37, T. 13 S., R. 29 E., and Sec. 37, T. 13 S., R. 30 E.

Report on the appeal from the adverse decision of the Commissioner relative to the application of Frederick T. Laird for a survey of the private land claim of Nicholas Rodriguez.

Approved plat and certified transcript of the field notes of the survey of Live Oak Island, in fractional Secs 23, 24, 25, and 26, T. 28 S., R. 29 E., Florida, as executed by W. H. Macey, deputy surveyor. Also the surveying account, in duplicate, for the same survey.

Two partial reports on the progress of the resurvey of T. 46 S., R. 21 E., with the necessary retracements in Ts. 45 and 46 S., R. 22 E., Florida, by A. W. Gilchrist, deputy surveyor.

Special instructions, in duplicate, to E. B. Camp, deputy surveyor, for the resurvey of a sufficient number of section lines for the computation of the areas of all sections made fractional by the boundary of the Jose de la Maza Arredondo grant of 20,000 acres recently surveyed in Columbia County, Fla.

Report on the application of Francis H. Sheppard for the resurvey of that portion of T. 4 S., R. 15 W., Florida, which lies between the Gulf of Mexico and an arm of St. Andrews Bay, locally known as the "Grand Lagoon," and which is designated on the township plat as fractional sections 5, 6, 7, 8, 9, 15, 16, 17, 21, 22, 23, 25, 26, 27, 35, and 36. T. 4 S., R. 15 W., Florida.

Report concerning the rates at which competent surveyors can be secured to definitely locate tracts of surveyed land upon which timber is alleged to have been illegally cut.

Report relative to the procedure of A. F. Dunnington, deputy surveyor, in the survey of the lots of Fort St. Marks, Fla.

Two partial reports on the progress of the resurvey by E. B. Camp, deputy surveyor (under special instructions in lieu of contract), of certain section lines in connection with the Jose de la Maza Arredondo grant of 20,000 acres in Columbia County, Fla.

Report as to the condition of the claim of Francisco Ferreira to certain islands, plats and description of which are in the course of preparation.

Report relative to certain indexes of the Spanish Archives which are in the possession of private individuals.

Report concerning the survey of "Ragged Keys," in T. 56 S., R. 42 E., Florida.

SWAMP LANDS.

Copies of List No. 86 of Swamp Land, approved April 8, 1898, embracing about 1,915 acres, were sent to the General Land Office at Washington and to the local land office at Gainesville, Fla.

The selections of "swamp land" that were rejected by this office as not coming within range of the above act were very numerous, including on the whole about 5,429 acres. Owing to the good quality of much of this land, this rejection involves a great saving to the Government.

All of the above decisions made by this office were approved by the Commissioner of the General Land Office.

There are at present on file in this office several swamp-land selections which have not been examined as yet, because of the pressure of other business of more immediate importance. They embrace in the aggregate about 873 acres.

SPANISH ARCHIVES.

My predecessor and others have repeatedly urged that a clerk versed in the Spanish language be obtained to translate and index the Spanish archives of east and west Florida. These suggestions were not acted upon and it seems probable that they never will be, hence I do not feel called upon to make any suggestions.

SURVEYS.

During the past fiscal year there has not been much field work done in this district, principally on account of arrears in office work.

The survey of the boundaries of the Jose de la Maza Arredondo grant of 20,000 acres, in Columbia County, Fla., executed by Elisha B. Camp, deputy surveyor, under his contract No. 5, has been completed, and the returns are in this office awaiting examination.

After the survey of the above boundaries, Mr. Camp, acting under special instructions in lieu of contract, made the resurvey of certain section lines, to enable this office to compute the areas of all sections made fractional by the boundaries of the Jose de la Maza Arredondo grant, previously surveyed. This work was completed, and the returns for the same are on file awaiting the action of this office.

The resurvey of T. 46 S., R. 21 E., and necessary retracements in Ts. 45 and 46 S., R. 22 E., Florida, executed by A. W. Gilchrist, deputy surveyor, under his contract No. 6, has been completed, and the returns of the same have been received by this office and are awaiting examination.

Two applications for surveys have been approved by the Commissioner of the General Land Office in the last fiscal year, and the surveys have been ordered. Several others are now on file in this office. Of the approved applications for surveys, one is for "Ragged Keys," on the southeast coast of Florida, and the other is for a strip of land on the Gulf coast, in fractional sections 5, 6, 7, 8, 9, 15, 16, 17, 21, 22, 23, 25, 26, 27, 35, and 36, T. 4 S., R. 15 W., Florida.

However, the amount of arrears of office work has rendered it advisable to begin no new surveys until the returns of those already completed are examined. There are three sets of returns now awaiting the action of this office, and it will be some time before they will be disposed of. This delay causes considerable dissatisfaction among the deputy surveyors, some of whom have to wait upward of a year before having their surveys accepted and receiving compensation therefor; and if this condition continues to exist it may become difficult to secure the services of competent surveyors to perform the Government work. Hence I have deemed it wise to wait a few months, perhaps, until some of the work on the returns already on file is completed before initiating any surveys and compelling other surveyors to wait a long time before receiving their pay.

ARREARS OF OFFICE WORK.

During the past year the office work has been so extensive that arrears have inevitably resulted, owing to the small clerical force in this office until a short time ago. By the recent action of the Department, however, in detailing two additional clerks to this office the arrears in indexing letters have been almost removed. It is hoped that the other work of the office will soon be brought up to date.

There are the returns of three completed surveys on file in the office which have not been examined, on account of a lack of clerical force to attend to the current business coming into the office.

Considerable work remains to be done on the plats, descriptive notes, etc., of the Francisco Ferreira claim, embracing over 4,000 acres. This work has been retarded by the resignation of the former chief clerk and draftsman and by the lack of requisite drafting apparatus; but the prospects are now favorable for its speedy completion. This claim is quite old, having been before the Department for about three-quarters of a century.

Several selections of land as inuring to the State of Florida under the swamp land act of September 28, 1850, await the action and decision of this office, as before mentioned. These claims demand a great deal of investigation and the expenditure of much time in order to subserve the best interests of the Department.

As stated in my annual estimates, dated June 24, 1898, the following work also has not been performed for want of the necessary time.

Indexing all the plats on file in this office.

Reproduction of parts of the chart index of field notes.

Reproduction of many township plats which are becoming much worn and defaced.

Transcribing upward of 30 volumes of field notes, etc., which are almost illegible on account of the fading of the ink with which they were written.

Wrapping and labeling bundles of manuscript records and preparing them for preservation against the ravages of insects, etc.

APPROPRIATIONS.

For the fiscal year ending June 30, 1898, the following appropriations were made by Congress: For salaries of the surveyor-general of Florida and clerks in his office, \$3,000; for books, stationery, and other incidental expenses, \$500. The \$3,500 thus appropriated has been received, and of this amount there has been expended for salaries \$2,963.68, and for incidental expenses \$242.78, leaving the balances, \$36.32 and \$257.22, respectively, placed to the credit of the Treasurer of the United States.

Respectfully submitted,

R. L. SCARLETT,

United States Surveyor-General of Florida.

The COMMISSIONER OF THE GENERAL LAND OFFICE,

Washington, D. C.

Statement of surveying contracts entered into during the fiscal year ending June 30, 1898.

Contract.		Deputy.	Description of survey.	Liability.
No.	Date.			
(a)	Nov. 9, 1897	E. B. Camp.	Resurvey of the section lines necessary for the computation of the areas of all the sections made fractional by the boundaries of the Jose de la Maza Arredondo grant of 20,000 acres, in Columbia County, Fla.	\$400

a Special instructions in lieu of contract.

REPORT OF THE SURVEYOR-GENERAL OF IDAHO.

OFFICE UNITED STATES SURVEYOR-GENERAL,
DISTRICT OF IDAHO,
Boise City, July 1, 1898.

SIR: In compliance with your circular letter E, dated April 29, 1898, I have the honor to submit an annual report of surveying operations in the district of Idaho for the fiscal year ended June 30, 1898, with tabular statements, as follows:

A.—Statement showing contracts awarded by this office, all but one of which were approved by your office, payable, from the apportionment of \$32,000 to this surveying district, from the appropriation by act of Congress approved June 4, 1897, for surveys and resurveys of public lands.

B.—Statement of special instructions awarded, in lieu of contract and approved by your office, payable from the apportionment of \$15,000 for resurveys, per act of Congress approved June 4, 1897, making an appropriation for surveys and resurveys of public lands.

C.—Detailed statement of performance of work in the field (approved surveys) and office during the fiscal year ended June 30, 1898.

The Northern Pacific Railway Company applied for the survey of two small islands in the Pend Oreille River, in T. 56 N., R. 5 W., in accordance with the provisions of sections 2401, 2402, and 2403, of the Revised Statutes, and deposited the sum of \$15 to pay for the survey thereof, and the sum of \$30 to pay for the work of this office in connection therewith. Special instructions in lieu of contract were issued Mr. Fred G. Plummer, of Tacoma, Wash., providing for the survey of these islands, and were duly approved by your office.

The probate judge of Lemhi County, Idaho, as trustee for the claimants, applied for the survey of Gibbonsville town site, upon unsurveyed public land in Dahlonaga mining district, Lemhi County, Idaho, and deposited the sum of \$12 for field and \$75 for office work in connection with said survey. Special instructions were issued some months ago for this survey, but no returns have yet been received.

The deposits to pay for office work in connection with the survey of mining claims and mill sites for patents amounted to \$3,740.

As appears from Statement C, during the fiscal year surveys were approved and all office work in connection therewith performed, aggregating 2,995 miles, 65 chains, 12 links, classified as follows:

Character of lines.	Measurements.		
	Miles.	Chs.	Lks.
Meridian lines and reservation boundary	22	9	7
Standard lines	41	22	24
Township lines	371	62	43
Section lines	2,366	16	50
Meander lines	166	73	68
Connection lines	27	41	20
Total	2,995	65	12

Sixty-five townships and fractional townships were surveyed and the surveys approved, embracing 910,824.06 acres of land.

The number of acres surveyed in Idaho up to June 30, 1898, is 16,358,455, the total area of Idaho being 55,228,160 acres. The area remaining unsurveyed on June 30, 1898, is 38,869,705 acres.

There were completed during the year:

Plats of exterior lines of townships	14
Plats of townships subdivided	146
Plats of mining claims and mill sites (216 of which were consolidated claims) ..	344
Plats, connected sheets of mineral surveys	12
Plats of segregation of mineral lands from public domain	9
Diagram plats accompanying awarded contracts	30
Plats and diagrams for special agents and examiners of surveys	33
Total	588

One hundred and thirty certified transcripts of approved agricultural and mineral surveys were prepared and transmitted. Nineteen sets of special instructions, in quadruplicate, were prepared, including 340 pages.

Applications were received for the survey of 124 mining claims and mill sites,

estimates of the necessary office expenses in connection therewith supplied, and orders for survey issued.

One hundred and thirty-two lode mining claims, 11 placers, and 10 millsites have been surveyed for patents and the requisite plats and transcripts furnished the claimants.

Twenty-one surveying accounts, each in triplicate, were prepared for approved surveys, duly executed by the contracting deputies and submitted to your office.

Examinations of surveys executed under ten contracts were made in the field by Mr. George W. Ball, a special agent of your office.

In addition to the matters heretofore specified, and not included in Statement C, surveys were completed in the field and returns thereof filed as follows:

Contract No. 181.—Samuel G. Rhoades and William B. Kimmel, 15 townships, the majority of them fractional.

Contract No. 182.—Albert Oliver, 2 townships.

Contract No. 185.—Henry Meldrum, 3 of the 4 townships included in his contract have been completed. The time for completion of the remainder has been extended to October 31, 1898.

Contract No. 186.—Hezekiah H. Johnson and Harold A. Rands, 5 townships.

This State is steadily increasing in population and settlements are being made to a large extent upon unsurveyed public lands, which conditions will necessitate for a number of years to come large appropriations for public surveys. As soon as the Fort Hall Indian Reservation shall be opened to settlement there will be immediate demand for extensive surveys within its boundaries. Numerous irrigation enterprises in southern Idaho are either in course of construction or in contemplation, which, when completed, will render thousands of acres as fertile as the Valley of the Nile. In northern Idaho a hardy race of pioneers have settled upon heavily timbered lands and have been hewing for themselves homes in the wilderness. A very large proportion of all the lands north of the forty-fifth degree of latitude are exceedingly fertile, having been enriched by the vegetable mold of ages, and have sufficient rainfall to produce excellent crops; while in southern Idaho there is a larger amount of flowing water that can be utilized for irrigation than in any other arid State in the Union.

Surveys should be permitted not only upon the application of settlers but whenever lands are within the range and progress of settlement. Many desirable immigrants refuse to settle within the borders of the State because lands which they desire have not been surveyed and they refuse to wait a year or two for the execution and acceptance of surveys.

During the last quarter of the fiscal year there has been great activity in placer mining, as shown by the issue of orders for the survey of 23 placer claims.

The famous Boise Basin country, where in the early sixties the most marvelous discoveries of placer gold deposits ever made on the American continent were found, is again attracting attention and many large enterprises are being inaugurated in that locality.

A great deal of work is also being done in the old Warrens mining district, as well as in other parts of the State.

It is certain that applications for patents for placer ground will largely increase during the next year, for the world offers nowhere more golden opportunity for the intelligent prospector, as the State is rich in its field of gold now and the chances offered for enterprise and profitable investment are rapidly becoming known.

IN THE INTEREST OF APPLICANTS FOR MINERAL SURVEYS.

The rules prevailing with reference to the employment of clerks and draftsmen in the office should be so modified that the surveyor-general may at any time increase the number of employees performing this character of work. At the present time all employees paid from the "Special deposits by the individuals appropriation" are subject to the civil-service rules and none but emergency appointments will be authorized except upon certification by the Civil Service Commission. As a consequence it is impossible to perform the most efficient service for the benefit of mineral claimants, who deposit the funds to pay for all office work and are therefore entitled that the same shall be performed expeditiously and accurately. A large mining corporation will apply for survey of a number of mining claims at the same time, and as soon as the returns of the deputy mineral surveyor are received it should be permissible to employ a sufficient number of draftsmen and transcribing clerks to enable the office to transmit the requisite number of plats and transcripts within three or four days after the receipt of the returns. This result could be easily accomplished if the office were permitted to exert its own judgment in employing assistants, and it is believed that mineral claimants uniformly consider that this larger discretion should be reposed in the

surveyor-general. They could then hold him personally accountable for proper performance of the work for which they have paid.

It should be constantly borne in mind that the Government is simply a trustee for the proper disposition of the "Special deposits by individuals appropriation," and therefore should consult the interests and welfare of the beneficiaries.

I therefore recommend that such action be taken as will enable surveyors-general to use the "Special deposits by individual fund" in such a way as they may consider most beneficial to those who create it. It may be considered that there is proper machinery supplied for increasing the number of employees in this office, but the delays incident to the granting of a request for the appointment of additional draftsmen and transcribing clerks have been so great and are liable to continue to be of such duration that no appreciable benefit has accrued to the mineral claimants. From three weeks to three months elapse from the time that an application is made to increase the force until appointments are authorized, and by the time that definite action is taken the necessity for such increase has frequently passed away.

The fact that the office work upon mining surveys is fluctuating makes it imperative that the surveyor-general should be empowered to employ competent persons as the exigency therefor shall arise without reference to lists of eligibles over 2,000 miles away. There are a number of draftsmen and skillful penmen in this city who possess satisfactory qualifications for performing work of the character mentioned.

The importance of expeditious action upon all matters connected with the survey of mineral lands is duly appreciated by all familiar with mining matters. Wise investors in mining properties usually insist upon patents being issued before they will make purchases. A few days' delay in preparation of plats and field-note transcripts for mineral claimants is liable to prevent consummation of advantageous sales.

In my estimates for the fiscal year 1899-1900, submitted June 24, 1898, I have shown the necessity for large appropriations for surveys in this district for a number of years.

Very respectfully,

JOSEPH PERRAULT,

United States Surveyor-General for Idaho.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement showing contracts awarded, payable from the apportionment of \$32,000 from the appropriation by act of Congress approved June 4, 1897, for surveys and resurveys of public lands.

Contract.		Name of deputy.	Character and locality of work.	Liability.	Approved by Commissioner.
No.	Date.				
188	Sept. 14, 1897	Hezekiah H. Johnson.	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: T. 5 N., R. 3 W.; fractional T. 5 N., R. 4 W.; T. 6 N., R. 1 E.; fractional T. 6 N., R. 3 W.; T. 6 N., R. 4 W.; fractional T. 6 N., R. 5 W., of the principal base and Boise meridian, district of Idaho.	\$1,500	(Not approved, Oct. 7, 1897)
189	Apr. 26, 1898	Oscar Sonnenkalb.	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of such portions of the following townships as are strictly adapted to agriculture: T. 14 S., R. 37 E.; T. 15 S., R. 37 E.; T. 16 S., R. 37 E.; T. 11 S., R. 39 E.; T. 12 S., R. 39 E.; T. 12 S., R. 42 E.; T. 13 S., R. 42 E.; T. 15 S., R. 43 E.; T. 15 S., R. 44 E.; also the resurvey of the necessary exterior, subdivisinal, and meander lines of such portions of the following township as are strictly adapted to agriculture: T. 6 N., R. 42 E., of the principal base and Boise meridian, district of Idaho.	3,750	May 9, 1898

A.—Statement showing contracts awarded, etc.—Continued.

Contract.		Name of deputy.	Character and locality of work.	Liability.	Approved by Commissioner.
No.	Date.				
190	Oct. 23, 1897	Herman D. Graddon and James H. Robb.	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: T. 13 N., R. 2 E.; T. 14 N., R. 1 E.; T. 15 N., R. 1 E.; T. 16 N., R. 1 E.; T. 16 N., R. 2 E., of the principal base and Boise meridian, district of Idaho.	\$5,000	Mar. 17, 1898
191	.....do.....	Ernest P. Rands...	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: T. 17 N., R. 1 E.; T. 18 N., R. 1 E.; fractional T. 19 N., R. 1 E.; fractional T. 20 N., R. 1 E.; T. 21 N., R. 1 E.; T. 22 N., R. 1 E., of the principal base and Boise meridian, district of Idaho.	4,500	Mar. 18, 1898
192	.....do.....	William Alley.....	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: Fractional T. 15 N., R. 4 W.; T. 16 N., R. 2 W.; T. 16 N., R. 3 W.; fractional T. 17 N., R. 2 W.; T. 18 N., R. 3 W., of the principal base and Boise meridian, district of Idaho.	4,000	Mar. 17, 1898
193	.....do.....	Emory Oliver and Albert Oliver.	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: T. 19 N., R. 2 W.; T. 20 N., R. 1 W.; T. 20 N., R. 2 W.; T. 21 N., R. 1 W.; T. 21 N., R. 2 W.; T. 21 N., R. 3 W.; T. 22 N., R. 1 W., of the principal base and Boise meridian, district of Idaho.	6,500	Mar. 18, 1898
194	May 7, 1898	William H. Kinnaid.	All of the standard, meridian, meander, township exterior, section, and connecting lines necessary to complete the survey of such portions of the following townships as are strictly agricultural in character: T. 22 N., R. 4 E., and T. 23 N., R. 4 E., of the principal base and Boise meridian, district of Idaho.	3,000	May 21, 1898
195	May 9, 1898	Robert C. Bonser..	All of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of such portions of the following townships as are strictly agricultural in character: T. 37 N., R. 2 E.; T. 42 N., R. 2 W.; T. 42 N., R. 3 W.; T. 42 N., R. 4 W., and all of the standard and meander, township exterior, section, and connection lines necessary to complete the survey of T. 62 N., R. 2 E., of the principal base and Boise meridian, district of Idaho.	5,000	May 24, 1898
Awarded contracts.				33,250	
Approved contracts.				81,750	

408 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

B.—Special instructions awarded in lieu of contracts, payable from the apportionment of \$15,000 for resurveys, per act of Congress approved June 4, 1897, making an appropriation for surveys and resurveys of public lands.

Date of instructions.	Name of deputy.	Character and locality of work.	Liability.	Approved by Commissioner.
Aug. 20, 1897	Lyman B. Kendall	Resurvey of the north, south, and east boundaries of T. 11 S., R. 21 E.; the east boundary of T. 10 S., R. 23 E.; the north, south, east, and west boundaries of T. 3 N., R. 4 E., and the south, west, and north boundaries of T. 6 N., R. 6 E. of the principal base and Boise meridian, district of Idaho.	\$837	Sept. 4, 1897
Dec. 30, 1897	Henry Meldrum	Resurvey of the second standard parallel north through R. 5 E. of the Boise meridian, district of Idaho.	132	Dec. 20, 1897 Jan. 24, 1898
June 20, 1898	Ernest P. Rands	Resurvey of the following lines: South boundary of T. 17 N., R. 1 E.; the Boise meridian through Ts. 19, 20, 21, and 22 N.; the fourth standard parallel north through R. 1 E.; the north boundary of T. 20 N., R. 1 E. of the principal base and Boise meridian, district of Idaho.	800	June 16, 1898
June 29, 1898	Samuel G. Rhoades and William B. Kimmel.	Resurvey of the east boundary of T. 5 N., R. 36 E.; the north, east, and west boundaries of T. 6 N., R. 37 E.; the west boundary of T. 6 N., R. 36 E. of the principal base and Boise meridian, district of Idaho.	236	June 25, 1898
Total			2,055	

C.—Detailed statement of performance of work in the field (approved surveys) and office during the fiscal year ended June 30, 1898.

Number of contract.	Name of deputy surveyor.	Number of townships surveyed.	Number of plats prepared.		Area. <i>Acres.</i>	Submitted to Commissioner.
			Township plats.	Exterior plats.		
(a)	James M. Porter	3	(b)	(b)	7,007.24	Aug. 7, 1897
170	Samuel G. Rhoades and Wm. B. Kimmel	12	(b)	(b)	244,756.61	July 29, 1897
173	Herman D. Gradon	5	15	2	64,657.89	Mar. 25, 1898
177	James W. Shannon	3	9	2	49,328.88	Feb. 2, 1898
179	Lyman B. Kendall	9	27	2	129,037.20	Dec. 30, 1897
180	Herman D. Gradon and James H. Robb	2	68	2	212,685.56	Apr. 12, 1898
182	Emery Oliver	4	8	2	84,216.21	June 20, 1898
184	William Alley	3	9	2	69,674.70	June 2, 1898
187	Oscar Sonnenkalb	4	12	2	49,459.77	June 13, 1898
Total		65	146	14	910,824.06	

a Special instructions.

b Plats reported in annual report of 1897.

MILEAGE OF APPROVED SURVEYS EXECUTED.

No of contract.	Name of deputy surveyor.	Meridian lines and reservation boundary.	Standard lines.	Township lines.	Section lines.	Meanders.	Connections.
(a)	James M. Porter	M. C. L.	M. C. L.	M. C. L.	M. C. L.	M. C. L.	M. C. L.
b 170	Samuel G. Rhoades and William B. Kimmel			17 17 52	9 34 92	8 10 60	1 48 51
b 173	Herman D. Gradon			144 43 53	653 53 59		6 43 6
b 177	James W. Shannon	8 0 0		14 34 50	163 1 17		2 0 4
b 179	Lyman B. Kendall		5 65 70	48 2 41	125 9 90	20 8 55	25 51
b 180	Herman D. Gradon and James H. Robb	16 9 7	15 40 69	17 66 35	395 50 23	62 69 30	
c 182	Emery Oliver		5 76 65	49 79 6	488 18 47	54 61 68	15 56 44
c 184	William Alley		1 79 20	32 65 34	216 17 54	3 71 90	2 0
c 187	Oscar Sonnenkalb		12 0 0	22 59 0	180 68 1	17 11 65	70 38
Total		22 9 7	41 22 24	371 62 43	2,366 16 50	166 73 68	27 41 30

a Action pending, special instructions.

b Surveys accepted.

c Action pending.

MINERAL AND OTHER PLATS MADE DURING FISCAL YEAR.

Plats of exterior lines of townships	14
Plats of townships subdivided	146
Plats of mining claims and mill sites (216 of which were of consolidated claims)	344
Plats, connected sheets of mineral surveys	12
Plats of segregation of mineral lands from public domain	9
Diagram plats accompanying awarded contracts	30
Plats and diagrams for special agents and examiners of surveys	33
Total	588

SPECIAL INSTRUCTIONS FOR DEPUTIES.

No. of contract.	Name of deputy.	Sets in quadruplicate.	Pages.
177	James W. Shannon	1	1
179	Lyman B. Kendall	1	2
185	Henry Meldrum	1	1
a 188	Hezekiah H. Johnson	1	7
189	Oscar Sonnenkalb	2	10
190	Herman D. Gradon and James H. Robb	2	9
191	Ernest P. Rands	2	9
192	William Alley	2	9
193	Emery Oliver and Albert Oliver	2	10
194	William H. Kinnaird	1	8
195	Robert C. Bonser	2	11
(b)	J. Warren Birdseye	1	4
(c)	Fred G. Plummer	1	4
	Total	19	85
	Aggregate	76	340

a Canceled. b Survey of Gibbonsville town site. c Survey of two islands in T. 56 N., R. 5 W.

SURVEYING ACCOUNTS PREPARED.

No. of contract.	Deputy surveyor.	Number of sets (in triplicate).
(a)	James M. Porter	2
170	Samuel G. Rhoades and William B. Kimmel	2
173	Herman D. Gradon	3
177	James W. Shannon	2
179	Lyman B. Kendall	4
180	Herman D. Gradon and James H. Robb	2
182	Emery Oliver	2
184	William Alley	2
187	Oscar Sonnenkalb	2
	Total	21
	Aggregate	63

a Special instructions.

TRIPPLICATE PLATS TRANSMITTED TO REGISTERS.

	Township.	Mineral.
Boise City land office	19	24
Hailey land office	9	13
Lewiston land office	28	4
Cœur d'Alene land office	18	22
Total	74	63

TRANSCRIPTS PREPARED AND TRANSMITTED.

Agricultural surveys	63
Mineral surveys	63
Mineral improvement surveys	4
For contracting deputies	23
Total	153

OFFICE ACCOUNTS PREPARED.

	Sets.	Sheets.
Vouchers (each in duplicate) for usual accounts	160	320
Abstracts, payments (each in triplicate)	18	54
Accounts current (each in duplicate) for usual accounts	19	38
Total	197	412

REPORT OF THE SURVEYOR-GENERAL OF LOUISIANA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
New Orleans, La., July 1, 1898.

SIR: In compliance with instructions contained in your Circular Letter E, dated April 29, 1898, I have the honor to submit herewith, in duplicate, my annual report for the fiscal year ending June 30, 1898, accompanied with the following statements, viz:

A.—Estimate of funds to be appropriated for the surveying service in the district of Louisiana for the fiscal year ending June 30, 1900.

B.—Estimate of funds to be appropriated for compensation of the surveyor-general and his clerks in the district of Louisiana for the fiscal year ending June 30, 1900.

C.—Estimate of funds to be appropriated for contingent expenses in the office of the surveyor-general, district of Louisiana, for the fiscal year ending June 30, 1900.

D.—Statement of office work which will be in arrears in the surveyor-general's office, district of Louisiana, at the close of the fiscal year ending June 30, 1898.

SURVEYS.

On April 26, 1897, under authority of your letter dated January 29, 1897, Division E, special instructions were issued to Howard W. Wilkinson, United States deputy surveyor, to complete the survey of section 30, T. 11 N., R. 10 W., northwestern district of Louisiana, and on July 5, 1897, he made returns thereof to this office. The said surveys, embracing 1 mile of township lines, 79 chains and 94 links of section lines, and 5 miles 11 chains and 76 links of connecting lines, were examined and approved by me on August 2, 1897, and the same were accepted by your office on September 22, 1897.

The surveying account for this survey, amounting to \$38.07, was approved by this office on August 2, 1897, and was approved by your office on September 24, 1897.

May 24, 1897, under authority of Office Letter E, dated April 27, 1897, special instructions were issued to George O. Elms, United States deputy surveyor, to survey the back preemption of Folin, Fux & Co., in T. 6 S., R. 5 E., southwestern district of Louisiana, and the returns thereof were made to this office on July 21, 1897. The said surveys, embracing 5 miles 20 chains and 78 links of claim lines and 6 miles 10 chains and 2 links of section lines, were examined and approved by this office on August 14, 1897, and accepted by your office on October 2, 1897.

The surveying account for this survey, amounting to \$123.90, was approved by this office on August 14, 1897, and was approved by your office on October 12, 1897.

As regards the necessity of an apportionment being made out of the appropriation for the surveying service, I beg leave to refer you to Statement A, herewith inclosed, and to the explanatory note thereon, in support of the amount estimated as being necessary for the surveying service in this State for the fiscal year ending June 30, 1900.

OFFICE WORK.

During the fiscal year just closed 235 letters and reports have been received from the Department, and 420 letters and reports have been written to the Department. Thirty-six letters have been written to the officers of local land offices, and 14 letters were received from said officers. One hundred and ninety-six letters have been received from deputy surveyors, local surveyors, and individuals, and 452 letters have been written to these, making a total of 445 letters and reports received and 908 letters and reports written by this office during the fiscal year ending June 30, 1898.

There was issued under the act of June 2, 1858 (11 Stat. L., 294), certificates of location, in whole or in part satisfaction of 49 confirmed private land claims, aggregating 24,538.67 acres of land, which necessitated the filling up of 248 such certificates on the engraved form. Of these 49 cases sent to the Department 38 cases have been authenticated and returned to this office for proper delivery, all of which have been so delivered, and each piece of scrip has afterwards been returned to this office by their lawful owners to be indorsed with the proper certificate, showing their rights to dispose of the same as the legal representative of the confirmer.

When these certificates are returned to this office to receive the above indorsement each case is accompanied with duly executed acts of sale from the original legal representatives of the confirmer to the owners who apply for such indorsements.

Before transmitting these original acts to the Department copies are retained for the files of this office. During the past year 203 such certificates have been indorsed and 38 acts of sale have been copied.

Before the issuance of scrip under the aforementioned act of 1858 each case has to be most carefully and thoroughly examined in order to ascertain if the same is within the purview of the third section of said act. This in itself requires the most careful attention and consumes much time, especially when we consider the labor of preparing reports accompanying each case sent to the Department for authentication. In addition to this, every document filed by the applicants in support of their application for scrip is copied for the files of this office.

Another branch of the service which has received considerable attention, and which requires skillful clerks to properly handle the same, is the preparation of patent plats, in duplicate, in satisfaction of private land claims confirmed by the several acts of Congress. During the present year 132 of such claims have been satisfied by the issuance of such plats, necessitating the preparation of 264 patent plats, and I must add that in many cases the preparation with the data at hand was difficult, not to say intricate.

There remained last year 5,833 of such plats yet to be made; deducting from this number the number of plats made this past year, we have a remainder of 5,701 of such patent plats yet to be made in duplicate.

Seventy supplemental diagrams to be filed with the proper plats of survey have been prepared in triplicate, making a total of 210 of such diagrams prepared.

The field notes of the aforementioned surveys executed by Deputies Wilkinson, in T. 11 N., R. 10 W., and Elms, in T. 6 S., R. 5 E., were examined, the areas calculated, plats prepared, and the field notes transcribed. The recalculation of area and resubdivisions of sections were effected in the following cases, viz:

Section 35, T. 8 S., R. 6 E., southwestern district of Louisiana, as requested by Commissioner's letters dated January 25 and February 28, 1898, division E; section 30, T. 1 N., R. 2 E., in the same district, as per Commissioner's letter E, dated March 12, 1898; and section 18, T. 6 N., R. 3 W., district north of Red River, Louisiana, according to instructions contained in Commissioner's letter dated April 30, 1898, division E.

Letters from the press copy were transcribed in the proper record books kept for that purpose, all of which have been properly indexed, the same being true of all letters received. To the above must be added the preparation of the quarterly accounts in duplicate.

It must also be considered that every piece of work made in this office is carefully compared and examined before the same leaves the office, and that this in itself consumes considerable time. When to the above we add the time occupied in exhibiting documents and explaining their nature to the public it will easily be perceived that no time has been lost, but that, on the contrary, each member of the limited force at my command has done his duty, not only to his own credit, but, I trust, to that of the Government as well.

Respectfully submitted.

CHAS. H. DICKINSON,
Surveyor-General, Louisiana.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

412 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Estimate of funds to be appropriated for surveying service in the district of Louisiana for the fiscal year ending June 30, 1900.

For surveys and resurveys in all the districts of the State (except the Greensburg district), including original surveys of confirmed private land claims and donations..... \$30,000

Explanatory note in support of the amount submitted in the above statement: The necessity for the surveys and resurveys in the above districts has long since been fully demonstrated to this office both verbally and by petitions from settlers, and in many instances by deputy surveyors, who, when making surveys in certain localities, experience much difficulty on account of existing misclosures in the old surveys, as well as for want of established Government lines, as in many instances the old lines can not be found at all, causing much annoyance and loss of time hunting up proper starting points.

Estimate of funds to be appropriated for the compensation of the surveyor-general and his clerks in the district of Louisiana for the fiscal year ending June 30, 1900.

Surveyor-general	\$2,000
Chief clerk	1,800
Chief draftsman and claim clerk	1,600
Two assistant draftsmen, \$1,200 each	2,400
One clerk to continue the exhibit of private land claims	1,200
Five clerks to bring up arrear work, at \$800	4,000
Total	13,000

Explanatory notes in support of the several amounts submitted in above estimates, the amounts submitted being limited to the lowest sums for which the service can be conducted:

First. The estimate of \$2,000 for my salary as surveyor-general is in accordance with the original act of March 3, 1831, fixing said salary, and owing to the labor and responsibilities incumbent on me, it should be considered a most reasonable compensation.

Second. The salary of the chief clerk I have estimated at \$1,800. His duty being the general supervision of the workings of the office, I believe the amount estimated just and very moderate.

Third. The estimate of \$1,600 for the salary of chief draftsman and claim clerk, whose duties are to prepare special instructions to deputy surveyors under contract, examine all surveying returns, tabling and platting of same, and also to examine all applications for certificates of location under the act of June 2, 1858, and report upon same, and supervise the preparation of patent plats. This salary I believe to be moderate.

Fourth. The estimate of \$2,400 for two assistant draftsmen, whose duties will be to assist the chief draftsman in protracting maps from the field notes, as well as making copies of maps and notes for surveyors, and to prepare plats, is very moderate.

Fifth. The salary of one clerk for the important work of continuing the exhibit of private land claims, estimated at \$1,200, is moderate, for such work can not be made but by an expert.

Sixth. The estimate of \$4,000 for five clerks for arrear work, at a salary of \$800 each, should be regarded as a moderate estimate, taking in consideration the amount of work to be done, and in this connection I beg to refer to statement marked D, under the heading of "Arrear work."

Estimate of funds to be appropriated for contingent expenses in the office of the surveyor-general, district of Louisiana, for the fiscal year ending June 30, 1900.

Salary of messenger and porter	\$780
Stationery	300
Binding of records	200
Total	1,280

Explanatory notes in support of the amount submitted in the above statement, the same being limited to the lowest sums for which the service can be conducted:

The estimate of \$780 for salary of messenger and porter is very moderate, for, in addition to his regular work as such, he is expected to give general help in the office at times which could be considered clerical work.

The estimate of \$200 for binding of records is, I believe, very moderate; so also is the estimate of \$300 for stationery.

Statement of office work which will be in arrears in the surveyor-general's office, district of Louisiana, at the close of the fiscal year ending June 30, 1899:

First. Continuing and completing the exhibit of private land claims for all the districts of the State, except the southeastern district. (See Land Office Report for 1886, p. 507.)

Second. Preparation of patent plats in duplicate for the located confirmed private land claims for 5,569 claims.

Third. Thirty-seven township maps to be reprotracted or reproduced.

Fourth. Examination and researches to prepare confirmed private land claims for survey and location.

Fifth. Eight hundred and five private land claims, for which certificates of location are to be issued under act of Congress approved June 2, 1858.

Sixth. Indexing record of letters from Commissioner and to individuals and continuing the indexing books of field notes in the different districts.

Seventh. Labeling and wrapping anew bundles containing letters from the register and receiver and old vouchers for disbursement.

Eighth. Continuing the copying of field notes for preservation.

REPORT OF THE SURVEYOR-GENERAL OF MINNESOTA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
St. Paul, Minn., July 9, 1898.

SIR: In compliance with instructions contained in your circular letter E, dated April 29, 1898, I have the honor to transmit herewith, in duplicate, my annual report of the surveying operations in the district of Minnesota for the fiscal year ending June 30, 1898, with the following tabular statement:

Statement of contracts entered into by the surveyor-general of Minnesota for the survey of public lands payable from the appropriation for the fiscal year ending June 30, 1898 (act approved June 4, 1897):

A deposit for the survey of two islands in a lake in sec. 33, T. 131 N., R. 33 W., fifth meridian, has been made by the Northern Pacific Railroad Company, amounting to \$10. Special instructions for the survey of said islands were issued to Charles H. Ward, deputy surveyor, dated January 18, 1898. The survey has been completed and returns made to this office. The cost of the survey was \$4.72. The plat of the islands and transcripts of field notes have been made and transmitted.

There have been surveyed 24 townships, including public lands and Indian reservations, the field notes of which have been examined during the year, the plats made, and transcripts of the field notes completed.

Three townships of public lands have been surveyed, the office work on which is not completed.

The number of miles run and marked in the field, the field notes of which have been examined and approved during the year, is as follows:

Character of lines.	Measurements.		
	Miles.	Chs.	Lks.
Township lines.....	24	0	91
Township lines resurveyed.....	64	63	10
Section lines.....	1,419	3	12
Lines of subdivisions of sections.....	14	1	87
Meander lines.....	150	26	32
Connecting lines.....	7	6	48
Total.....	1,679	21	80

The number of acres in townships the field notes of which have been examined and the plats made during the year is 541,013.26, which, added to the amount previously reported, viz, 47,586,842.11, gives the total number of acres surveyed in Minnesota to date 48,127,355.37.

Township plats made during the year.....	84
Diagrams of township lines.....	15
Transcripts of field notes.....	25
Descriptive lists for land offices.....	15

There have been prepared during the year five contracts in quadruplicate with deputy surveyors for the survey of 8 townships, with full special instructions in quadruplicate and diagrams and field notes of exterior lines for the use of deputy surveyors.

There have also been prepared nine lists of swamp-land selections, in triplicate, comprising 95,841.81 acres.

There are now remaining unsurveyed in this district 62 townships of public lands and 37 of Indian lands, not taking into account that detached territory lying north of the Lake of the Woods.

All of which is respectfully submitted.

P. H. KIRWAN,
United States Surveyor-General.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

Statement of contracts entered into by the surveyor-general of Minnesota for the survey of public lands, payable from the appropriation for the fiscal year ending June 30, 1898 (act approved June 4, 1897).

Number of contract.	Name of deputy.	Date of contract.	Description of work.	Cost of survey.	Estimated liability.	Remarks.
77	Thos. H. Crosswell.	1897. July 20	The survey of the south boundary and all the subdivision and meander lines in T. 151 N., R. 29 W., fifth principal meridian, Minnesota.	\$534.36	\$550.00	Survey completed. Plat and field notes transmitted.
78	Thos. H. Crosswell.	1898. Mar. 24	All the subdivision and meander lines in Ts. 61 and 62 N., R. 5 W., fourth principal meridian, Minnesota.	-----	1,550.00	Survey completed. Field notes not returned.
79	John E. Mulligan.	May 7	The north exterior boundary of T. 151 N., R. 25 W., and all the subdivision and meander lines in T. 151 N., in Rs. 25 and 26 W., fifth principal meridian, Minnesota.	-----	1,100.00	Deputy now in the field. No returns.
80	Bernard Keegan.	May 27	All the subdivision and meander lines in T. 65 N., R. 18 W., fourth principal meridian, Minnesota.	-----	-----	Survey completed. Field notes not returned.
81	Louis A. Ogaard.	June 21	All the subdivision and meander lines in T. 67 N., R. 24 W., and T. 70 N., R. 23 W., of the fourth principal meridian, Minnesota.	-----	1,200.00	No returns.

REPORT OF THE SURVEYOR-GENERAL FOR MONTANA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Helena, Mont., June 30, 1898.

SIR: In compliance with the instructions of circular letter E, dated April 29, 1898, I have the honor to submit herewith (in duplicate) the annual report of this office for the fiscal year ending June 30, 1898:

MINERAL DEPARTMENT.

Deposits for office work on mineral surveys aggregate	\$8,535
Deposits for office work on reports on placers aggregate	\$10
Orders issued for surveys	260
Orders issued for amended surveys	6
Supplemental orders issued for surveys	21
Orders issued for report on placers	1
Surveys examined and approved	223
Amended surveys examined and approved	6
Reports on placers examined and approved	2
Plats made	534
Transcripts made of surveys and reports on placers	155
Pages of transcripts of surveys and reports on placers	1,971
Surveys platted on connected sheets	313
Surveys replatted on connected sheets	385
New connected sheets made	23
Connected sheets replatted	18
Additional United States deputy mineral surveyors appointed	8

AGRICULTURAL DEPARTMENT.

The apportionment to Montana from the regular appropriation for surveys and resurveys for the fiscal year was \$42,000.

The following tabular statement shows the contracts entered into which are payable from said appropriation:

No.	Date.	Name of surveyor.	Descriptions of surveys to be made.	Estimated liability.
326	1897. Aug. 12	Spencer H. Crooks ..	An island situated in sec. 2, T. 3 S., R. 9 E.	\$20
	Aug. 9	Paul S. A. Bickel	The meanders of a chain of islands in the Missouri River and situate in secs. 11, 12, 13, 14, 23, 24, 25, and 26 of T. 8 N., R. 1 E., and the resurveys and retracements required by special instructions. Increased liability.	300
(a)	Nov. 2	Paul S. A. Bickel	The survey of an island situate partly in sec. 1 of T. 8 N., R. 1 E., and partly in sec. 26 of T. 9 N., R. 1 E., and also such resurveys of sec. 1 as may be found absolutely necessary.	60
328	1898. Feb. 10	John D. McLeod	The Square Butte guide meridian through T. 24 N., between Rs. 11 and 12 E.	70
	Feb. 14	Robt. F. Scott	The south and part of the west boundary of the Fort Assiniboine Military Reservation. The fractional east boundary of T. 23 N., R. 15 E., and the resurvey of the east boundary of T. 23 N., R. 16 E., and the subdivisions of fractional T. 23 N., Rs. 15 and 16 E. The south boundary and subdivisions of T. 23 N., R. 18 E., and any resurveys of exterior lines required by a compliance with the instructions of pages 72, 73, and 74 of the manual above mentioned.	2,100

a Special instructions.

Contracts entered into which are payable from said appropriation—Continued.

No.	Date.	Name of surveyor.	Descriptions of surveys to be made.	Estimated liability.
329	1898. Apr. 8	Paul S. A. Bickel.....	The Libby Creek guide meridian through part of T. 31 N., between Rs. 30 and 31 W., and the east and north boundaries and subdivisions of Ts. 29, 30, and 31 N., Rs. 29 and 30 W., and authorized reestablishments, resurveys, and retracements.	\$6,500
330	Apr. 13	Henry B. Davis.....	The south and west boundaries and subdivisions of T. 14 N., R. 4 W.; the south and east boundaries and subdivisions of T. 15 N., R. 2 W.; the fractional subdivisions and meanders of T. 15 N., R. 3 W.; the fractional south boundary, the east boundary, the fractional west boundary, and fractional subdivisions and meanders of T. 16 N., R. 2 W.; the fourth standard parallel north through parts of Rs. 2 and 3 W.; the west boundaries, subdivisions, and meanders of T. 17 N., R. 2 W.; the subdivisions of T. 17 N., R. 3 W.; the fractional south and west boundaries and fractional subdivisions of T. 18 N., R. 2 W., and the fractional south boundary of T. 18 N., R. 3 W., and authorized reestablishments, resurveys, and retracements.	5,000
331	Apr. 20	Robert F. Scott	The east boundary of the Fort Assiniboine Military Reservation from the first boundary monument established by the military authorities north of the intersection point of the seventh standard parallel north with said reservation boundary to the first boundary monument established by the military authorities north of the intersection of the north boundary of T. 30 N., R. 14 E., with said reservation boundary (estimated at 14 miles), and such segregation surveys, exterior and subdivisional (estimated at 2½ and 6 miles, respectively), as may be necessary to segregate the public land in Ts. 29 and 30 N., R. 14 E., from that in the military reserve.	300
332	Apr. 28	Daniel P. Mumbrue.	The following lines of survey, to wit: Group No. 1.—The sixth standard parallel north through Rs. 18, 19, 20, 21, 22, 23, 24, 25, and 26 E.; the west and south boundaries and subdivisions of T. 24 N., R. 24 E.; the sixth guide meridian east through T. 24 N. between Rs. 24 and 25 E., and the east and south boundaries and subdivisions of T. 24 N., Rs. 25 and 26 E. Group No. 2.—The fractional east and west boundaries and fractional subdivisions of T. 25 N., R. 23 E.; the sixth guide meridian east through T. 25 N., between Rs. 24 and 25 E.; the fractional east and north boundaries and fractional subdivisions of T. 25 N., R. 25 E., and the east boundary and fractional subdivisions of T. 25 N., R. 26 E., and authorized retracements.	3,500
333	May 19	Charles E. Redfield and James M. Page.	The fractional subdivisions and meanders of T. 19 N., R. 26 W.; the Horse Plains guide meridian through part of T. 18 N. (north of river), between Rs. 25 and 26 W.; the fractional subdivisions and meanders (north of river) of T. 18 N., R. 26 W.; the north west and south boundaries and fractional subdivision of T. 18 N., R. 28 W.; the subdivision of the NE. ¼ of T. 18 N., R. 29 W.; the south boundary; the fractional east boundary (S. ¼), and fractional subdivision (S. ¼ of township) of T. 19 N., R. 29 W.; the St. Regis guide meridian through the S. ¼ of T. 19 N., between Rs. 29 and 30 W.; the south boundary, fractional subdivision (S. ¼ of T.) of T. 19 N., R. 30 W.; the fractional south boundary (E. ¼), the east boundary, the north boundary, and the fractional west boundary (N. ¼) and fractional subdivision (N. ¼ and SE. ¼) of T. 19 N., R. 31 W., and all necessary reestablishments, resurveys, and retracements.	6,500

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Contracts entered into which are payable from said appropriation—Continued.

No.	Date.	Name of surveyor.	Descriptions of surveys to be made.	Estimated liability.
334	1898. Apr. 29	John H. Farmer	The fractional subdivisions of T. 10 N., R. 6 E.; the east boundary and subdivisions of T. 12 N., R. 6 E.; the fractional south boundary, the east boundary, and subdivisions of T. 12 N., R. 7 E.; the third standard parallel north, through part of R. 4 E. and through R. 3 E.; the west, east, and north boundaries and subdivisions of T. 13 N., R. 3 E.; the Smith River guide meridian through T. 13 N., between Rs. 4 and 5 E.; the east and north boundaries and subdivisions of T. 13 N., R. 5 E.; the third standard parallel north through Rs. 6 and 7 E., and authorized reestablishments, resurveys, and retracements.	\$6,000
335	Apr. 29	Adelbert E. Cumming.	The west, east, and north boundaries and subdivisions of T. 19 N., R. 10 E.; the west and east boundaries and subdivisions of T. 20 N., R. 9 E., and authorized resurveys and retracements.	3,050
336	May 24	Adelbert E. Cumming.	The east and north boundaries and subdivisions of T. 19 N., R. 11 E., and authorized reestablishments, resurveys, and retracements.	1,500
337	June 2	Sylva A. Shobert and Wm. C. Marion.	The fractional south and north boundaries, the east boundary, and subdivision of T. 3 N., R. 10 E.; the subdivision of T. 3 N., R. 17 E.; the subdivisions of T. 2 N., Rs. 16 and 17 E.; the base line through part of R. 14, through R. 15, and through part of R. 16 E.; the fractional east boundary, fractional subdivision, and meanders of T. 1 N., R. 14 E.; the fractional subdivision and meanders of T. 1 N., R. 15 E.; the Sweet Grass guide meridian through part of T. 1 N., between Rs. 15 and 16 E.; the fractional subdivision and meanders of T. 1 N., R. 16 E.; the east and fractional south boundaries and fractional subdivisions and meanders of T. 1 S., R. 14 E., and the east and south boundaries, subdivisions, and meanders of T. 2 S., R. 14 E.; the fractional east and south boundaries and subdivisions of T. 2 S., R. 13 E., and the east and south boundaries and subdivisions of Ts. 1 and 2 S., R. 15 E., and authorized reestablishments, resurveys, and retracements.	4,500
338	June 18	Wm. W. McElroy and Ernest R. Page.	The first standard parallel north through R. 19 W.; the east and north boundaries and subdivisions of T. 5 N., R. 19 W.; the east boundary and fractional north and west boundaries and subdivisions of T. 6 N., R. 19 W.; the east boundary, the fractional north boundary, and the fractional subdivisions of T. 7 N., R. 19 W., and all necessary reestablishments, resurveys, and retracements.	2,600

Three contracts have been entered into for surveys chargeable to "Deposits by individuals," viz:

No.	Date.	Name of surveyor.	Description of surveys to be made.	Estimated liability.
(a)	Aug. 13, 1897	Wm. T. McFarland	The E. $\frac{1}{2}$ of north boundary of sec. 27, T. 17 N., R. 20 E.	\$10
(a)	Nov. 15, 1897	Spencer H. Crookes	The E. $\frac{1}{2}$ of sec. 23, T. 2 S., R. 10 E.	30
327	Feb. 10, 1898	John D. McLeod	The subdivisions of T. 24 N., R. 11 E.	350

a Special instructions.

For office work on the above \$170 has been deposited.

GENERAL FIELD WORK.

The returns of various deputies show public surveys made during the year just passed as follows:

Twenty-four townships and fractional townships were surveyed. The aggregate mileage of each class of line is as follows:

	Miles.
Guide meridians	12
Township lines	189
Resurveys	9
Retracements	6

	Miles.
Subdivisions	1,335
Meander lines	9
Connection lines	6
Total	1,566

The returns of various deputies filed after June 30, 1897, and therefore not included in last report, show the following surveys to have been made prior to that date:

Sixty-eight townships and fractional townships were surveyed; the aggregate mileage of each class of line being as follows:

	Miles.
Standard parallels	12
Reestablishments	1
Resurveys	35
Guide meridians	142
Reestablishments	18
Township lines	453
Resurveys	28
Subdivisions	3,691
Meander lines	94
Connection lines	6
Total	4,480

REJECTED SURVEYS.

Surveys made by Deputies Gallaher and Morris under contract No. 283 stand rejected, and by letter E, dated May 26, 1898, the deputies are given sixty days in which to appeal from your action. The deputies filed their answer and appeal on June 21, 1898, and the same was transmitted to you the same day.

Surveys made by Deputy George Scheetz under contract No. 298 still remain unapproved, as the correction surveys ordered made by Examiner H. P. B. Holiday have not at this writing been examined in the field.

OFFICE WORK ON RETURNS OF DEPUTIES.

Returns of surveys under 13 contracts or special instructions (exclusive of the returns of surveys as reexecuted by Gallaher and Morris under contract No. 283 and George Scheetz under contract No. 298) were filed during the year. Of these 3 were partial returns, being the remaining returns of those contracts partial returns of which were filed during the last fiscal year.

The returns of 8 contracts (exclusive of contracts Nos. 283 and 298) have been forwarded for your consideration during the year just passed.

The returns of reexecuted surveys under contracts Nos. 283 and 298 consist of 20 books of field notes, which were examined and transcribed, and 1 exterior plat and 39 township plats. They are included in the following table showing the work of the year in detail:

Exterior plats made	20
Township plats made	245
Books of field notes examined	115
Pages of transcripts of field notes written	4,733

ARREARS IN OFFICE WORK.

There are no arrears in office work requiring an additional appropriation for clerk hire, as there only remain unworked up at this time returns of survey under five contracts of special instructions. Much of the work on them has been performed, leaving an amount of work sufficient only to keep the office force employed until the returns of survey under contracts let this year are filed.

Very respectfully,

E. W. BEATTIE,

United States Surveyor-General for Montana.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF NEVADA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Reno, Nev., July 2, 1898.

SIR: In compliance with your circular letter E of April 29, 1898, I have the honor to submit, in duplicate, my annual report for the fiscal year ending June 30, 1898, with tabular statements showing contracts let during the year for the survey of public lands.

No deposits were made by the Central Pacific Railroad during the year.

No deposits by individuals for the survey of public lands were made during the year.

During the year 18 townships have been surveyed, comprising 415,165.52 acres. One thousand three hundred and forty-one miles and 11.59 chains of line were run, of which 256 miles and 30.55 chains were township lines, 1,080 miles and 55.95 chains were subdivision lines, and 4 miles and 5.09 chains connecting lines.

All surveys of public lands returned have been platted and the notes transcribed and forwarded to your office except two townships included in contract No. 215, which have just been received.

One contract, payable from Central Pacific Railroad repayments, estimated liability \$1,400, and two contracts, payable from the appropriation for the survey of public lands, with an aggregate estimated liability of \$5,000, have been let during the year.

The bound volumes of field notes of public surveys in this office from the beginning have been insufficiently indexed, rendering it difficult and tedious to find the field notes of any particular lines. During the year, whenever opportunity offered without interfering with the current business of the office, I have commenced to properly index these volumes and have about one-half of the work done. I shall continue the work at such times as it can be done, without interfering with the current business, until all are properly indexed.

Mineral surveys ordered, covering 38 lodes and 3 mill sites	24
Mineral surveys returned, covering 52 lodes and 3 mill sites	23
Orders outstanding	4
Mineral plats made	96
Mineral district plats made	4
Township plats made	54
Exterior plats made	4
Miscellaneous plats made	38
Index plats for field notes	1,737
Letters received	401
Letters sent	473

As stated in former reports, I am constantly receiving applications for surveys in different parts of the State, and have a large number on file.

I would respectfully ask a liberal apportionment from the appropriation for surveys in order to more fully meet the desires of settlers for surveys than I have so far been able to do.

I would renew the recommendation in my annual report that the standard parallels throughout the State be fully completed and the proper connections made.

I would respectfully call attention to my former reports pointing out the necessity and importance of an appropriation of about \$5,000 for the restoration of mineral monuments and their connection with the public surveys.

Very respectfully,

CLAYTON BELKNAP,
United States Surveyor-General of Nevada.

Hon. COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

Statement of contracts let during the fiscal year ending June 30, 1898, payable from Central Pacific repayments.

No.	Date.	Deputy.	Description.	Estimated liability.
215	Jan. 7, 1898	H. B. Maxson....	All lines necessary to fully complete the survey of Ts. No. 27 and 28 N., R. 29 E., M. D. M.	\$1,400

Statement of contracts during the fiscal year ending June 30, 1898, payable from the appropriation for the survey of the public lands.

No.	Date.	Deputy.	Description.	Estimated liability.
216	June 16, 1898	T. K. Stewart ...	All lines necessary to fully complete the survey of Ts. 37, 38, and 39 N., R. 22 E., M. D. M.	\$1,500
217	June 18, 1898	H. B. Maxson....	All lines necessary to fully complete the survey of Ts. 42 and 45 N., R. 61 E., and Ts. 42, 44, 45, 46, and 47 N., R. 62 E., M. D. M.	3,500

REPORT OF THE SURVEYOR-GENERAL OF NEW MEXICO.

UNITED STATES SURVEYOR-GENERAL'S OFFICE,
Santa Fe, N. Mex., June 30, 1898.

SIR: In compliance with instructions contained in your circular letter E, dated April 29, 1898, I have the honor to submit, in duplicate, my annual report for the fiscal year ending June 30, 1898.

During the said fiscal year 12 contracts (numbered 314 to 325, both inclusive) and 11 contracts under special instructions have been awarded for the survey of public lands, private land claims or grants (confirmed by the Court of Private Land Claims), and small-holding claims (filed under the provisions of sections 16 and 17 of the act of Congress approved March 3, 1891, and amended February 21, 1893). Of said contracts 11 are for the survey of public lands and 12 for the survey and corrected surveys of private land claims, which have been confirmed by the Court of Private Land Claims. Some of the contracts for the surveys of public lands include the survey of numerous small-holding claims situate within the stated townships to be surveyed under said contracts. Four contracts for the survey of public lands are payable from the appropriation for the survey of public lands, per act of June 4, 1897, for the fiscal year ending June 30, 1898. Seven contracts or sets of special instructions providing for retracements and resurveys are payable from the appropriation of \$15,000 for resurveys, per act of June 4, 1897, for the fiscal year ending June 30, 1898. Nine contracts and 3 sets of special instructions, providing for surveys and corrected surveys of private land claims, are payable from the appropriation of \$15,000, per act of June 4, 1897, for the survey of confirmed private land claims in designated States and Territories.

The annexed tabular statements, marked Exhibits A and B, fully describe each of said contracts and the surveys provided for thereunder.

Exhibit C, annexed hereto, contains a tabular statement of the surveys which have been returned to this office during said fiscal year.

The number of miles of different lines established, as shown by said returns, are as follows:

Character of the work.	Measurements.		
	Miles.	Chs.	Lks.
Standard lines.....	21	1	0
Township and range lines.....	128	62	27
Township and range lines reestablished.....	228	35	62
Subdivisional lines.....	988	14	66
Subdivisional lines, meander.....	164	48	32
Grant lines.....	296	50	41
Grant lines reestablished.....	98	23	13
Small-holding claims, paid per mile.....	150	40	30
Connecting lines.....	183	20	53
Connecting lines of public surveys with grants.....	142	13	64
Total.....	2,401	74	88

During the said fiscal year the following letters, documents, plats, field notes and other papers have been prepared, briefed, and recorded, to wit:

Letters to Commissioner of the General Land Office.....	647
Letters to Secretary of the Treasury.....	11
Letters to Secretary of the Interior.....	14
Letters to deputy surveyors and individuals.....	1,537
Official letters recorded.....	340
Letters indexed.....	2,209
Transcripts of field notes.....	63
Copies of small-holding filings for use of deputies in the field.....	21
Plats, transcripts, and field notes compared and transmitted or ready for transmission.....	494

Fractional township plats.....	5
Township plats of survey.....	66
Copies of township plats.....	19
Descriptive lists for land offices.....	44
Outline plats or tracings for deputy surveyors.....	40
Contracts and bonds, in quadruplicate (sets).....	16
Said contracts contain a total number of sheets.....	64
Special instructions for the survey of public lands, grants, and small-holding claims, made out in quadruplicate.....	35
Total number of typewritten pages contained in said special instructions.....	397
General instructions for the survey of small-holding claims, in triplicate.....	20
Special instructions for examinations, in triplicate.....	16
Diagrams accompanying contracts, special instructions, and examinations.....	23
Tracings accompanying contracts.....	64
Plats altered and corrected.....	69
Reproduced plats, made and compared.....	21
Grant plats.....	27
Mineral plats.....	116
Mineral plats amended.....	2
Sectional maps, small holding surveys.....	57
Township plats showing small-holding surveys.....	28
Notices for publication, survey of private land claims, in both English and Spanish languages, in triplicate.....	7
Spanish and Mexican archives and documents, copied and compared.....	26
Recorded, mineral patents issued.....	496
Certified copies of applications for the survey and resurvey of townships, and affidavits accompanying same.....	112
Certified copies of notices of locations and amended locations and applications for survey of mining claims.....	104
Mining claims copied for use of deputy in survey of townships.....	19
Transcripts for use of deputy surveyors in the field.....	60
Transcripts contained a total number of pages.....	1,050
Transcripts of mineral surveys.....	32
Transcripts for use of examiner.....	31
Indexing old field-note books.....	105
Books of field notes examined and corrected.....	56
Blanks prepared defining boundaries of grant surveys.....	45
Memorandum of lists of small-holding surveys for land offices.....	7
Copies of interrogations propounded by Inspector Greene to the surveyor-general, and answers (21 pages of typewritten matter).....	2
Docketing and filing papers in grant cases.....	96
Field-note books rearranged, transferred to new cases, etc.....	4,700
Corrected transcripts.....	6
Accounts made out and transmitted, in triplicate.....	36
Semiannual property return, 13 pages, in duplicate (each).....	3
Vouchers in duplicate for all accounts.....	174
Amended plats of fractional townships.....	4
Grant tracings.....	63
Other plats.....	4
Recitals and descriptive notes for patents of grants, each 30 or more pages of typewritten recitals.....	3
Surveyor-general's reports to Commissioner of General Land Office, grant surveys in duplicate.....	11
Estimates for surveys.....	33
Estimates for surveys of grants.....	23
Official orders made for the survey of mining claims.....	71
Miscellaneous papers copied and compared.....	53
Archives copied.....	13
Exterior plats made.....	21
Township plats and transcripts of field notes compared.....	56
Grant plats and transcripts compared.....	23
Mining plats and transcripts compared.....	113
Small-holding plats and transcripts compared.....	57
Miscellaneous papers compared.....	195
United States location mineral monument plats.....	82
United States location mineral monument plats and transcripts compared.....	51
Other plats compared.....	4
Pecos River forest reserve plat.....	2

Large diagram of New Mexico, showing all public and grant surveys and status of all grants, location, etc. (Took one draftsman three months to make same)	1
Mining-district plats	138
Index books of grants and connections	10
Index book of application for surveys	1
Placards lettered	8
Mining-district plats checked (twice)	138
Mining-district plats corrected	19
Index to grant plats	1
Towels marked	12
Township plats of fractional lots around mining claims	10
Miscellaneous tracings	78
Corrections made in 35 manuals	35
Lettered covers of 8 letter-press books	8
Put up post on meridian	1
Deputy surveyors' commissions printed	25
Made list of over 100 names of small-holding claimants	1
Recorded mining claims in record book	118
Diagram plats for General Land Office	8
Latitude and departure tables for grant surveys	10
Lettering books of field notes	155
Lettering books for draftsmen	8
Checking small-holding proofs with original filings	364
Miscellaneous reports made (containing 64 pages of typewritten matter) ..	8
Translations	13
Total	15,684

During the past fiscal year plats, tracings, and descriptive lists have been furnished the district land offices as follows:

Plats, tracings, etc.	Santa Fe.	Las Cruces.	Roswell.	Total.
Diagram tracings		2		2
Township plats	10	2		12
Amended township plats		1		1
Fractional township plats	2			2
Mining plats	16	13		29
Descriptive lists (sheets)	82	6	4	92
Sectional plats	8			8
Total	118	24	4	146

MINING SURVEYS.

During the said fiscal year there has been deposited on account of the surveys and amended surveys of mining claims \$2,170, and applications were duly made for the survey of 71 mining claims, the amended survey of 2 mining claims, and reports on 52 placer-mining claims.

On taking charge of this office I found that 23 mining districts were partially platted, and that mining-district plats had never been made for this office by reason of the lack of clerical assistance to perform the work. Having rearranged the office force and secured the services of other draftsmen, I had the matter of plating said mining districts taken up and a full set of mining-district plats made for this Territory—the same numbering 138 plats—which are now practically completed, for the 77 mining districts in this territory.

During the said fiscal year 54 mineral monuments, located in various unsurveyed townships in this district have been platted, a majority of which was work in arrears, the same as of the mining districts.

In connection with the mineral surveys, those sections or lots made fractional by mining locations should be platted, all areas computed, and tracings of the same furnished to the local land offices of the different districts of the Territory, as well as to the General Land Office. Only a small amount of this work has ever been done, and the remainder should be finished at the earliest practicable date. I estimate that this work alone will require the services of several competent draftsmen for a period of at least three months.

I would urge the importance of an appropriation for the restoration of mineral monuments and their proper connection with public surveys and with each other.

The major portion of the mineral monuments in this district are upon unsurveyed ground, and mining claims are connected with said mineral monuments. These monuments were mostly established many years ago, without sufficient regard to their permanence in construction and insufficiently witnessed by bearings and permanent objects. In most cases a mound of stone or a post was generally used. During the lapse of time since they were established many of these monuments have become obliterated or been destroyed, and as said monuments are the official points of reference by which to fix the locus of all surveyed and patented mining claims in this district, it is of great importance that they be properly perpetuated, and where the same have been obliterated they should be reestablished with due regard to permanency, and their locus witnessed by connecting them with public surveys, with each other, and with natural objects.

I am of opinion that the surveys of mining claims should be examined in the field, to insure their correctness, in like manner as the surveys of public lands or private land claims. During the past year I have discovered numerous irregularities in mining surveys, the same having been wrongly connected by courses and distances to mineral monuments and to corners of public surveys, and in some instances wrongly located in sections and townships. Some of these errors and irregularities had to be corrected by claimants, at an increased expense, in order that their patents might properly recite their lands, and in the interest of mining claimants I believe that an examination of the surveys of mining claims should be made on the ground by an examiner authorized for that purpose.

Most of these errors and mistakes in the connections and ties of mining claims still exist, and the same have been incorporated into patents during the past thirty years.

In this district and throughout the mineral sections of the West, by threats, force, or violence, adverse claimants of mining claims are prevented from having adverse surveys made by United States deputy mineral surveyors for the purpose of filing an adverse claim in the local land offices against the issuance of a patent for mineral land. Section 2412 of the Revised Statutes of the United States provides that "every person who, in any manner, by threats or force, interrupts, hinders, or prevents the surveying of public lands, or of any private land claim which has been, or may be, confirmed by the United States, by the persons authorized to survey the same in conformity with the instructions of the Commissioner of the General Land Office, shall be fined not less than \$50 or more than \$3,000, and be imprisoned not less than one nor more than three years."

I suggest that the above section be amended by inserting, after the word "lands," on line 2, the following:

"Or of any unpatented mining claim located under any of the laws of the United States, or of any survey for the purpose of locating any conflict between any such mining claims, required by any law or by any regulation or requirement of the Commissioner of the General Land Office, for the purpose of filing any adverse claim to any application for a United States patent for any such mining claims."

This amendment would prevent, or provide a remedy for, such acts of violence and greatly assist mineral claimants in asserting adverse rights to mineral lands by lawful methods.

The annexed tabular statement, Exhibit D, shows the mineral surveys executed during the said fiscal year:

PRIVATE LAND CLAIMS.

The Court of Private Land Claims has, during the said fiscal year, passed upon the validity of many private land claims; some of which have been confirmed and some rejected by said court.

There are still about 74 private land claim cases to be tried by the Court of Private Land Claims. Forty-six of these grants contain approximately 5,000,000 acres of land, and the 74 grants contain approximately 10,000,000 acres. It is safe to predict that 50 or 60 per cent of these grants will be confirmed in part or in their entirety, and from the best information obtainable by this office I am led to believe that about 45 of these grants will be confirmed. There are some 18 or 20 cases on appeal to the United States Supreme Court and a large number of other grants, which have been confirmed but no appeals as yet taken, which will have to be surveyed at an early date. All of these private land claims should be adjudicated by the Court of Private Land Claims, and all unfinished business of said court completed within the life of the court.

The work of this office in connection with the survey of these grants will create a large and increased amount of labor.

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Nine private land claims have been surveyed, under decrees of approval and confirmation by said court, during the said fiscal year, as follows:

Reported No.	Private land claims No.	Name.	Area.
	51	Ellena Gallegos.....	Acres. 35,084.78
73	30	Piedra Lumbre.....	49,747.800
92	35	Town of Jacona.....	(a)
85	24	Donna Ana Bend Colony.....	(a)
131	43	Polvadera.....	(a)
103	31	Luis Jaramillo.....	(b)
96	34	Ignacio Chaves.....	47,258.71
98	76	Cañada de los Alamos.....	4,106.66
60	54	Galisteo c.....	336.38

a Correct survey ordered.

b Surveyed, but notes not yet filed.

c New decree has been made by the Court of Private Land Claims and a new survey of this grant will have to be made.

The following private land claim surveys have been corrected during said fiscal year, to wit:

The "Gijosa" grant (reported No. 109), by Albert F. Easley, deputy surveyor, under contract No. 315.

The "Sevilleta" grant (reported No. 95), by Albert F. Easley, deputy surveyor, under contract No. 316.

The "Pueblo of Santa Clara" (reported No. 138), by Albert F. Easley, deputy surveyor, under contract No. 317.

The "Pajarito" grant (reported No. 157), by George H. Pradt, deputy surveyor, under special instructions dated November 17, 1897.

The "Town of Atrisco" grant (reported No. 145), by George H. Pradt, deputy surveyor, under special instructions dated November 17, 1897.

The "Antonio Sedillo" grant (reported No. 50), surveyed by George H. Pradt, deputy surveyor, under contract No. 301; west boundary to be corrected.

The "Ojo de San Jose" grant (P. L. C. docket Nos. 130 and 182); resurvey of whole grant to be made.

The "Arroyo Hondo" grant (reported No. 159), under contract No. 296, Sherard Coleman, deputy surveyor; corrected survey to be made.

During the said fiscal year no work has been executed on the "Las Vegas" grant, the same having been heretofore pending in the Supreme Court of the United States on appeal. The surveys of allotments in said grant, heretofore executed by R. B. Rice, deputy surveyor (original books of field notes which have heretofore been transmitted to your office), were reported by my predecessor as being in a very unsatisfactory condition, and said surveys not executed on the ground or the field notes written in conformity with the Manual of Surveying Instructions or his special instructions.

The act of Congress approved March 3, 1891, entitled "An act to establish a Court of Private Land Claims and to provide for the settlement of private land claims in certain States and Territories," provides among other things that "No allowance or confirmation of any claim shall confer any right or title to any gold, silver, or quicksilver mines, or mineral of the same, unless the grant claimed affected the donation or sale of such mines or minerals to the grantee, or unless such grantee has become otherwise entitled thereto in law or in equity; but all such mines and minerals shall remain the property of the United States, with the right of working the same, which fact shall be stated in all patents under this act, and no such mines shall be worked on any property confirmed under this act without the consent of the owner of such property until specifically authorized thereto by an act of Congress hereafter passed."

No act of Congress has yet been passed giving persons the right to work the mines or minerals on grants confirmed under this act, and in view of the fact that a large number of persons in this district have made locations of mining claims upon lands which are or will be included within the boundaries of grants confirmed under said act, in justice to such locators, and to carry out the intentions of said act of March 3, 1891, an act of Congress giving miners the right to work such minerals reserved in the confirmation of grants by the said Court of Private Land Claims should be passed at an early date. Such a law would greatly facilitate in the development of the natural resources of the Territory within the exterior boundaries of said grants and materially benefit our population.

SMALL-HOLDING CLAIMS.

There have been 3,205 small-holding claims filed in this office under the provisions of sections 16 and 17 of the act of March 3, 1891, amended February 21, 1893, for tracts of land not exceeding 160 acres each.

Contracts have been awarded for the survey of the exterior boundary and connecting lines of such of said small-holding claims which are of such shape that the claimants can not readily secure their interest by entry of legal subdivisions of the public land surveys, and which are known to be located upon townships heretofore surveyed. Such of said claims that are located upon township surveys not heretofore made, and that are found upon proper investigation to be valid, are being surveyed as the lines of public surveys are extended over such townships.

A majority of these filings cover as many as six or eight tracts each, which total number of tracts do not exceed in area 160 acres, and it is safe to say that there will be at least three times as many tracts to survey as there are filings made. I am informed that an act of Congress has recently been passed extending the time within which small-holding filings may be made in this office to the year 1901, and I am satisfied that there will be fully as many, if not more, small-holding claims filed as have heretofore been filed, which will very materially increase the work of this office, and the office work in connection with the surveying and platting of these small-holding claims will necessitate an increased appropriation for clerical assistance. The platting of these small-holding claims is very hard and complicated, the same having to be made on an enlarged scale and in triplicate, and often necessitating the making of as many as 30 plats for one township.

Sections 16 and 17 of the act of March 3, 1891, amended February 21, 1893, and again but recently amended, work an injustice to claimants, in that, under section 16 of said act, small-holding claimants are only required to show twenty years' actual, continuous, adverse possession next preceding the date of the survey of their claims, which are required to be surveyed at the time of the extension of the lines of public surveys over the townships in which such claims are located, while section 17 of said act requires claimants to show twenty years' actual, continuous, adverse possession next preceding the date of the survey of the township in which their claims are located.

This law is clearly unjust when claimants under one section can secure title to their lands by showing twenty years' possession, and under section 17 claimants are required to show thirty, forty, or fifty years' possession to secure title. I therefore have the honor to recommend that said section be amended so as to read: "For twenty years next preceding the date of the survey of such tracts," which amendment will place claimants for lands under such section practically in the same position as those claiming lands under the preceding section of said act.

EXAMINATIONS.

Under authority granted from your office my predecessor, under the provisions of the fifth subdivision of section 2223, United States Revised Statutes, had field examinations made of the surveys of the "Gijosa" grant (reported No. 109), the "Ignacio Chaves" grant (reported No. 96), and the "Cañada de los Alamos" grant (reported No. 98), said examinations being made by William W. Miller, examiner, who was not a contracting deputy surveyor.

Field examinations have been made by examiners from your office as follows:

Contract Nos. 297, 300, 305, and 306 by Examiner John B. Shinn.

Contract Nos. 279, 289, 298, 299, and 307 by Special Examiner F. H. Brigham.

The surveys of the "Town of Jacona" grant (reported No. 92), the "Polvadera" grant (reported No. 131), and the "Piedra Lumbre" grant (reported No. 73) were made by Special Examiner Thomas M. Hurlburt, as was also the reexamination of the subdivision of T. 32 N., R. 13 W.

Field examinations have yet to be made of the surveys and corrected surveys of the following grants, to wit:

The "Elena Gallegos" grant (private land claims docket No. 51), the "Donna Ana Bend Colony" grant (reported No. 85), the "Gijosa" grant (reported No. 109), the "Sevilleta" grant (reported No. 105), the "Pueblo de Santa Clara" grant (reported No. 138), the "Pajarito" grant (reported No. 157), the "Antonio Sedillo" grant (reported No. 50), the "Town of Atrisco" grant (reported No. 145), the "Ojo de San Jose" grant (private land claims docket, Nos. 130 and 132), the "Arroyo Hondo" grant (reported No. 159), and the "Luis Jaramillo" grant (reported No. 159).

The examinations of numerous other grant surveys will have to be made in the near future, when the surveys are returned in the numerous contracts for grant

surveys awarded, and it is especially important that a thoroughly competent and reliable examiner should be assigned to this district to make such grant examinations in connection with examinations of public surveys, which I anticipate will require the constant services of such an examiner.

In view of the fact that in almost all cases deputy surveyors are compelled to borrow money to carry out their contracts, the long delay in the acceptance of their work and the settlement of their accounts, in many cases, results in a pecuniary hardship and loss on their contracts, and I have the honor to suggest that an early field examination of all surveys be made in order to expedite such settlements of the deputies' accounts, which will enable this office to let further contracts to such deputies who are competent, but who have in the past become tied up financially by such long delays in the settlement of their accounts.

REJECTED SURVEYS.

During the said fiscal year your office has rejected all surveys executed by Hiram T. Brown, deputy surveyor, as executed under contract No. 290, which said contract embraced the surveys of numerous townships, fractional townships, and small-holding claims. The contract for the survey of these stated townships should be relet at an early date.

I have rejected the surveys of the grants as enumerated in contract No. 313, Clayton G. Coleman, deputy surveyor, and have required said deputy to return to the field and make correct surveys of said grants.

Deputy Mark Howell has failed to file returns of surveys under his contract No. 307 within the time as fixed therein, of which fact your office has been duly advised.

NECESSARY APPROPRIATIONS.

By office letter of June 17, 1898, I transmitted, in duplicate, the annual estimate for public and private land claim surveys in this district, and for the expenses of this office for the fiscal year ending June 30, 1900, together with a detailed statement of the class, character, and extent of work to be performed in this office, as follows:

For the survey of public lands and small holding claims filed under the act of March 3, 1891, amended February 21, 1893.....	\$25,000
For the survey of private land claims.....	25,000
For salary of surveyor-general.....	3,000
For salaries, clerical force, office of surveyor-general.....	13,600
For contingent expenses.....	1,700
Total.....	68,300

Settlers are locating and will continue to locate upon unsurveyed lands in this district, and there will be a much greater necessity for the survey of public lands in the future than there has been in the past three or four years.

There are about 1,800 small-holding applications on file in this office for tracts of land in unsurveyed townships and within the boundaries of unconfirmed grants. In my opinion a large majority of said tracts will have to be surveyed when the lines of public surveys are extended over the townships in which they are situated. The Court of Private Land Claims has rejected some grants and reduced the area of many private land claims that have been considered by said court, and the lines of public surveys will have to be extended over such of the lands formerly included in said grants as become public domain by reason of the rejection of grants by said court, which lands are found to be agricultural in character and which are occupied in whole or in part by actual settlers.

The boundaries of small-holding claims owned by such settlers as are found to lie within unsurveyed townships will also have to be established at the time of making the surveys of such townships, and numerous other small-holding claims which lie within townships heretofore surveyed, will have to be surveyed under per diem contracts, which are also payable from the appropriation for the survey of public lands.

There will also be an increased amount of public surveys on account of the selection of donations of public lands to educational and benevolent institutions of the Territory of New Mexico, as per act of June 22, 1898, and I therefore estimate that the appropriation of \$35,000 will fully be required for the survey of public lands and small-holding claims in New Mexico.

In this connection I desire to state that the rates of mileage, as paid for the survey of public lands and private land claims in New Mexico, are not sufficient to

enable me to secure the services of first-class contracting deputy surveyors, for the reason that a majority of the lands to be surveyed are exceptionally difficult to survey, by reason of precipitous mountain ranges, dense timber and undergrowth; and in the acts of Congress making appropriations for the sundry civil expenses of the Government, in the appropriation enumerated "For surveys and resurveys of public lands," wherein it is provided "that in the States of Idaho, Montana, Oregon, California, Arizona, Wyoming, and Washington there may be allowed" a higher rate, as therein specified, for lands heavily timbered, mountainous, or covered with dense undergrowth, there should be included in such lists of States and Territories wherein a higher rate of mileage may be paid the Territory of New Mexico, for I am fully satisfied that the lands to be surveyed in New Mexico are as rough, rugged, and mountainous, and as exceptionally difficult to survey as are the lands enumerated in any of the States and Territories mentioned in said act, and I therefore have the honor to request that the Territory of New Mexico be hereafter included in such appropriation acts.

The appropriation for contingent expenses of this office has been limited to the sum of \$1,000, and the same has been found to be insufficient to meet the demands of good service, and I therefore have the honor to request that hereafter such appropriation for contingent expenses of this office be increased to at least \$1,500, to enable this office to meet necessary and essential demands.

On account of the class of work to be performed by this office in connection with the platting of grant surveys and intricate small-holding surveys, it is essential that this office be supplied with draftsmen of the best ability, and I have the honor to herein request to be allowed to make such certain changes in the drafting force of this office, in the near future, as will bring this department up to the highest standard of efficiency.

In my annual estimate for the fiscal year ending June 30, 1900, transmitted to your office on June 17, 1898, I stated that, in view of the great amount of labor and the increased responsibility connected with this office, on account of the great number of private land claims and small-holding claims to be surveyed, in addition to the public surveys, mining surveys, and increased amount of office business, which is greatly increased by reason of these grant and small-holding surveys, as compared with any other of the offices of surveyors-general of the States and Territories, that the salary of surveyor-general for this Territory should be allowed at the rate of \$8,000 per annum, which is the stated salary as fixed by law, and the same is but a reasonable and just compensation.

In view of the arrears of office work, as shown by Exhibit B in said annual estimate, the amount appropriated for salaries for clerks in this office should be increased sufficiently to allow the employment of a competent clerical force necessary to perform the work of the office and bring up the arrears of office work, the amount allowed for such clerk hire for the past two years being insufficient to meet the demands of good service for this office.

On account of the many erroneous, if not fraudulent, surveys which have heretofore been made of the public lands in this Territory and accepted, from which lines the new surveys are initiated or upon which they are to close, it is absolutely necessary to resurvey and reestablish many of the said lines of the old surveys in order to obtain a correct and satisfactory result in the new work, and a liberal amount of the appropriation made for resurveys should be apportioned to this Territory.

A steady growth in population is noted in this Territory from year to year, the population of this Territory being now upwards of 200,000. The vacant public lands which can be irrigated are rapidly being settled upon, and the conditions of all branches of industry are prosperous.

Respectfully submitted.

QUINBY VANCE,

United States Surveyor-General for the District of New Mexico.

The COMMISSIONER OF THE GENERAL LAND OFFICE,

Washington, D. C.

430 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

EXHIBIT A.—*Tabular statement of contracts awarded under appropriations for the survey of public lands for the fiscal year ending June 30, 1898.*

No.	Date.	Surveyor.	Liability.	Description.
318	1898. Mar. 26	George Lynch.....	\$800.00	The fractional township lines between Ts. 13 and 14, 14 and 15 S., R. 3 E.; range line between Rs. 7 and 8 W., in T. 25 S.; subdivisional lines of fractional T. 14 S., R. 3 E., and T. 25 S., R. 7 W., and retracement and reestablishment of such exterior boundaries of said township as may be found absolutely necessary.
320	May 13	Jasper F. Ortiz.....	707.16	The fractional township line between Ts. 23 and 24 N., R. 15 E., and fractional line between Ts. 17 and 18 N., R. 15 E.; the establishment of fractional range line between Rs. 14 and 15 E., in T. 24 N.; the subdivisional lines of fractional T. 24 N., R. 15 E., and fractional T. 18 N., R. 15 E., and the retracement and reestablishment of such exterior lines of the public surveys and grant boundaries as may be found absolutely necessary.
324	June 11	Geo. C. Reed.....	2,500.00	The township line between Ts. 16 and 17 S., R. 10 E.; the township line between Ts. 16 and 17 S., R. 11 E.; the range line between Rs. 9 and 10 E. in T. 16 S.; the range line between Rs. 10 and 11 E. in T. 17 S.; the S. $\frac{1}{2}$ of the range line between Rs. 10 and 11 E. in T. 16 S.; the subdivisional lines of T. 16 S., Rs. 9 and 10 E.; T. 17 S., R. 11 E.; the S. $\frac{1}{2}$ of T. 16 S., R. 11 E., and the retracement and reestablishment of such exterior lines as may be found absolutely necessary.
(a)	Apr. 22	William White.....	300.00	All connections from the public land lines in Ts. 5 and 6 N., R. 1 W., to the right bank of the Rio Puerco River, meandering said river and closing on the west boundary of the "Nicolas Duran de Chaves" grant.
(a)	May 9	David M. White.....	75.00	The survey of sec. 30, fractional T. 17 N., R. 10 E., and the retracement and reestablishment of such exterior west boundary of said township as may be found absolutely necessary in order to properly execute said survey.

The following special instructions, providing for necessary resurveys, are payable from the appropriation per act of June 4, 1897, for resurveys for the fiscal year ending June 30, 1898:

No.	Date.	Surveyor.	Liability.	Description.
(a)	1898. Apr. 4	Albert F. Easley.....	\$99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make connections with the "Gijosa" grant (Rep. No. 109), in Taos County, N. Mex.
(a)	do	do.....	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make all connections with the "Sevilleta" grant (reported No. 95), in Socorro County, N. Mex.
(a)	do	do.....	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make connections with the "Pueblo of Santa Clara" grant (reported No. 138), in Rio Arriba County, N. Mex.
(a)	May 31	Jno. H. Walker.....	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make all connections with the "Pueblo of Laguna" grant (reported letter S), in Valencia County, N. Mex.
(a)	June 7	do.....	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make all connections with the "Cañada de Cochiti" grant (reported No. 135), in Bernalillo County, N. Mex.

a Special instructions.

EXHIBIT A.—*Tabular statement of contracts awarded, etc.*—Continued.

No.	Date.	Surveyor.	Liability.	Description.
(a)	1898. June 7	John H. Walker	\$99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make all connections with the "San Clemente" grant (reported No. 67), in Valencia County, N. Mex.
(a)	June 21	.....do	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make all connections with the "Felipe Gutierrez" or "Bernalillo" grant (reported No. 83), in Bernalillo County, N. Mex.

EXHIBIT B.—*Tabular statement of contracts awarded under appropriation of \$15,000 for survey of confirmed private land claims for the fiscal year ending June 30, 1898.*

No.	Date.	Surveyor.	Liability.	Description.
314	1897. July 30	Geo. H. Pradt	\$1,250.00	The exterior boundaries of the following private land claims in New Mexico, to wit: The "Piedra Lumbre" grant (reported No. 73), in Rio Arriba County; the "Elena Gallegos" or "Ranchos de Albuquerque" grant (private land claims, docket No. 51), in Bernalillo County, and the "Luis Jaramillo" or "Agua Salada" grant (reported No. 103), in Bernalillo County, N. Mex.
(a)	Aug. 6	Norris T. Cavalier ..	300.00	The exterior boundary and connecting lines of the "Ojo de San Jose" grant (private land claims, docket Nos. 130 and 132), in Bernalillo County, N. Mex.
(a)	Nov. 17	Geo. H. Pradt		The correction survey of the exterior boundary and connecting lines of the "Pajarito" grant (reported No. 157), in Valencia County, N. Mex., at the rates of \$9 and \$7, and \$13 and \$11, for meander, grant, and connecting lines, respectively.
(a)	.....do .....	.....do		The correction survey of the south boundary of the "Town of Atrisco" grant (reported No. 145).
318	1898. April 4	Albert F. Easley	105.50	The establishment of the east boundary, reestablishment of the mile corners, and re-marking of the mile and meander corners on the north boundary of the "Gijosa" grant (reported No. 109), in Taos County, N. Mex.
316	.....do .....	.....do	497.00	Establishment of the north boundary, reestablishment of the mile corners, and re-marking of the mile and meander corners on the east boundary of the "Sevilleta" grant (reported No. 95), in Socorro County, N. Mex.
317	.....do .....	.....do	91.05	Establishment of the west boundary, reestablishment of the mile corners, and re-marking of the mile and meander corners on the north boundary of the "Pueblo of Santa Clara" grant (reported No. 138), in Rio Arriba County, N. Mex.
319	May 12	Jno. H. Walker	600.00	The exterior boundary and connecting lines of the "Nuestra Señora de la Luz de las Lagunitas" grant (reported No. 101), in Bernalillo County, N. Mex.
321	May 31	.....do	250.00	The exterior boundary and connecting lines of the "Pueblo of Laguna" grant (reported letter S), in Valencia County, N. Mex.
322	June 7	.....do	500.00	The exterior boundary and connecting lines of the "Cañada de Cochiti" grant (reported No. 135), in Bernalillo County, N. Mex.
323	.....do .....	.....do	425.00	The exterior boundary and connecting lines of the "San Clemente" grant (reported No. 67), in Valencia County, N. Mex.
325	June 21	.....do	300.00	The exterior boundary and connecting lines of the "Felipe Gutierrez" or "Bernalillo" grant (reported No. 83), in Bernalillo County, N. Mex.
(a)	June 20	Clayton G. Coleman.	100.00	The correction survey of the east boundary of the "Donna Ana Bend Colony" grant (reported No. 85), in Donna Ana County, N. Mex.

EXHIBIT C.—*Tabular statement showing surveys which have been returned during the fiscal year ending June 30, 1898.*

No.	Date.	Surveyor.	Liability.	Description.
309	1897. Mar. 26	Jno. H. Walker.....	\$5,000.00	The subdivisional lines of townships and fractional Ts. 1, 2, 3, 4, and 5 S., R. 1 W.; Ts. 1, 2, 3, 4, and 5 S., R. 1 E., and T. 5 S., R. 2 E., all in New Mexico, and the retracement and reestablishment of such exterior lines of said townships as may be found absolutely necessary: and about 400 small-holding claims situate within said stated townships.
310	June 1	Walter G. Marmon .	1,200.00	The fractional township lines between Ts. 11 and 12 and 18 and 19 N., R. 5 E.; the range line between Rs. 4 and 5 E. in T. 11 N., and 5 and 6 E. in T. 13 N.; the subdivisional lines of fractional Ts. 11 and 18 N., R. 5 E.; and the retracement and reestablishment of such exterior boundaries of said fractional townships as may be found absolutely necessary.
313	June 15	Clayton G. Coleman.	1,500.00	The exterior boundaries of the following private land claims in New Mexico, to wit: The "Donna Ana Bend Colony" grant (reported No. 85), in Doña Ana County; the "Town of Jacona" grant (reported No. 92), in Santa Fe County, and the "Polvadera" grant (reported No. 131), in Rio Arriba County.
314	July 30	Geo. H. Pradt	1,250.00	The exterior boundaries of the following private land claims in New Mexico, to wit: The "Piedra Lumbre" grant (reported No. 73), in Rio Arriba County; the "Elena Gallegos" or "Ranchos de Albuquerque" grant (private land claims docket No. 51), in Bernalillo County, and the "Luis Jaramillo" or "Agua Salada" grant (reported No. 103), in Bernalillo County.
(a)	Nov. 17	Geo. H. Pradt .....	.....	The correction survey of the exterior boundary and connecting lines of the "Pajarito" grant (reported No. 157), in Valencia County, N. Mex., at the rates of \$9 and \$7 and \$13 and \$11, for meander, grant, and connecting lines, respectively.
(a)	do	Geo. H. Pradt .....	.....	The correction survey of the south boundary of the "Town of Arisco" grant (reported No. 145), in Bernalillo County.
315	1898. Apr. 4	Albert F. Easley.....	105.50	The establishment of the east boundary, reestablishment of the mile corners, and re-marking of the mile and meander corners on the north boundary of the "Gijosa" grant (reported No. 109), in Taos County, N. Mex.
317	do	do	91.05	Establishment of the west boundary, reestablishment of the mile corners, and re-marking of the mile and meander corners on the north boundary of the "Pueblo of Santa Clara" grant (reported No. 138), in Rio Arriba County, N. Mex.
(a)	do	do	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make connections with the "Gijosa" grant (reported No. 109), in Taos County, N. Mex.
(a)	do	do	99.00	The retracement and reestablishment of all of the prior lines of public surveys as are found to be absolutely necessary in order to make all connections with the "Pueblo of Santa Clara" grant (reported No. 138), in Rio Arriba County, N. Mex.
(a)	May 9	David M. White.....	75.00	The survey of sec. 30, fractional T. 17 N., R. 10 E., and the retracement and reestablishment of such exterior west boundary of said township as may be found absolutely necessary in order to properly execute said survey.

EXHIBIT D.—*Tabular statement showing mineral surveys executed during the fiscal year ending June 30, 1898.*

Name of claim.	Number.	Mining district.	Claimant.
Jumper	988	Pinos Altos.....	E. M. Young et al.
Pearl	989	Magdalena.....	Frank G. Bartlet and John M. Tyler.
Grand Ledge	990	do	Do.
Gold Mint	991	Rio Hondo.....	Gold Mint Mining and Milling Co.
Good Will (A).....	992	Black Range No. 2.....	Elizabeth P. Haynes.
Samoa (B).....	992	do	Do.
Chance.....	994	Central City.....	F. J. Wessel.
First Chance (A).....	995	Rio Hondo.....	The Minerva Gold Mining and Milling Co.
Last Chance (B).....	995	do	Do.
Hearst Mill Site.....	996	Pinos Altos.....	Phoebe A. Hearst.
Albemarle (A).....	997	Cochiti.....	Thos. Lowthian, Chas. H. Toll, et al.
Ontario (B).....	997	do	Do.
Huron (C).....	997	do	Do.
Pamlico (D).....	997	do	Do.
Old Man No. 2.....	998	Bear Mountain.....	Old Man Mining Co.
Divina Pastora.....	999	New placers.....	Samuel C. Wright, Francisco, A. Manzanares, I. Van Houten, and Wm. E. Gortner.
Hazzleton (A).....	1000	do	The Argo Mining Co.
Sunnyside (B).....	1000	do	Do.
Sunset (C).....	1000	do	Do.
Last Chance.....	1001	Red River.....	Sarah E. Young.
Empire.....	1002	Magdalena.....	Henrietta Billing.
Carbonate.....	1003	do	Do.
Keepsake.....	1005	Black Range No. 1.....	Chas. B. Cole.
Triangle.....	1006	do	Do.
North Star.....	1007	Cochiti.....	Wm. B. Childers et al.
Esperanza.....	1008	Victoria.....	Michael Burk.
Mogul (A).....	1009	Cochiti.....	Jno. S. Neeland et al.
Miners Union (B).....	1009	do	Do.
Abe Lincoln.....	1014	New Placers.....	Neil B. Field.
Dowling.....	1015	do	Jno. T. Kelly.
No Name.....	1016	Cochiti.....	Chas. H. Toll and Norman L. Bletcher.
South Side.....	1017	do	Do.
Smuggler.....	1018	do	Do.
Sulphur Bank No. 2.....	1019	Jemez.....	Mariano S. Otero.
Hazzleton (A).....	1020	New Placers.....	The Argo Mining Co.
Sunnyside (B).....	1020	do	Do.
Sunset (C).....	1020	do	Do.

AMENDED SURVEYS.

Monte Cristo	919	Cooks Peak	Consolidated Kansas City Smelting and Refining Co.
Little Homestake	824	White Oaks.....	J. Gilbert Glass.

SURVEYS ORDERED BUT NOT YET RETURNED.

Deep Down (A).....	987	Pinos Altos.....	The Treasure Mining Co.
Deep Down Mill Site (B).....	987	do	Do.
Mountain Key No 2.....	993	do	Frederick C. Bonsack.
North End placer.....	1004	Las Animas.....	Mesa del Oro Co., Pittsburg, Pa.
J. E. Saint placer.....	1004	do	Do.
Medina placer.....	1004	do	Do.
Fairplay placer.....	1004	do	Do.
Mark Anthony placer.....	1004	do	Do.
Cleopatra placer.....	1004	do	Do.
Nettie B. placer.....	1004	do	Do.
Wilson placer.....	1004	do	Do.
Las Animas placer.....	1004	do	Do.
Miller placer.....	1004	do	Do.
Violet placer.....	1004	do	Do.
Gertrude Maria placer.....	1004	do	Do.
Sylvan placer.....	1004	do	Do.
Aurora placer.....	1004	do	Do.
Marion No. 1 placer.....	1004	do	Do.
Marion No. 2 placer.....	1004	do	Do.
Birthday placer.....	1004	do	Do.
Hobson placer.....	1004	do	Do.
Deny placer.....	1004	do	Do.
Oro placer.....	1004	do	Do.
Charter Oak placer.....	1004	do	Do.
Octavian placer.....	1004	do	Do.
Home placer.....	1004	do	Do.

EXHIBIT D.—*Tabular statement showing mineral surveys, etc.*—Continued.

SURVEYS ORDERED BUT NOT YET RETURNED—Continued.

Name of claim.	Number.	Mining district.	Claimant.
Golden Eagle placer.....	1004	Las Animas.....	Mesa del Oro Co., Pittsburg, Pa.
Iowa placer.....	1004	do.....	Do.
Coral placer.....	1004	do.....	Do.
Southwick placer.....	1004	do.....	Do.
Correction Line placer.....	1004	do.....	Do.
Mistletoe placer.....	1004	do.....	Do.
Lynx placer.....	1004	do.....	Do.
Rosemary placer.....	1004	do.....	Do.
Bullene placer.....	1004	do.....	Do.
Hall placer.....	1004	do.....	Do.
Shane placer.....	1004	do.....	Do.
Rio Grande placer.....	1004	do.....	Do.
Tavern placer.....	1004	do.....	Do.
Montie placer.....	1004	do.....	Do.
F. W. Parker placer.....	1004	do.....	Do.
Velina placer.....	1004	do.....	Do.
Lettie M. placer.....	1004	do.....	Do.
Bulger placer.....	1004	do.....	Do.
Buenaventura placer.....	1004	do.....	Do.
Blunder placer.....	1004	do.....	Do.
Burlington placer.....	1004	do.....	Do.
Valaska placer.....	1004	do.....	Do.
New York placer.....	1004	do.....	Do.
Waldemar placer.....	1004	do.....	Do.
Albuquerque placer.....	1004	do.....	Do.
Deming placer.....	1004	do.....	Do.
Hale placer.....	1004	do.....	Do.
Clewell placer.....	1004	do.....	Do.
Alta lode (A).....	1010	Steeple Rock.....	Steeple Rock Development Co., San Francisco, Cal.
Surprise lode (B).....	1010	do.....	Do.
Surprise tunnel (C).....	1010	do.....	Do.
Summit (D).....	1010	do.....	Do.
Summit tunnel (E).....	1010	do.....	Do.
Apex (F).....	1010	do.....	Do.
Irish Jew (G).....	1010	do.....	Do.
Puzzle (H).....	1010	do.....	Do.
Black Spar (I).....	1010	do.....	Do.
Jack Pot (J).....	1010	do.....	Do.
Gold Pick (A).....	1011	do.....	Do.
Gold Note (B).....	1011	do.....	Do.
Sunset (C).....	1011	do.....	Do.
Nugget (D).....	1011	do.....	Do.
Great Eastern (E).....	1011	do.....	Do.
McDonald (F).....	1011	do.....	Do.
Davenport (G).....	1011	do.....	Do.
Gold Bug (H).....	1011	do.....	Do.
Imperial (A).....	1012	do.....	Do.
Jim Crow (B).....	1012	do.....	Do.
Gold King (C).....	1012	do.....	Do.
Tunnel (D).....	1012	do.....	Do.
Gold Bug (E).....	1012	do.....	Do.
Red Prince (F).....	1012	do.....	Do.
Three Brothers (G).....	1012	do.....	Do.
Contention (H).....	1012	do.....	Do.
New Years Gift (A).....	1013	do.....	Do.
Jumbo (B).....	1013	do.....	Do.
Geronimo (C).....	1013	do.....	Do.
Billali.....	1021	do.....	Do.

ESTABLISHMENT OF UNITED STATES MINERAL MONUMENTS APPROVED.

Name of monument.	Mining district.	County.
United States location monument No. 1.	Cochiti.....	Bernalillo County, N. Mex.
United States location monument No. 3.	New Placers.....	Santa Fe County, N. Mex.

EXHIBIT D.—*Tabular statement showing mineral surveys, etc.*—Continued.

ESTABLISHMENT OF UNITED STATES MINERAL MONUMENTS NOT YET APPROVED.

Name of monument.	Mining district.	County.
Initial point, Bonito	Bonito	Lincoln County, N. Mex.
United States location monument No. 2	do	Do.
United States location monument No. 1	Nogal	Do.
United States location monument No. 2	do	Do.
United States location monument No. 3	do	Do.
Mineral monument, 1882	Copper Mountain	Taos County, N. Mex.
Initial point, Hermosa	Palomas	Socorro County, N. Mex.
Initial point, Palomas	do	Do.
Initial point, L. B.	Little Burro	Do.
Initial point	Mound Spring	Do.
United States location monument (initial point)	Cooney	Do.
United States location monument No. 4	Pittsburg	Do.
United States location monument (initial point No. 1)	Bromide	Grant County, N. Mex.
United States location monument No. 2	Tres Hermanas	Do.
United States location monument No. 2 (Norman)	Steeple Rock	Do.
United States location monument No. 1	Bear Mountain	Do.
Do	Carpenter	Do.
United States location monument (first initial point)	Pyramid	Do.
United States mineral monument No. 1	Fremont	Do.
Do	Virginia	Do.
United States location monument (initial point, Jarrilla)	Silver Hill	Donna Ana County, N. Mex.
United States location monument No. 3	Black Range	Sierra County, N. Mex.
United States location monument (initial point, middle initial point)	do	Do.
United States location monument	Star	Bernalillo County, N. Mex.
United States location monument, 82	New Placers	Santa Fe County, N. Mex.
United States location monument No. 2	Virginia	Grant County, N. Mex.
United States location monument No. 1	Jemez	Bernalillo County, N. Mex.
Do	Steeple Rock	Grant County, N. Mex.
Do	Eureka	Do.
United States location monument No. 2	do	Do.
United States location monument No. 1	Central City	Do.
United States location monument, Running Point	Tres Hermanas	Do.
United States location monuments Nos. 1 and 2	Organ	Donna Ana County, N. Mex.
United States location monument No. 1	Pittsburg	Socorro County, N. Mex.
United States mineral monument No. 2	Black Range No. 1	Do.
United States location monument No. 2	Pittsburg	Do.
United States location monument, Council Rock	Iron Mountain	Do.

Total number of mineral monument plats 54

MINING DISTRICTS.

Number of mining districts platted 77
 Number of plats comprising said districts 138
 Index of said mining districts 1

REPORT OF THE SURVEYOR-GENERAL OF NORTH DAKOTA.

UNITED STATES SURVEYOR-GENERAL'S OFFICE,
Bismarck, N. Dak., July 1, 1898.

SIR: As directed by you in circular letter E, dated April 29, 1898, I have the honor to submit, in duplicate, my annual report of surveying operations in the district of North Dakota for the fiscal year ending June 30, 1898, with tabular statements, as follows:

A.—Statement of contracts entered into on account of the appropriation for the survey of public lands for the fiscal year ending June 30, 1898.

There have been no deposits made by individuals for the survey of public lands, and no contracts have been let on that account.

The extent and character of surveys executed, and upon which the examining, platting, transcribing, and other necessary office work has been completed since July 1, 1897, is shown by the following table:

Character of work.	Measurements.		
	Miles.	Chs.	Lks.
Standard lines.....	25	54	24
Township and range lines.....	548	62	31
Section lines.....	4,107	19	67
Meander lines.....	398	47	4
Connecting lines.....	31	5	9
Special and auxiliary lines.....	8	62	66
Total.....	5,120	11	21

Of the surveys embraced in the foregoing table the following subdivisinal surveys have been examined in the field, accepted by the Commissioner, and the plats filed in the proper local land office:

Eight townships, executed by Hiram E. Soule, under contract No. 46, amounting to 456 miles, 79 chains, and 15 links of section and connecting lines and 16 miles, 67 chains, and 2 links of meander lines.

Two townships, executed by Marshall and Piper, under contract No. 47, amounting to 96 miles, 61 chains, and 38 links of section and connecting lines and 13 miles, 13 chains, and 30 links of meander lines.

The balance is now awaiting examination in the field.

The survey of the Fort Stevenson Military Reservation has been completed, and was examined in the field, but owing to the fact that the deputy was required to return to the field and make some corrections, the survey has not yet been accepted by the Commissioner.

During the fiscal year letters, plats, diagrams, transcripts of field notes, special instructions, and other necessary papers have been prepared as follows:

Letters to the Commissioner General Land Office.....	102
Letters to deputy surveyors and individuals.....	80
Township plats of surveys.....	204
Diagrams of exterior lines.....	10
Transcripts of field notes.....	73
Descriptive lists for land offices.....	68
Outline diagrams for deputy surveyors.....	93
Contracts and bonds, in quadruplicate.....	4
Special instructions, in quadruplicate.....	4
Total.....	638

In addition to the above, the field notes of all accepted surveys, bound in volumes of suitable size, have been paged and indexed, besides a large amount of miscellaneous work has been performed, of which no detailed statement can be given.

In conclusion, I desire to call your attention to the abandoned Fort Buford Military Reservation, which was transferred to the Interior Department by the President's order dated October 25, 1895.

As stated by my predecessor in his letter to your office dated January 5, 1898, this office has received a large number of inquiries from actual settlers and others, relative to the survey and disposition of the reservation. It is a large tract of good land, and is the only military reservation in this State which remains unsurveyed.

It is my opinion that it should be surveyed as soon as possible, so that the land can be appraised and open to entry. There are a large number of good buildings at the post and only one man in charge as custodian, and if the experience of the custodian of the Fort Lincoln Reservation holds good in the Fort Buford case, I do not believe that one man can, for any great length of time, prevent settlers, ranchmen, and others from tearing down and removing a good share of the lumber and other material for their own use in constructing sheds, stables, fences, etc., and other lands in that vicinity.

Very respectfully,

ERASTUS A. WILLIAMS,
United States Surveyor-General.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statements of contracts entered into on account of the appropriation for the survey of public lands for the fiscal year ending June 30, 1898.

No.	Date.	Deputies.	Character and location of work.	Estimated cost.
52	1897. Nov. 23	Hiram A. Soule.....	The lines between Rs. 96 and 97, 97 and 98, 98 and 99, through Ts. 157, 158, 159, and 160 N.; the lines between Ts. 157 and 158, 158 and 159, 159 and 160 N., through Rs. 96, 97, 98, and 99; also all of the legal section, meander, and connecting lines of Ts. 157, 158, 159, and 160 N., R. 96; Ts. 157, 158, and 159 N., Rs. 97, 98, and 99; all west of the fifth principal meridian.	\$5,100
53	Nov. 27	John Bowen.....	All of the legal section, meander, and connecting lines of the following-described townships: T. 145 N., R. 88; Ts. 144 and 145 N., Rs. 89, 90, and 91; T. 145 N., R. 92; Ts. 143 and 144 N., R. 93; Ts. 142, 143, and 144 N., R. 94; Ts. 143 and 144 N., R. 95, and T. 143 N., R. 96; all west of the fifth principal meridian.	4,825
54	Dec. 1	Thos. F. Marshall and Dell B. Piper.	The lines between Rs. 100 and 101, 101 and 102, and 102 and 103, through Ts. 157, 158, 159, and 160 N.; the lines between Ts. 157 and 158, 158 and 159, and 159 and 160 N., through Rs. 100, 101, 102, and 103; also all of the legal section, meander, and connecting lines of Ts. 157, 158, and 159 N., Rs. 100, 101, and 102, and Ts. 157, 158, 159, and 160 N., R. 103; all west of the fifth principal meridian.	5,075
55	Dec. 21	George K. Dike and E. S. Sturtevant.	All of the legal section, meander, and connecting lines of Ts. 161, 162, 163, and fractional T. 164 N., R. 96; Ts. 160, 161, 162, 163, and fractional T. 164 N., Rs. 97, 98, and 99; all west of the fifth principal meridian.	5,000

REPORT OF THE SURVEYOR-GENERAL OF OREGON.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Portland, Oreg., June 30, 1898.

SIR: In compliance with instruction contained in circular letter E, of April 29, 1898, I have the honor to submit (in duplicate) my annual report of surveying operations in this district for the fiscal year ending June 30, 1898, together with the following tabular statements, viz:

A.—Contracts entered into on account of the \$20,000 apportioned to Oregon from the appropriation for the survey of public lands for the fiscal year ending June 30, 1898.

B.—Contracts entered into, payable from the appropriation for the survey and subdivision of Indian reservations, and lands to be allotted in severalty, per act of February 8, 1887, reimbursable.

C.—Contracts entered into, payable from the appropriation of \$6,000 per act of June 4, 1897, for the survey, appraisal, and sale of abandoned military reservations.

D.—Special instructions issued for resurveys, payable from the apportionment of \$15,000 for resurveys, under act of June 4, 1897.

E.—Special deposits made by the Oregon and California Railroad Company during the fiscal year ending June 30, 1898.

SURVEYS.

Returns of survey of 40 townships, including whole and fractional, have been received, examined, approved, plats made in triplicate, transcripts of the field notes completed, and copies of all the maps and notes transmitted to the General Land Office.

The number of miles reported in these returns, as run and marked in the field, are as follows, to wit:

Character of work.	Measurements.		
	Miles.	Chs.	Lks.
Standard parallel.....	10	79	68
Township lines.....	188	12	96
Subdivisional lines.....	1,454	16	68
Meander lines.....	11	46	52
Connecting lines.....	23	27	65
Total.....	1,691	23	40

Embracing an area of 600,918.84 acres.

OFFICE WORK ON SURVEYS.

Plats made in connection with the above surveys are as follows:

Township plats (40 originals and 2 copies each).....	120
Exterior plats (19 originals and 1 copy each).....	38
Standard parallels (1 original and 1 copy).....	2
Total.....	160

The field notes representing these surveys consist of 67 books of certified transcripts, duly forwarded, and 45 descriptive lists were furnished the local land offices.

OFFICIAL LETTERS WRITTEN.

During the year there were written 1,176 letters, covering 1,362 pages, and classified as follows:

To Commissioner of the General Land Office.....	332
To deputy surveyors.....	303
To miscellaneous individuals.....	287
To local land offices.....	106
To deputy mineral surveyors, etc.....	149
Total.....	1,176

CONTRACTS FOR SURVEYS.

There have been prepared during the year in connection with the surveying service:

Original contracts with deputy surveyors.....	15
Copies of same.....	45
Special instructions to deputy surveyors.....	23
Copies of same.....	69
Original illustrative diagrams in connection with instructions.....	15
Copies of same.....	45

Copies of the field notes of all old lines and corners adjoining the surveys to be made under the above contracts were furnished the deputies.

SPECIAL MAPS, TRACINGS, ETC.

Special miscellaneous maps and tracings made for special agents of the General Land Office (including copies).....	75
Transcripts of field notes furnished examiners of surveys.....	50

OLD PLATS RESTORED.

Old plats restored by special draftsman, are as follows:

Plats of whole and fractional townships copied, compared, and filed as records.....	89
Plats furnished by General Land Office (1887), compared, corrected, and filed as records.....	39
Plats furnished by General Land Office for register and receiver of local land office, compared, corrected, and stored.....	33
Plats mended and patched, which were torn or defaced.....	395
Total.....	556

MINING WORK.

Deposited for cost of office work on mining claims.....	\$455
Amount expended for office work on mining claims.....	\$332
Mining claims surveyed, reported, and platted.....	14
Plats made in connection therewith.....	67
Copies of field notes made of mining claims surveyed.....	14
Report of examination of placer mines.....	2
Copies of field notes of same.....	2
Illustrative plats made in connection therewith.....	10
Plats made of segregation surveys.....	33

CONDITION OF UNFINISHED WORK.

The office work on eight full and fractional townships under different contracts is partly completed.

Extension of time has been granted on eight full and fractional townships under contract to different deputies.

Respectfully submitted.

ROBERT A. HABERSHAM,
United States Surveyor-General for Oregon.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

440 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

A.—Statement of contracts entered into by the United States surveyor-general for Oregon, on account of the \$20,000 apportioned to Oregon, from the appropriation for the survey of public lands, for the fiscal year ending June 30, 1898.

No. of contract.	Date.	Name of deputy.	Location and description of work.	Estimated liability.
682	1898. May 21	Sidney Smyth and Stephen A. D. Hungate.	All standard, meander, township, section, and connecting lines necessary to complete the survey of Ts. 24 S., R. 46 E.; 25 S., R. 44 E.; 26 S., R. 43 E., and 26 S., R. 45 E., W. M., Oregon.	\$3,250.00
683	June 7	Alonzo Gesner -----	All township, section, and connecting lines necessary to complete the survey of Ts. 1, 2, and 3 S., R. 41 E., W. M., Oregon.	2,500.00
684	....do....	Hezekiah H. Johnson and John B. David.	All meander, township, section, and connecting lines necessary to complete the survey of Ts. 22 S., R. 42 E.; 23 S., R. 41 E.; 27 S., R. 42 E., and south and east boundaries of T. 27 S., R. 41 E., W. M., Oregon.	2,000.00
685	May 4	Charles M. Collier....	All the meander, township, section, and connecting lines necessary to complete the survey of Ts. 7 S., R. 10 W., and 41 S., R. 9 W., W. M., Oregon.	2,000.00
686	June 9	Edward F. Sharp....	All the meander, section, and connecting lines necessary to complete the survey of T. 5 S., R. 13 E., W. M., Oregon.	650.00
687	....do....	Charles E. Branson..	All the meander, township, and section, connecting lines necessary to complete the survey of Ts. 8 S., R. 10 W., and 4 S., R. 9 W., W. M., Oregon.	1,800.00
688	....do....	Oscar F. Thiel.....	All the meander, section, and connecting lines necessary to complete the survey of T. 23 S., R. 9 W., W. M., Oregon.	550.00
689	....do....	Lincoln E. and Thomas S. Wilkes.	All the standard, meander, township, section, and connecting lines necessary to complete the survey of T. 32 S., R. 14 W., W. M., Oregon.	1,500.00
690	June 22	Harvey and Lincoln Taylor.	All the meander, section, and connecting lines necessary to complete the survey of T. 39 S., R. 16 E., W. M., Oregon.	300.00
691	June 17	Andrew L. Porter and Zachariah M. Derrick.	All the township, section, and connecting lines necessary to complete the survey of T. 9 S., R. 9 W., W. M., Oregon.	800.00
692	June 9	Frank J. Van Winkle.	All the meander, township, section, and connecting lines necessary to complete the survey of T. 4 S., R. 42 E., W. M., Oregon.	900.00
693	....do....	James P. Currin....	All the township, section, and connecting lines necessary to complete the survey of T. 5 S., R. 42 E., W. M., Oregon.	825.00

B.—Statement showing contracts entered into during the fiscal year ending June 30, 1898, payable from the appropriation for the survey and subdivision of Indian reservations, and of lands to be allotted in severalty, per act of February 8, 1887, reimbursable.

No. of contract.	Date.	Name of deputy.	Location and description of work.	Estimated liability.
680	1897. July 9	Ormond Fletcher....	All the township and section lines necessary to complete the survey of T. 35 S., R. 7 "A" E., and T. 36 S., R. 7 1/2 E., W. M., Oregon.	\$400.00
694	1898. June 11	Orville M. Rankin...	All the meander, section, and connecting lines necessary to complete the unsurveyed portion of T. 32 S., R. 13 E., and secs. 6, 7, and 18, T. 35 S., R. 9 E., W. M., Oregon.	125.00

C.—Statement showing contracts entered into during the fiscal year ending June 30, 1898, payable from the appropriation of \$6,000, per act of June 4, 1897, for the survey, appraisal, and sale of abandoned military reservations.

No. of contract.	Date.	Name of deputy.	Location and description of work.	Estimated liability.
681	1897. Oct. 4	Eugene B. Henry....	All the boundary, subdivisional, and connecting lines necessary to complete the survey of the Klamath Hay Reservation, and to subdivide the same into 40-acre tracts; situated in T. 33 S., R. 7 $\frac{1}{2}$ E., W. M., Oregon.	\$500.00

D.—Statement showing special instructions issued for resurveys during the fiscal year ending June 30, 1898, payable from the apportionment of \$15,000 for resurveys, under act of June 4, 1897.

Date of instructions.	Name of deputy.	Location and description of work.	Estimated liability.
1897. July 30	Winfield S. Chapman and Carl S. Nicklin.	Necessary retracement and resurvey of the original official survey of T. 17 S., R. 7 W., W. M., Oregon, independent of their joint contract No. 664, dated May 23, 1896, embracing said township.	\$387.52
Aug. 23	W. P. and E. F. Heydon.	Necessary resurvey of official survey of T. 32 S., R. 15 W., W. M., Oregon, independent of their contract No. 673, dated May 13, 1897, embracing said township.	211.25
Sept. 25	Edward F. Sharp....	Necessary resurvey of official survey of T. 15 S., R. 7 W., W. M., Oregon, independent of his contract No. 661, dated May 21, 1896, embracing said township.	166.00
Oct. 27	Carl S. Nicklin.....	Necessary resurvey of original official survey of T. 22 S., Rs. 8 and 7 W., W. M., Oregon, independent of contract No. 664, dated May 23, 1896, embracing said townships.	228.34

E.—Special deposits made by the Oregon and California Railroad Company during the fiscal year ending June 30, 1898.

No.	Date of deposit.	Deposit.	Land district	Survey.	Office work.
339	Nov. 8, 1897	Oregon and California R. R. Co.....	Roseburg, Oreg.....	\$884.91	\$68.06
351	Nov. 11, 1897	do.....	do.....	375.35	35.58
589	Feb. 14, 1898	do.....	do.....	559.53	52.05
651	Mar. 7, 1898	do.....	do.....	509.92	61.21
677	Mar. 19, 1898	do.....	do.....	259.52	23.59
825	May 3, 1898	do.....	do.....	280.44	23.15
859	May 17, 1898	do.....	do.....	541.39	56.33
Total.....				3,391.06	319.99

REPORT OF THE SURVEYOR-GENERAL OF SOUTH DAKOTA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Huron, S. Dak., July 1, 1898.

SIR: In compliance with your circular letter E, dated April 29, 1898, I have the honor to submit the following report (in duplicate) of surveying operations in the surveying district of South Dakota for the fiscal year ending June 30, 1898, with four tabular statements, viz:

A.—Showing contracts entered into on account of appropriation of \$20,000 for the survey of the Cheyenne River Indian Reservation, S. Dak., for fiscal year ending June 30, 1898.

B.—Showing contracts entered into on account of appropriation of \$20,000 for survey and allotment of Indian reservations for fiscal year ending June 30, 1898.

C.—Showing contracts entered into on account of appropriation of \$8,000 for the survey, etc., of abandoned military reservations for the fiscal year ending June 30, 1898.

D.—Showing office work and other information relative to mineral surveys during the fiscal year.

No contracts were entered into during the fiscal year payable from the annual appropriation for survey of the public lands, the field for such surveys being at present largely included in a forest reserve under Executive order of February 22, 1897, or occupied in part by mining surveys.

No contracts for survey of public lands under the provisions of sections 2401, 2402, 2403, Revised Statutes, were made during the fiscal year. And no deposits were made for such surveys, or by railroad companies for surveys.

The aggregate number of miles of surveys and resurveys upon which office work was completed, approved, and returns thereof transmitted to your office is as follows, viz: Original surveys, 3,950 miles 70 links; and resurveys, 44 miles 38 chains 65 links, making a total of 3,994 miles 39 chains 35 links.

During the year returns have been approved of 67 townships and of 85 original and amended mineral surveys. These have required the preparation of 34 diagrams of township and other exteriors, 201 plats of subdivisions, 245 transcripts of field notes of surveys and of examinations in the field, and 336 plats and diagrams of mineral surveys.

To more fully represent office work during the year, there should be added over 2,500 miles of survey upon which office work was practically completed, but returns not in finished condition to be transmitted before the close of the year. In addition there was also the usual office correspondence. Some labor was expended on continuing the indexing of records. It is intended to continue this work during the year now commenced, so far as the reduced clerical appropriation will permit.

Deposits during the fiscal year for office work on mining claims aggregate \$10,790. As in the preceding fiscal year, so in the year just closed, a large amount of Indian reservation surveys was confided to the care of this office. In connection with them, the preparation of contracts, special instructions, diagrams, and other information for deputies, also the critical examination of returns, preparation of instructions for field examiners, and a critical examination of returns thereunder, and a general oversight of the work of special clerks engaged on such surveys, have, of necessity, devolved largely upon the regular experienced office force, and have occupied no inconsiderable attention from them. During the concluding months of the fiscal year a number of emergency clerks were, with your permission, employed in expediting the office work on these surveys. As many of such clerks were used as could be economically employed.

The propriety of field examination of mineral surveys was repeatedly stated by my predecessor in his annual reports. I can add nothing to his presentation of the matter, and beg to call, through yourself, the attention of Congress to the evident necessity of legislative provision for such examination.

The acceptance by your office of recent surveys of township exteriors in the Black Hills region has materially relieved this office of much uncertainty regard-

ing the position of many locating mineral monuments. Much still remains to be done in this regard, which a contemplated further extension of township exteriors will partially accomplish; and I trust by the end of the fiscal year now current to be able to state more definitely than heretofore the precise needs of the mineral service in respect of independent connections between such monuments.

Former annual reports of this office have repeatedly called attention to the matter of expense incident to mineral surveys, contending that all expense of whatever nature incident to them, and which would not otherwise be incurred, ought by law to be paid by the applicants for survey. Some recent concessions in this direction by the Treasury Department are appreciated; but much mineral expense still remains chargeable to my reduced contingent appropriation, thus creating a burden which it is barely able to sustain in justice to other necessary expenses not in any way connected with mining surveys. And I beg to repeat the recommendations of my predecessor, that the attention of Congress be called to the desirability of making all expense incident to mining surveys, including field examinations and connection of mineral monuments, payable entirely by the applicants, so that mineral surveys may be had without expense to the Government in any respect whatever save alone the official superintendence of the surveyor-general.

I note the recent decision of your office to make all examinations of surveys in the field under your direct control. You were pleased to state in a recent letter that this decision was not intended to reflect in any way upon the examinations heretofore made under the direction of this office. But I can not but feel that this action tends to weaken the immediate control which, it appears to me, should be had by this office over deputies of its appointment, and makes my approval of field notes and surveys which I am not allowed to examine in the field little more than a clerical formality, and tends to defeat the purpose of paragraph 5, section 2223, Revised Statutes.

In closing this report, I may say that arrangements are perfected for a removal of the records of this office and other Government property in my charge from the present premises to others having a brick vault in which can be stored the more valuable papers, such as plats and field notes. The change will be made at once, as authorized by your letter A, dated May 27, 1898.

Very respectfully,

FRANK A. MORRIS, *Surveyor-General.*

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement showing contracts entered into on account of appropriation of \$20,000 for the survey of the Cheyenne River Indian Reservation, S. Dak., for fiscal year ending June 30, 1898.

No.	Date.	Deputy.	Character and location of work.	Estimated cost.
131	1897. July 12	Frank S. Peck and Bruce C. Yates.	The north boundaries of Ts. 13 and 14, Rs. 17, 18, 19, 20, and 21, and of T. 15, Rs. 17, 18, 19, and 20; the east boundaries of Ts. 13, 14, 15, and 16, Rs. 17, 18, and 19; the subdivision and meander lines of Ts. 13, 14, 15, and 16, Rs. 17, 18, 19, and 20, and of Ts. 13, 14, and 15, R. 21; all north of the Black Hills base line and east of the Black Hills meridian, South Dakota: <i>Provided</i> , That surveys shall be confined to the Cheyenne River Indian Reservation: <i>And provided further</i> , That surveys shall not be made under this agreement in excess of \$6,000 without permission therefor having been first obtained.	\$6,000
132	----do---	Frederick W. Pettigrew.	The east boundaries of Ts. 13, 14, 15, and 16, Rs. 21, 22, and 23; the north boundaries of T. 15, R. 21, and Ts. 13, 14, and 15, Rs. 22, 23, and 24; the subdivision and meander lines of T. 16, R. 21, and of Ts. 13, 14, 15, and 16, Rs. 22, 23, and 24; all north of the Black Hills base line and east of the Black Hills meridian, South Dakota: <i>Provided</i> , That surveys shall be confined to the Cheyenne River Indian Reservation: <i>And provided further</i> , That surveys shall not be made under this agreement in excess of \$5,000 without permission therefor having been first obtained.	5,000

444 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

A.—Statement showing contracts entered into, etc.—Continued.

No.	Date.	Deputy.	Character and location of work.	Estimated work.
133	1897. July 16	Edwin H. Van Antwerp and Cyrus Walts.	The subdivision and meander lines of T. 13, R. 27, and of Ts. 13, 14, and 15, Rs. 28 and 29; and all standard, township, range, section, meander, and connecting lines necessary and sufficient to a complete subdivision of the lands bounded by the established standard parallel on the north, by the established seventh guide meridian on the west, and by the Missouri River on the south and east; all north of the Black Hills base line and east of the Black Hills meridian, South Dakota: <i>Provided</i> , That surveys shall be confined to the Cheyenne River Indian Reservation: <i>And provided further</i> , That surveys shall not be made under this agreement in excess of \$5,000 without permission therefor having been first obtained.	\$5,000

B.—Statement showing contracts entered into on account of appropriation of \$20,000 for survey and allotment of Indian reservations for fiscal year ending June 30, 1898.

No.	Date.	Deputy.	Character and location of work.	Estimated cost.
130	1897. July 15	John W. Daugherty.	The north boundaries of T. 101 N., Rs. 74, 75, and 76, and of T. 102 N., R. 78; the completion of the west boundaries of Ts. 102 and 103 N., R. 78; the subdivision and meander lines of Ts. 101 and 102 N., Rs. 73, 74, 75, 76, and 77; T. 101 N., E. 78, and of T. 103 N., Rs. 76, 77, and 78; all west of the fifth principal meridian, South Dakota: <i>Provided</i> , That surveys shall be confined to the Rosebud Indian Reservation: <i>And provided further</i> , That surveys shall not be made under this agreement in excess of \$4,100 without permission therefor having been first obtained.	\$4,100

C.—Statement showing contracts entered into on account of appropriation of \$6,000 for the survey, etc., of abandoned military reservations for fiscal year ending June 30, 1898.

No.	Date.	Deputy.	Character of work.	Estimated cost.
134	1897. Sept. 17	Edwin H. Van Antwerp.	All of the standard, township, range, section, meander, and connecting lines necessary and sufficient to a complete subdivision of the abandoned Fort Sully Military Reservation, including also the resurvey of so much of the exterior boundaries of the same as may be deemed necessary; all west of the fifth principal meridian, South Dakota: <i>Provided</i> , That surveys and resurveys under this agreement shall not be made in excess of \$950 without permission therefor having been first obtained.	\$950

D.—Office work on mineral surveys during fiscal year ending June 30, 1898.

Mineral surveys ordered, lodes	65
Mineral surveys ordered, placers	6
Amended surveys ordered	5
Total	76
Amended orders for mineral surveys issued	20

Lode surveys approved, platted, and delivered	73
Placer surveys approved, platted, and delivered	8
Amended surveys approved, platted, and delivered	4
<hr/>	
Whole number of surveys approved, platted, and delivered, embracing 530 locations	85
Number of plats made	336
Transcripts of field notes, embracing 530 locations	85
Transcripts, supplemental and additional reports relating to improvements	7
Number of surveys in office for platting and transcribing	27
Number of deputy mineral surveyors in commission	15
Aggregate amount deposited for office work	\$10,790

Surveys approved and delivered during fiscal year ending June 30, 1898.

No.	Name of claim.	Claimant.	Approved.
			1897.
1126	Hawkeye lode	Joseph C. Spencer	July 14
1127	Burroughs placer	do	Do.
1128	Donkey Gulch placer	do	Do.
1092	Union, Columbia, Granite, and Dakota lodes	Austin Mabbs	July 23
1156	Ethan Allen and Worcester lodes	John A. Blatt	July 24
1150	Glueck Auf Nos. 2 and 3 lodes	Dennis Quinn	July 27
1165	Gold Bar placer	Allen McDowell	July 28
1133	Marion, Marion Nos. 1 and 2 lodes	Francis C. Grable	Aug. 9
1141	Camden, Saginaw, Ford, and Georgie lodes	Ben Baer et al.	Do.
1162	Nora fraction lode	Nels Brakke	Do.
1163	St. Patrick lode	St. Patrick Mining Co.	Do.
1168	Rocklyn and Blue lodes	Providence Mining Co.	Do.
1137	Green Jacket, Union Mine, Orient, Fraction, Alexandria, Ajax, and Coletta lodes.	Francis C. Grable	Aug. 14
1147	Moon fraction, Excelsior fraction, Excelsior, Limestone, Lost fraction, Whitehorse, and Dead Pine lodes.	John A. Blatt	Do.
1154	Gertie Nos. 1 and 2 lodes	William L. Harris	Do.
1164	Rob Ranter, Stonelaw, Davies, Laird, Black Falls, and McPhillamey fraction lodes.	Martin Chapman	Do.
1174	Universal lode	John K. Searle	Aug. 16
1143	Tax Title lode	John Gray, Kirk G. Phillips, and William L. McLaughlin.	Aug. 25
1148	Financial fraction lode	Thomas J. Grier	Do.
1151	Syracuse, Missing Link, Cook, Colts, McKinley fraction, Cuba No. 1 fraction, Cuba fraction, Beaver, Sound Money, Boone, Linnaeus, Diorite, and Xerxes lodes.	William Selbie	Do.
1166	Hillside Nos. 1 and 2 and Hillside fraction lodes	George B. Harris	Do.
1169	Polar Bear, Edison No. 3, Edison No. 2, and Edison and Wedge lodes.	James W. Daugherty, Charles C. Barnes, and Wilnot G. White.	Do.
1167	Ruby Belle fraction and Canyon lodes	Deadwood and Delaware Smelting Co.	Aug. 31
1179	Clyde, Webfoot, Surprise, Jackson fraction, and Aurora fraction lodes.	James Callanan	Do.
1180	Capelton, Grub, Grub No. 2, and Richmond lodes	do	Do.
1181	Blacker and Mary Ann lodes	do	Do.
1182	Mace lode	do	Do.
1183	Yankee Notion lode	do	Do.
1145	Lonesome and Lonesome No. 2 placers	Frank Hanlon	Sept. 27
1171	Little Missouri fraction lode	Edward Averil	Do.
1172	Kate Putnam lode	M. C. Campbell	Do.
1173	North Side lode	North Side Gold and Silver Mining Co.	Do.
1184	Clear Creek placer	Clear Creek Mining Co.	Do.
1188	Wild Deer Nos. 1 and 2 and Wild Fawn lodes	Joseph Swift	Do.
1152	Boston, Sitting Bull, Welcome, Derby, Dexter, Cliff, Deadwood, Palmetto, Tiger, and Sea Gull lodes.	Walter E. Smead	Oct. 16
1176	Harvard and Cleveland lodes	John Walsh	Do.
1185	Venus lode	Theodore Madison	Do.
1187	Simmer's placer	Michael Simmer	Do.
1192	McKinley Nos. 1, 2, 3, 4, 5, 6, 7, 8, Mark Hanna Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Chicago Nos. 1, 2, 3, 4, 5, 6, 7, 8, and 9 lodes.	Singapore Mining Co.	Oct. 18
1193	Kildonan fraction No. 1, Kildonan fraction, Kildonan, Kildonan Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, Highland, Sumner fraction No. 1, Sumner fraction, Sumner, Sumner Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, J. O. B., J. L. Nos. 1, 2, 3, Edgar Nos. 1, 2, 3, 4, 5, 6, 7, Edgar fraction, Traveler, Pluma, Pluma Nos. 1, 2, 3, 4, 5, and Pluma fraction lodes.	do	Oct. 22

Surveys approved and delivered during fiscal year ending June 30, 1898—Con't'd.

No.	Name of claim.	Claimant.	Ap- proved.
1189	Rudolph, Dolphin, and Costello lodes	Annie I. Costello	1897.
1016	Annie, Katie, Josie, Josie fraction, and Annie fraction lodes.	South Dakota Mining Co.	Oct. 25 Oct. 27
1196	Sharon, Odin, Odin fraction, and Odin fraction No. 2 lodes.	Peter A. Gushurst	Oct. 28
1158	Little Bird fraction, On Time, On Time Nos. 1, 2, 3, 4, Bull Eagle, Crow Dog, Big Foot, Black Thunder, Evangeline Nos. 1, 2, 3, 4, 5, 6, 7, 8, Square, Big Four, Big Four Nos. 1, 2, 3, 4, and High Point lodes.	John R. Jones	Nov. 15
926	St. Patrick, Summit, Mary Ellen, J. K. P., and Big Spring lodes.	Deadwood and Delaware Smelting Co.	Nov. 20
1201	Gold Stone and Live Oak lodes	Rainbow Mining Co.	Nov. 30
1159	Andes, Treber fraction, Bonaparte, and Bismarck lodes.	National Gold and Silver Mining Co.	Dec. 13
1178	South Carolina, Calumet No. 3, Lita, Calumet, B. and M., and Calumet No. 2 lodes.	Francis C. Grable	Do.
1198	Golden Treasure, Golden Treasure No. 1, Treasure fraction, and Miner's Dream lodes.	Edward W. Potter	Do.
1199	New Year and Red Fox lodes.	J. C. Nolan	Do.
1200	Trial fraction, King, Trial Nos. 1, 2, 3, Carter Nos. 1, 2, 3, Jay Nos. 1, 2, 3, Fay Nos. 2, 3, Bancroft Nos. 1, 2, 3, Log Cabin, Violet Nos. 1, 2, 3, Springview, Ray Nos. 1, 2, 3, Ox, Hazard, Albert Steele fraction, Flat, Rainbow, Albert Steele, Browning, Principal fraction No. 1, Paragon, Charlie, Ruby Basin, Cunniff, Star, Lucky Girl, Principal fraction, Principal Nos. 1, 2, 3, 4, Sheridan, Annie, Ray, Maggie, Amy, Waukegon, Genevieve, Little Johnny, Llama, and Tum Tum lodes.	James McQuillan	Do.
1203	Hattie and Natalia lodes.	John Munger	Do.
1190	No Good lode.	Ernest May	Dec. 16
1195	Massachusetts, Oneida, Brown, and Brown fraction lodes.	C. W. Carpenter	Do.
1170	Hedgehog and Florence lodes	Samuel H. Sweet, Thomas Neary, Abraham E. Dyer, and James P. Wilson.	Dec. 24
1204	Bismark, Bismark Nos. 1, 2, 3, Crown Point, Crown Point Nos. 1, 2, 3, 4, 5, Hanify, Hanify Nos. 1, 2, 3, 4, 5, 6, and 7 lodes.	William Selbie	Do.
1205	Last Chance and Bunker Hill lodes	J. T. Hilton	Do. 1898.
1207	Irish Jenny, Last Chance, and Gordon lodes	Theodor Knutzen and James W. Meyers.	Jan. 31
1209	St. George Nos. 1, 2, Monte Carlo, Venus, Jupiter, Deer Mountain, Evarts, Fairview, World's Fair, Bangor fraction No. 2, Bangor No. 1, Selbie, Transit, First Chance, Chicago, Big Dipper fraction, Big Dipper Nos. 1, 2, 3, 4, and 5 lodes.	William Selbie	Do.
1210	Wabash Nos. 1, 2, 3, 4, 5, Connecting, Havana Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 lodes.	do	Do.
1206	Albany, Rensselaer, Warren, Ulster, Delhi, and Delaware lodes.	Andrew J. Smith et al	Mar. 23
1211	Last Chance Nos. 1, 2, 3, 4, and 5 lodes.	W. O. Temple et al	Do.
1213	Lawrence, Golden Wedge, Red-Headed Girl, Comstock, Thora, Red-Headed Boy, Red-Headed Woman, Red-Headed Man, Lost Man, Gold King, Silver King, Mill Site, Pluto fraction, Odin, Lucky Man, Found fraction, Llewellyn fraction, and Connecting Link fraction lodes.	Charles A. Hallam	Do.
1219	St. Louis, Modeligo, and Cresco lodes	Buckeye Gold and Silver Mining Co.	Do.
1194	Balmoral, Balmoral Nos. 1, 2, 3, 4, 5, 6, 7, and 8, Balmoral fraction, Juvanta fraction, Juvanta, Far West Nos. 1 and 2, Kittie L., Kittie L. Nos. 1, 2, and 3, Anchor Nos. 1, 2, 3, 4, and 5, and Morning Star lodes.	Ernest May	Mar. 29
1212	Slate Creek placer	Wm. W. Driver	Do.
1221	Foster fraction, Gamba fraction, Addie, Eva, and Lovisa lodes.	William Selbie	Do.
1230	Mountain Park placer	Patrick V. Fitzpatrick	Do.
1215	Gopher Nos. 1, 2, and 3, B. and M. fraction, Deposit, Bengal Tiger, Lone Star, and Leona Lock lodes.	Joseph Swift	Apr. 1
1216	Last Chance Nos. 1 and 2, Daisy Nos. 1 and 2, Echo, and Echo fraction lodes.	Charles G. Quivey	Do.
1217	Doze, Doze fraction, Evening Star, Dolphin, Israel, Belt, and Bryan lodes.	William Selbie	Apr. 14
1227	Raginnia Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10, Vee, Weary, Tired, and Frozen lodes.	George B. Harris	Do.
1228	Homestake fraction, Bryan, Golden Gate, Philadelphia, Cleveland, and Iowa lodes.	Michael Power	Do.
1229	Hidden Ore, Saxon, Delaney, Hamden, Walton, Coxy fraction, Harvey fraction, Eagle Chief, High Tariff, and Maud lodes.	Lee M. Hall	Do.

Surveys approved and delivered during fiscal year ending June 30, 1898—Cont'd.

No.	Name of claim.	Claimant.	Approved.
1119	Erobus, Panic, and Palmer lodes.....	Ernest May.....	1898.
1235	Mineral Twin Nos. 1, 2, Rosa Belle, and Vernal Equinox lodes.	Golden Crest Mining Co..	Apr. 22 Do.
1197	Tony and Maggie fraction lodes.....	Maggie Mining Co.....	June 29
1220	Nansen and Humbolt lodes.....	Peter A. Gushurst.....	Do.
1226	Tacqua, Halford, Rutland, Lasalle fraction, Lasalle, Red Wing, Wenona, Huxley, Austin, and Austin fraction lodes.	John W. Burns et al.....	Do.
1231	Noble Grand lode.....	Challenge Mining Co.....	Do.
1233	Calabogie, Callegogia fraction, General Jackson, and Diamond fraction lodes.	Harris Franklin, Ben Baer, Ernest May, and N. W. Wells.	Do.

AMENDED SURVEYS EXECUTED.

1087	Akin and Hilltop lodes.....	Joseph Borgerson.....	1897. July 22 1898.
741	Acme lode.....	Walter E. Smead.....	Feb. 12
744	Block lode.....	Do.....	Do.
918	Corbutt lode.....	Thomas J. Grier.....	Feb. 16

REPORT OF THE SURVEYOR-GENERAL OF UTAH.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Salt Lake City, Utah, July 7, 1898.

SIR: In compliance with your letter E, dated April 29, 1898, I have the honor to submit herewith, in duplicate, my annual report of surveying operations in the district of Utah for the fiscal year ended June 30, 1898.

During the year the survey of 50 townships, aggregating 1,734 miles 53 chains, 21 links of line have been approved and forwarded to the honorable Commissioner of the General Land Office for his action, and 125 township plats, 8 plats of exteriors, and 6 plats of Indian reservation boundaries made.

In the mineral department 216 original surveys containing 425 locations, 25 amended surveys have been approved and 954 plats made.

Full information as to the surveying operations is embodied in the following tabular statement, of which A, B, C, D, E, F, and G pertain to the department of public land surveys, H, I, J, and K, to the mineral department, and L to the accounting department.

Very respectfully,

JACOB B. BLAIR,
United States Surveyor-General.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement showing outstanding contracts for public land surveys not disposed of at the beginning of the fiscal year ended June 30, 1898.

No.	Date.	Name of deputy.	Liability.	Fund payable from—	Remarks.
159	1887. Mar. 2	Edward W. Koeber	\$636.25	Appropriation for survey of appraised and relinquished military reservations, approved Mar. 8, 1895.	First survey made by deputy rejected and new survey ordered. Field work in progress.
195	1893. July 14	Robert Gorlinski....	1,348.00	Repayments made by the Union Pacific Rwy. Co.	Field work completed, plats and notes filed, office examination made. Approval delayed awaiting result of certain retracements now being made by deputy.
203	1895. Dec. 27	Andrew J. Stewart, jr.	3,000.00	Regular appropriation, approved Mar. 2, 1895.	Field work in progress. No returns filed.
204	Dec. 30	Andrew P. Hanson..	4,200.00	.....do.....	Field work completed, plats and notes partly filed and examined.
207	1896. Feb. 5	Augustus D. Ferron.	3,000.00	.....do.....	Field work in progress. No returns filed.
208	Oct. 20	John T. Breckon and Homer McCarty.	5,000.00	Regular appropriation, approved June 11, 1896.	Do.
209	Dec. 28	Hubert D. Page and George C. Swan.	3,500.00	.....do.....	Do.
210	Oct. 20	Henry Fitzhugh.....	3,300.00	.....do.....	Field work not yet begun.
211	Oct. 7	Alfred B. Lewis.....	4,200.00	.....do.....	Field work in progress. No returns filed.
212	Oct. 15	Washington Jenkins and Joseph A. West	4,000.00	.....do.....	Do.
213	1897. June 17	Samuel E. Reaugh, William F. Shelton, and Charles Tappan.	4,850.17	Repayments made by the Union Pacific Rwy. Co.	Contract not yet approved by the honorable Commissioner.
		Total.....	37,048.42		

B.—Statement showing contracts awarded during the fiscal year ended June 30, 1898.

No.	Date.	Name of deputy.	Liability.	Fund payable from—
214	1897. July 21	Frank E. Baxter and William B. Dougall.	\$3,369.50	Repayments made by the Union Pacific Rwy. Co.
215	Oct. 29	Hubert D. Page and James M. Lentz.	4,332.00	Regular appropriation, approved June 4, 1897.
216	---do---	Alonzo J. Stookey-----	2,792.00	Do.
217	Nov. 1	Scott P. Stewart and Andrew J. Stewart, jr.	4,395.00	Do.
218	Nov. 9	Adolphe Jessen-----	3,225.00	Do.
219	Nov. 12	Alfred B. Lewis and David H. Blossom.	3,000.00	Do.
220	1898. Apr. 1	Andrew P. Hanson-----	2,256.00	Do.
221	Mar. 29	William B. Dougall-----	373.38	Appropriation for survey of Indian reservation for current fiscal year.
		Total-----	23,742.88	

Location of territory embraced within the above contracts.

No.	Locality.
214	Subdivisions T. 3 N., R. 1 W.; subdivisions T. 2 S., R. 5 E.; south and east boundaries and subdivisions T. 1 S., R. 7 E.; subdivisions T. 3 N., R. 14 E.; west boundary and subdivisions T. 8 N., R. 6 E.; first guide meridian east or west boundary, north boundary, and subdivisions T. 7 N., R. 5 E.; first guide meridian east or west boundary and subdivisions T. 8 N., R. 5 E.; west and north boundaries and subdivisions T. 7 N., R. 4 E.; subdivisions T. 7 N., R. 3 E. of the Salt Lake base and meridian, Utah.
215	The eighth standard parallel south Rs. 21 and 26 E.; subdivisions and meanders T. 40 S., Rs. 21, 22, 23, and 24 E.; subdivisions T. 40 S., R. 25 E.; north boundary and subdivisions T. 40 S., R. 26 E.; east boundary, subdivisions, and meanders T. 41 S., R. 24 E.; east and south boundaries, subdivisions, and meanders T. 41 S., R. 25 E.; south boundary and subdivision T. 41 S., R. 26 E.; east boundary, subdivisions, and meanders T. 42 S., R. 25 E.; south boundary, subdivisions, and meanders T. 42 S., R. 26 E.; subdivisions and meanders T. 43 S., R. 26 E. of the Salt Lake base and meridian, Utah.
216	South, west, and north boundaries and subdivisions T. 7 S., R. 6 W.; south and north boundaries and subdivisions T. 7 S., R. 7 W.; first standard parallel south through Rs. 6 and 7 W.; west boundary and subdivisions T. 6 S., R. 6 W.; subdivisions T. 6 S., R. 7 W.; west and north boundaries and subdivisions T. 5 S., R. 6 W.; north boundary and subdivisions T. 5 S., R. 7 W.; south and east boundaries and subdivisions T. 12 S., R. 17 W.; east, south, and west boundaries and subdivisions T. 11 S., R. 19 W.; south boundary and subdivisions T. 11 S., R. 20 W.; north boundary and subdivisions T. 8 S., R. 20 W. of the Salt Lake base and meridian, Utah.
217	Subdivisions T. 10 S., R. 1 W.; north and south boundaries and subdivisions T. 13 S., R. 2 W.; west and south boundaries and subdivisions T. 14 S., R. 1 W.; third standard parallel south through Rs. 1 and 1½ W. and Rs. 1 and 2 E.; west boundary and subdivisions T. 15 S., R. 1 W.; subdivisions T. 15 S., R. 1½ W.; Salt Lake meridian T. 17 S., between Rs. 1 E. and 1 W.; north, south, and west boundaries and subdivisions T. 17 S., R. 1 W.; Salt Lake meridian T. 16 S., between Rs. 1 E. and 1 W.; subdivisions T. 16 S., R. 1 W.; north boundary and subdivisions T. 18 S., R. 1 E.; north and west boundaries and subdivisions T. 17 S., R. 2 E.; north boundary and subdivisions T. 17 S., R. 1 E.; west boundary and subdivisions T. 16 S., R. 2 E.; subdivisions T. 16 S., R. 1 E.; subdivisions T. 15 S., R. 3 E. of the Salt Lake base and meridian, Utah.
218	Subdivisions T. 1 S., R. 24 E.; Salt Lake base line R. 25 E.; subdivisions T. 1 S., R. 25 E.; west, north, and east boundaries and subdivisions T. 1 N., R. 24 E.; north boundary, subdivisions, and meanders T. 1 N., R. 25 E.; west, north, and east boundaries, subdivisions, and meanders T. 2 N., R. 24 E.; north boundary, subdivisions, and meanders T. 2 N., R. 25 E.; west and east boundaries and subdivisions T. 3 N., R. 24 E.; subdivisions T. 3 N., R. 25 E. of the Salt Lake base and meridian, Utah.
219	Green River guide meridian T. 20 S., between Rs. 15 and 16 E.; east and north boundaries, subdivisions, and meanders T. 20 S., R. 16 E.; subdivisions and meanders Ts. 22 and 23 S., R. 16 E.; fourth standard parallel south Rs. 21 and 20 E.; east and west boundaries and subdivisions T. 21 S., R. 20 E.; south and east boundaries, subdivisions, and meanders T. 21 S., R. 24 E. of the Salt Lake base and meridian, Utah.
220	Second standard parallel south R. 2 E.; east boundary and subdivisions T. 10 S., R. 2 E.; south and west boundaries and subdivisions T. 39 S., R. 9 W.; subdivisions T. 38 S., R. 10 W.; south boundary and subdivisions T. 39 S., R. 10 W.; south, west, and north boundaries and subdivisions T. 39 S., R. 11 W.; west and north boundaries and subdivisions T. 38 S., R. 11 W. of the Salt Lake base and meridian, Utah.
221	17 miles of the southwest boundary of the Uintah Indian Reservation and 16 miles 27 chains and 50 links of the northern part of the west boundary of the Uncompaghre Ute Indian Reservation.

450 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

C.—Statement showing contracts for public-land surveys examined and approved by the surveyor-general during the fiscal year ended June 30, 1898.

Contract.		Extent of survey.			
		Location.		Mileage.	Acreage.
No.	Data.	Town-ship.	Range.			M. C. L.	Agricultural.
195	Awarded July 14, 1893, to Robert Gorlinski; liability, \$1,348; approved by surveyor-general Dec. 23, 1897; account, \$1,328.24.	1 S.	3 E.	70 36 80	17,794.55
		1 S.	4 E.	17 55 35	2,726.67
		1 N.	3 E.	24 49 20	4,664.34
		1 N.	4 E.	55 28 50	17,608.58
		3 N.	4 E.	31 59 7	5,365.00
204	Awarded Dec. 30, 1895, to Andrew P. Hanson; liability, \$4,200; approved by surveyor-general Sept. 9, 1897; account, \$2,916.68.	9 N.	7 E.	5 8 85	903.56
		10 N.	7 E.	23 74 30	7,179.81
		10 N.	8 E.	30 50 12	9,070.13
		11 N.	7 E.	13 29 14	2,450.45
		11 N.	8 E.	27 3 71	8,136.59
		12 N.	8 E.	17 27 90	1,306.81
		13 N.	8 E.	15 77 76	647.96
		14 N.	8 E.	26 61 30	8,050.90
		15 N.	8 E.	1 24 95	776.94
		13 N.	5 E.	27 24 71	6,975.25
		13 N.	4 E.	5 40 0	-----
		15 N.	5 E.	1 65 16	303.34
		14 N.	5 E.	20 54 26	5,174.43
		12 N.	5 E.	70 41 37	21,431.59
		14 N.	2 E.	16 39 66	6,080.80
		13 N.	1 E.	2 0 0	640.00
		13 N.	2 E.	6 0 88	1,920.00
		12 N.	2 E.	4 0 95	1,282.56
		13 N.	2 W.	8 60 42	1,283.98
		15 N.	3 W.	6 31 91	1,580.40
		14 N.	2 W.	22 8 19	6,929.40
		14 N.	3 W.	28 41 3	7,977.78
		15 N.	4 W.	15 70 4	3,905.04
		15 N.	5 W.	14 76 29	3,881.54
		15 N.	6 W.	14 41 35	3,953.45
		14 N.	12 W.	8 67 18	4,118.70
		15 N.	12 W.	0 76 68	733.60
		15 N.	14 W.	14 5 65	4,319.54
		(a)	(a)	30 32 83	-----
		(b)	(b)	20 29 8	-----
211	Awarded Oct. 7, 1896, to Alfred B. Lewis; liability, \$4,200; approved by surveyor-general June 30, 1898; account, \$3,457.59.	36 S.	2 W.	25 33 3	6,043.10
		36 S.	3 W.	16 77 91	3,520.00
		36 S.	6 W.	78 70 17	22,889.81
		37 S.	2 W.	77 67 72	22,935.07
		37 S.	5 W.	34 41 29	8,055.10
		37 S.	7 W.	32 34 26	9,282.18
		38 S.	2 W.	74 34 82	22,025.18
		39 S.	8 W.	79 75 65	22,938.81
		42 S.	6 W.	33 50 61	22,814.24
214	Awarded July 21, 1897, to Frank E. Baxter and William B. Dougall; liability, \$3,369.50; approved by surveyor-general May 7, 1898; account, \$3,323.47.	1 S.	7 E.	68 78 37	18,847.57
		2 S.	5 E.	29 29 44	7,596.44
		3 N.	1 W.	0 79 52	836.38
		3 N.	14 E.	43 78 2	13,463.00
		7 N.	3 E.	68 4 87	23,664.58
		7 N.	4 E.	72 44 91	22,199.09
		7 N.	5 E.	72 8 97	21,830.06
		8 N.	5 E.	64 0 23	21,574.81
		8 N.	6 E.	74 47 85	20,679.11
221	Awarded Mar. 29, 1898, to William B. Dougall; liability, \$373.38; approved by surveyor-general May 11, 1898; account, \$373.38.	(c)	(c)	17 78 04	-----
		(d)	(d)	16 42 86	-----
Total.....				1,734 53 21	467,313.79

a Utah-Wyoming boundary.
 b Utah-Idaho boundary.
 c Uintah Indian Reservation boundary.
 d Uncompahgre Ute Indian Reservation boundary.

Total liability.....	\$13,490.88
Total approved account.....	11,404.36
Total acres for this year.....	480,313.79
Total acres for previous years.....	15,130,065.97
Less—	
Part contract No. 172, rejected.....	11,737.29
Contract No. 186, rejected.....	117,877.85
Total acres up to June 30, 1898.....	15,460,785.12

Funds from which the above contracts are payable.

No.	Payable from—
195	Repayment made by the Union Pacific R. R. Co.
204	Regular appropriation, approved Mar. 2, 1895.
211	Regular appropriation, approved June 11, 1896.
214	Repayments made by the Union Pacific R. R. Co.
221	Appropriation for survey of Indian reservations for current fiscal year.

D.—Statement showing contracts for public-land surveys accepted and approved by the Commissioner of the General Land Office during the fiscal year ending June 30, 1898.

Contract No.	Data.	Location.		Mileage.	Acreage.	
		Township.	Range.		Agricultural.	Coal.
195	Awarded July 14, 1893, to Robert Gorlinski; accepted by Commissioner of the General Land Office Feb. 23, 1898; account, \$1,323.24.	1 S.	3 E.	M. O. L. 70 36 80	17,734.55	-----
		1 S.	4 E.	17 55 38	2,726.67	-----
		1 N.	3 E.	24 49 20	4,664.34	-----
		1 N.	4 E.	55 28 50	17,608.58	-----
		3 N.	4 E.	31 59 7	5,365.00	-----
a199	Awarded Mar. 5, 1895, to John T. Breckon; accepted by Commissioner of the General Land Office Mar. 15, 1898; account, \$1,504.65.	13 S.	8 E.	73 11 59	19,432.46	3,680.00
		15 S.	11 E.	24 77 85	10,379.66	-----
		16 S.	10 E.	59 70 28	22,935.16	-----
		16 S.	11 E.	67 76 64	22,840.03	-----
		9 N.	7 E.	5 8 88	903.56	-----
201	Awarded Dec. 30, 1895, to Andrew P. Hanson; accepted by Commissioner of the General Land Office May 3, 1898; account, \$2,916.68.	10 N.	7 E.	23 74 30	7,179.31	-----
		10 N.	8 E.	30 50 12	9,076.13	-----
		11 N.	7 E.	13 29 14	2,450.45	-----
		11 N.	8 E.	27 3 71	8,134.59	-----
		12 N.	8 E.	17 27 90	1,306.81	-----
		13 N.	8 E.	15 77 76	647.96	-----
		14 N.	8 E.	26 61 30	8,050.90	-----
		15 N.	8 E.	1 24 95	776.94	-----
		13 N.	5 E.	27 24 71	6,975.25	-----
		13 N.	4 E.	5 40 0	-----	-----
		15 N.	5 E.	1 65 16	303.34	-----
		14 N.	5 E.	20 54 26	5,174.43	-----
		12 N.	5 E.	70 41 37	21,431.59	-----
		14 N.	2 E.	16 39 66	6,080.80	-----
		13 N.	1 E.	2 0 0	640.00	-----
		13 N.	2 E.	6 0 88	1,920.00	-----
		12 N.	2 E.	4 0 95	1,282.56	-----
		13 N.	2 W.	8 60 42	1,233.98	-----
		15 N.	3 W.	6 31 91	1,580.40	-----
		14 N.	2 W.	22 8 19	6,929.40	-----
14 N.	3 W.	28 41 3	7,977.78	-----		
15 N.	4 W.	15 70 4	3,905.04	-----		
15 N.	5 W.	14 76 29	3,881.54	-----		
15 N.	6 W.	14 41 35	3,953.45	-----		
14 N.	12 W.	8 67 18	4,118.70	-----		
15 N.	12 W.	0 76 68	733.69	-----		
15 N.	14 W.	14 5 65	4,319.54	-----		
221	Awarded Mar. 29, 1898, to William B. Dougall; accepted by Commissioner of the General Land Office May 21, 1898; account, \$373.33.	(b)	(b)	30 32 83	-----	-----
		(c)	(c)	20 29 8	-----	-----
		(d)	(d)	17 78 4	-----	-----
		(e)	(e)	16 42 86	-----	-----

a Only part of contract; remainder to be examined in field.
 b Utah-Wyoming boundary.
 c Utah-Idaho boundary.
 d Uintah Indian Reservation boundary.
 e Uncompahgre Ute Indian Reservation boundary.

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E.—Statement showing contracts for public-land surveys rejected by the Commissioner of the General Land Office during the fiscal year ended June 30, 1898.

[These contracts were rejected upon report of the field examiner.]

Contract No.	Data.	Location.		Mileage.	Acreage.		
		Township.	Range.		Agricultural.	Mineral.	Coal.
a 172	Awarded June 17, 1890, to Edward W. Koeber	14 S. 15 S.	2 E. 2 E.	M. C. L. 31 49 24 36 22 8	5,980.71 5,272.93	----- -----	320.00 163.65
b 186	Awarded June 30, 1892, to Robert Gorlinski	1 N. 2 N. 2 N. 2 N. 3 N. 3 N. 4 N. 4 N. 5 N.	1 E. 2 E. 3 E. 4 E. 2 E. 3 E. 2 E. 3 E. 2 E.	6 75 78 71 13 78 24 38 69 60 71 56 21 59 36 52 28 63 13 40 51 62 28 40 32 9 24	2,732.11 22,097.07 10,711.45 20,595.60 8,899.52 17,052.43 4,064.64 19,579.93 9,917.54	----- ----- ----- ----- ----- ----- ----- ----- -----	----- ----- ----- ----- ----- ----- ----- ----- -----

a First part of contract accepted; these townships finally rejected by honorable Commissioner's letter E, dated June 6, 1898.

b Finally rejected by honorable Commissioner's letter E, dated June 10, 1898.

F.—Statement showing contract from which the deputy was released by the Commissioner's letter E, dated May 6, 1898.

No.	Date.	Name of deputy.	Liability.	Payable from—
210	Oct. 20, 1896	Henry Fitzhugh	\$3,300	Regular appropriation, approved June 11, 1896, for fiscal year ended June 30, 1897.

Location of territory embraced in above.

The south, east, and north boundaries and subdivisions T. 7 S., R. 4 E.; east and north boundaries and subdivisions T. 17 S., R. 4 E.; east and west boundaries and subdivisions T. 16 S., R. 4 E.; subdivisions T. 16 S., R. 3 E.; north boundary and subdivisions T. 22 S., R. 2 E.; subdivisions T. 23 S., R. 2 E.; subdivisions T. 24 S., R. 3 E.; south and north boundaries and subdivisions T. 24 S., R. 4 E.; east and north boundaries and subdivisions T. 23 S., R. 4 E., and the east and north boundaries and subdivisions T. 22 S., R. 4 E., of the Salt Lake base and meridian, Utah.

G.—Statements showing contracts for public-land surveys outstanding or undisposed of at the close of the fiscal year ended June 30, 1898.

No.	Date.	Name of deputy.	Liability.	Payable from—	Remarks.
159	1887. Mar. 3	Edward W. Koeber	\$636.25	Appropriation for survey of appraised and relinquished military reservations, approved Mar. 3, 1885.	First survey made by deputy rejected and new survey ordered. Field work in progress; returns partly filed.
203	1895. Dec. 27	Andrew J. Stewart, jr.	3,000.00	Regular appropriation, approved Mar. 2, 1895.	Field work completed, returns filed, and office examination made.
207	1896. Feb. 5	Augustus D. Ferron	3,000.00	do	Field work in progress; no returns filed.
208	Oct. 20	John T. Breckon and Homar McCarty.	5,000.00	Regular appropriation, approved June 11, 1896.	Field work in progress; returns partly filed.
209	Dec. 26	Hubert D. Page and George C. Swan.	3,500.00	do	Field work in progress; no returns filed.
212	Oct. 15	Washington Jenkins and Joseph A. West.	4,000.00	do	Do.

G.—Statements showing contracts for public-land surveys, etc.—Continued.

No.	Date.	Name of deputy.	Liability.	Payable from—	Remarks.
213	1897. June 17	Samuel E. Reaugh, William F. Shelton, and Charles Tappan.	\$4,859.17	Repayments made by Union Pacific R. R. Co.	Field work in progress; returns partly filed.
215	Oct. 29	Hubert D. Page and James M. Lentz.	4,332.00	Regular appropriation, approved June 4, 1897.	Field work not begun.
216	do	Alonzo J. Stookey	2,792.00	do	Field work in progress; no returns filed.
217	Nov. 1	Scott P. Stewart and Andrew J. Stewart, art. jr.	4,395.00	do	Do.
218	Nov. 9	Adolphe Jessen	3,225.00	do	Do.
219	Nov. 12	Alfred B. Lewis and David H. Blossom.	3,000.00	do	Field work not begun.
220	1898. April 1	Andrew P. Hanson	2,256.00	do	Do.
Total			43,995.42		

H.—Statement of official orders issued during fiscal year ended June 30, 1898.

Original surveys.	Number.	Lodes.	Placers.	Mill Sites.
1897.				
July	33	67		
August	12	34		
September	16	41		
October	34	38	2	1
November	54	61		
December	17	24	1	
1898.				
January	27	23		
February	7	29		
March	13	34		
April	14	37		
May	22	30		
June	28	29		
Total	277	452	3	1
Amended and additional surveys	19			
Total orders issued	296			

I.—Statement of original, amended, and additional surveys approved during fiscal year ended June 30, 1898.

Original surveys.	Number.	Lodes.	Placers.	Mill sites.
1897.				
July	14	33		
August	19	35		
September	23	47		
October	22	78	4	
November	8	8		1
December	9	13		
1898.				
January	18	27		
February	12	12		
March	15	33		
April	44	92		
May	11	12		
June	21	35		
Total	216	425	4	1
Amended and additional surveys	25	40		
Total	241	465	4	1

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J.—Statement of original surveys before the office June 30, 1898.

	Number.	Lodes.	Placers.
Under examination or returned for correction.....	28	50	1
Awaiting examination.....	4	4	.....
Total.....	32	54	1
Orders issued and surveys not filed.....	104	111	1
Amended and additional surveys:			
Under examination or returned for correction.....	2	5	.....
Orders issued and surveys not filed.....	3	4	.....

K.—Statement showing connected district plats drawn on uniform-sized sheets, 20 by 24 inches, scale 400 feet to an inch.

New sheets constructed.....	37
Old sheets renewed and corrected.....	12
Total made.....	49

LETTERS.

General Land Office letters received.....	228
Miscellaneous letters received.....	342
General Land Office letters written.....	233
Miscellaneous letters written.....	722

STATEMENT OF DEPUTY MINERAL SURVEYORS.

Total number of deputy mineral surveyors.....	56
New commissions issued during fiscal year.....	4
Deputies suspended for failure to renew bonds.....	4

L.—Statement showing funds at the disposal of and disbursements during fiscal year ending June 30, 1898.

ACCOUNT SALARIES SURVEYOR-GENERAL AND CLERKS.

Appropriation.....	\$8,000.00
Paid surveyor-general.....	2,000.00
Paid clerks.....	6,000.00

ACCOUNT CONTINGENT EXPENSES.

Appropriation.....	1,200.00
Paid rent.....	660.00
Paid janitor.....	180.00
Paid incidentals.....	358.89
Balance refunded into Treasury.....	1.11

ACCOUNT DEPOSITS BY INDIVIDUALS (MINING).

July 1, 1897, available balance.....	11,460.21
Deposits for office work:	
1897—	
July.....	\$1,447.00
August.....	856.00
September.....	1,054.00
October.....	982.00
November.....	1,245.00
December.....	568.00
1898—	
January.....	850.00
February.....	545.00
March.....	1,106.00
April.....	1,187.00
May.....	1,146.00
June.....	726.00
Total.....	11,712.00
Total.....	23,172.21

Paid clerks' salaries.....	\$9,336.25
Balance available July 1, 1898	13,885.96

ACCOUNT DEPOSITS BY INDIVIDUALS (C. P. R. R. OFFICE WORK).

July 1, 1897, available balance.....	5,722.81
No disbursements.	
Balance available July 1, 1898	5,722.81

ACCOUNT DEPOSITS BY INDIVIDUALS (U. P. R. R. OFFICE WORK).

July 1, 1897, available balance.....	583.24
May deposit.....	143.10
Total.....	726.34
No disbursements.	
Balance available July 1, 1898	726.34

REPORT OF THE SURVEYOR-GENERAL OF WASHINGTON.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Olympia, Wash., July 15, 1898.

SIR: I have the honor to transmit inclosed herewith, in duplicate, the annual report of this office for the fiscal year ending June 30, 1898, accompanied by the following tabular statements:

A.—Statement showing condition of contracts not closed at date of last annual report.

B.—Contracts awarded under the apportionment of \$42,000 to the State of Washington of the appropriation for the survey of public lands for the fiscal year ending June 30, 1898.

The accompanying statement shows the aggregate number of miles of accepted surveys during the past fiscal year, as follows:

	Measurements.		
	Miles.	Chs.	Lks.
Standard lines	68	9	23
Township lines	246	63	57
Section lines	1,044	63	05
Meander lines	107	67	49
Connecting lines	19	23	56
Total	1,486	66	90
Number of townships surveyed and accepted			26
Number of mineral surveys			47
Number of mineral plats made for mines and mill sites			225
Number of exterior plats made			36
Number of township plats made			138
Number of miscellaneous diagrams and tracings made			240
Total number of plats, tracings, etc., made			639
Special deposits by State of Washington for public land surveys			\$450
Aggregate deposits for office work, mining claims			4,748

EXAMINATION OF SURVEYS.

As conducted at present, too much time is consumed in the examination of surveys. I can see no good reason why the examiner can not follow the deputy surveyor the same season that the surveys are made, and not wait for the returns of the deputy. Each can keep his field notes separate from the other, and when the deputy makes his returns to this office, and they are examined and plated and sent to your office, this office could at once be notified of any discrepancy in his field work, and the deputy notified of the corrections required. These corrections could then be made the next summer, and also a reexamination if considered necessary, and the whole work could then be completed within a year after being returned to this office. It must be well understood that in this district only four months each year are available for field work with a solar instrument. This is why, in justice to the deputy surveyor, the examination should be made the same season of the survey, otherwise two years, or perhaps more, must elapse before his accounts can be ready for payment, which in most cases must absorb his profits in the payment of interest. In support of the foregoing statement I will cite a few cases from the records of this office:

Contract No. 460; April 19, 1895; Alvin Bystrom, deputy surveyor; T. 26 N., Ra. 2 and 3 W.: Reported for examination November 8, 1895; June 25, 1896, and April 5, 1898. Special agent furnished data for examination October 30, 1897. No report whether or not examined.

Contract No. 490; November 9, 1895; Alfred S. Ruth; fractional T. 11 N., R. 7 W.: Survey reported for examination September 1, 1896, and October 9, 1897; returns

to General Land Office, July 27, 1897; survey again reported for examination April 5, 1898.

Contract No. 493; March 24, 1896; McPherson & Wyche; resurvey of part of Yakima Indian Reservation boundary: Reported for examination February 11, 1897; March 16, 1897, and April 5, 1898; data for examination furnished special agent October 2, 1897; no report whether examination has been made.

Contract No. 495; May 9, 1896; Charles C. Ward; T. 8 N., R. 22 E.: Survey reported for examination March 16, 1897, and April 5, 1898; data furnished special agent October 2, 1887; no report from examination.

Contract No. 497; May 9, 1896; Albert C. O'Neel; T. 11 N., R. 3 E.: Reported for examination January 5 and March 16, 1897, and April 5, 1898; no report from examination.

Contract No. 529; May 12, 1897; Robert F. Whitham; T. 20 N., Rs. 8 and 13 E.: Reported for examination August 31, 1897, and April 5, 1898; no report from examination.

It must be apparent to all that under your present system of examinations, and the delays incident thereto, the most careful and competent deputy must suffer equally with the careless and incompetent before he can receive any compensation for the labor and privations incurred in the field. This practice is neither wise nor just, and the interest of the deputy should be considered as well as the convenience of the examiner.

Very respectfully,

W. McMICKEN,

United States Surveyor-General, Washington.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement showing condition of contracts

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Standard.	Township.	Section.
390	1892. June 27	Edward D. Hooker..	Exteriors and subdivisions T. 36 N., R. 24 E.	M. C. L. -----	M. C. L. 7 77 52	M. C. L. 42 73 0
397	do	William B. Maryes..	Exteriors, subdivisions, and connections T. 8 N., R. 2 E.; Second standard N., R. 3 E.; east boundary and subdivisions T. 9 N., R. 3 E.	6 0 0	6 2 50	60 26 86 60 11 29
(a)	1895. Apr. 17	Albert C. O'Neel, compassman.	Exteriors and subdivisions T. 11 N., R. 2 E., and T. 15 N., R. 4 E.	-----	16 11 44	104 63 78
400	1892. June 28	Alex. M. Reynolds ..	Exteriors and subdivisions Ts. 14 and 15 N., Rs. 7 and 8 E., and T. 15 N., R. 9 E.	-----	-----	-----
406	1893. Jan. 2	Adolphus C. McDon- ald.	Standard line between Ts. 34 and 35 N. through Rs. 32 to 36 E. and part of R. 37 E.; exteriors of fractional Ts. 35 and 36 N., R. 37 E.; standard line between Ts. 34 and 35 N. through Rs. 27 to 31 E.; and exteriors Ts. 35 N., Rs. 27 to 31 E., and T. 36 N., Rs. 27 to 32 E.	-----	-----	-----
(a)	1896. July 20	William J. Roberts..	Standard line between Ts. 34 and 35 N., Rs. 27 to 37 E.	56 14 3	-----	-----
409	1893. May 15	Oliver B. Iverson....	Subdivisions Ts. 7 and 9 N., R. 20 E., in Yakima Indian Reservation.	-----	2 0 0	50 2 99
410	May 19	John D. McIntyre..	Exteriors, subdivisions, and meanders T. 27 N., R. 10 E.	-----	-----	-----
411	do	do	Seventh standard north through Rs. 10 and 11 E.; exteriors, subdivisions, and meanders T. 28 N., Rs. 10 and 11 E.	-----	-----	-----
414	May 27	Robert A. Webster..	North boundary and subdivisions T. 3 N., R. 4 E. North fractional east and west boundaries, subdivisions, and connections T. 3 N., R. 8 E.	-----	5 77 60 9 71 88	59 69 49 6 24 5
415	do	William E. Elwell..	First standard north through R. 4 E.; exteriors and subdivisions Ts. 4 and 5 N., R. 4 E.	-----	-----	-----
424	June 10	Alexander M. Reynolds.	Exteriors and subdivisions Ts. 32 and 35 N., R. 24 E.	-----	-----	-----
425	do	Joshua T. Roberts..	North fractional east boundary, subdivisions, and meanders T. 33 N., R. 25 E. North and east boundaries, subdivisions, meanders, and connections T. 34 N., R. 25 E. North and east boundaries, subdivisions, meanders, and connections T. 35 N., R. 25 E. Fractional north boundary, subdivisions, and meanders T. 33 N., R. 26 E.	-----	11 56 15 11 78 35 11 77 50 4 24 18	60 2 69 59 74 11 58 70 24 15 19 4

a Special instructions.

not closed at date of last annual report.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Mean-der.	Connec-tions.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L.	M. C. L.	M. C. L.							
-----	1 5	50 71 57	15,401.63	1	1	1	3	\$915.51	Survey accepted Sept. 24, 1897; contract closed.
-----	36 63	72 67 97	23,237.23	1	1	1	3	2,277.50	Survey accepted Jan. 22, 1898.
-----		72 13 79	23,098.12	2	1	1	4	-----	Do.
-----	47 67	121 47 89	-----	2	2	2	6	1,531.19	Corrected survey by Com- passman O'Neel; suspend- ed for further examination in the field Jan. 22, 1898.
-----								2,470.00	Surveys defective and re- jected by Commissioner's letter of Jan. 22, 1898. Sure- ties permitted to employ compassman to complete surveys; no action yet taken by sureties.
-----								3,555.00	Surveys rejected; partial resurvey made by W. J. Roberts, deputy surveyor.
-----		56 14 3	-----	1	2		3	1,324.08	Survey accepted Jan. 21, 1898; remainder of McDonald's surveys embraced in con- tract No. 406 to be relet.
5 43 27	34 0	58 0 26	-----	2	2	2	6	340.75	Survey suspended Dec. 12, 1894; deputy to make cor- rections in the field.
-----								1,900.00	Returns in office: survey reported for examination in the field Sept. 15, 1897.
-----								1,580.00	Do.
-----		65 67 9	22,890.60	2	2	1	5	} 1,684.90	{ Survey accepted Jan. 21, 1898; contract closed.
-----	7 76	16 23 69	2,429.08	1	1	1	3		
-----								2,840.00	Survey being completed by P. A. Homan, compass- man, now in the field.
-----								1,770.00	Survey rejected; contract canceled; both townships relet in contract No. 542, Stixrud and Gardiner, dep- uty surveyors.
43 93	-----	72 22 77	23,012.02	1	1	1	3	} 3,092.25	{ Survey accepted Oct. 29, 1897; contract closed; account reduced from \$3,977.07 to \$3,092.25 for excess liability and noncompletion of sur- veys in specified time.
2 06 36	1 54 37	76 33 19	22,743.95	1	1	1	3		
6 5 27	5 37 44	82 30 45	21,252.06	1	1	1	3		
9 54 31	-----	29 17 53	6,422.32	1	1	1	3		

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
427	1893. June 19	Manford G. Lisher ..	North boundary, subdivi- sions, and meanders T. 6 N., R. 3 E.	M. C. L. -----	M. C. L. 5 76 51	M. C. L. 59 60 18
			Fractional subdivisions and connections T. 12 N., R. 4 E.	-----	-----	20 2 91
429	June 20	William Mayer	North and east boundaries and subdivisions T. 7 N., R. 3 E.	-----	11 74 53	59 8 60
430	....do....	Freeman W. Brown.	Subdivisions T. 15 N., R. 6 W.	-----	11 40 83	57 35 62
(a)	1895. Apr. 16	Isaac M. Galbraith ..	Compassman to complete above survey.	-----	-----	-----
431	1893. June 20	Albro Gardner	South and east boundary (re- survey), subdivisions, and meanders T. 22 N., R. 8 E.	-----	12 2 1	59 57 83
			East boundary, resurvey of subdivisions and meanders T. 26 N., R. 8 E.	-----	12 33 52	60 72 85
443	1894. May 4	Manford G. Lisher ..	Fractional north boundary, subdivisions, and meanders T. 30 N., R. 11 E.	-----	2 38 38	7 40 0
(a)	1895. Mar. 3	....do.....	Fractional subdivisions and meanders T. 31 N., R. 11 E.	-----	-----	8 71 67
449	Apr. 19	Isaac M. Galbraith ..	Fractional subdivisions T. 39 N., R. 4 E.	-----	-----	13 10 0
			Fractional north and east boundaries and subdivi- sions T. 38 N., R. 5 E.	-----	-----	-----

a Special instructions.

closed at date of last annual report—Continued.

Miles surveyed.			Acreage.	Plats made.				Liabil-ity.	Remarks.
Mean-der.	Connec-tions.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L. 10 13 26	M. C. L. -----	M. C. L. 75 89 95	22,617.62	1	1	1	3	\$1,583.20	Survey reported for exam-ination in the field Sept. 26, 1894; examination ordered Apr. 20, 1895; special in-structions to deputy to cor-rect survey Feb. 20, 1896; returns of T. 6 N., R. 3 E., to General Land Office Dec. 26, 1896.
-----	7 25	20 10 16	8,194.66	1	1	1	3	386.16	Returns of T. 12 N., R. 4 E., to General Land Office Jan. 15, 1897; survey suspended; not examined in the field, Feb. 23, 1898; deputy again instructed to correct sur-vey of T. 6 N., R. 3 E., Mar. 21, 1898.
-----	-----	71 3 13	22,360.66	1	1	1	3	1,500.00	Returns to General Land Office Dec. 26, 1896; survey defective and deputy given 30 days to show cause why survey should not be re-jected, Feb. 23, 1898; deputy given until Sept. 1, 1898, to correct work.
-----	-----	68 76 45	20,995.85	1	1	1	3	1,413.63	Returns to General Land Office (Galbraith survey) Aug. 8, 1896; survey sus-pended for further exam-ination in the field Mar. 3, 1897; examination to be made soon after May 1, 1898.
-----	-----	-----	-----	-----	-----	-----	-----	-----	Returns filed by deputy Feb. 1, 1896; notes returned to deputy for correction, June 17, 1896; notice to de-puty of examination to be made by special agent Sept. 26, 1896; complete returns to General Land Office, Oct. 8, 1896; survey suspended for correction in the field June 2, 1897; corrected notes filed by deputy Sept. 3, 1897, and survey reported for examination; notice of examination to be made by special agent, Sept. 14, 1897; corrected returns of T. 22 N., R. 8 E., to General Land Office, Nov. 3, 1897; deputy notified of further correc-tions necessary in T. 26 N., R. 8 E., Dec. 8, 1897; notice that further examination not practicable this season, Dec. 14, 1897; surveys again reported for examination, Apr. 5, 1898.
1 23 70	-----	73 3 54	22,984.63	1	1	1	3	2,909.00	
72 40	-----	74 18 77	23,660.07	1	1	1	3		
6 50 98	-----	16 49 36	2,626.10	1	1	1	3	716.97	Survey accepted Jan. 21, 1898; contract closed.
6 54 44	-----	15 48 11	3,216.92	1	1	1	3		
-----	-----	13 10 0	6,023.72	1	1	1	3		
-----	-----	-----	-----	-----	-----	-----	-----	262.50	Returns of T. 39 N., R. 4 E., to General Land Office Nov. 12, 1896; survey re-ported for examination Mar. 16, 1897.
-----	-----	-----	-----	-----	-----	-----	-----	397.50	Field notes of T. 38 N., R. 5 E., returned to deputy for cor-rection July 23, 1897; notice of special agent to examine survey, Aug. 2, 1897; cor-rected notes of T. 38 N., R. 5 E., not yet returned by deputy.

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
450	1895. Apr. 29	Emery J. Hermans..	North and east boundaries and subdivisions T. 33 N., R. 7 E.	M. C. L. -----	M. C. L. 12 1 53	M. C. L. 60 5 66
451	Apr. 19	Isaac M. Galbraith..	Exteriors and subdivisions T. 37 N., Rs. 8 and 9 E.	-----	-----	-----
452	----do----	Prosper E. Thian....	Seventh standard north, through fractional Rs. 8 and 9 E.; fractional east and west boundaries and subdivisions T. 29 N., R. 9 E. Fractional south and east boundaries and subdivisions T. 30 N., R. 9 E.	2 40 00 -----	2 40 00 3 79 19	21 69 19 29 36 52
453	----do----	John C. Parsons....	South fractional east boundary, subdivisions, and connections T. 36 N., R. 9 E.; east fractional north and west boundaries, subdivisions, and meanders T. 36 N., R. 11 E.	-----	-----	-----
455	May 3	Scurry & Owens....	Resurvey of south boundary; east boundary, subdivisions, and connections T. 36 N., R. 40 E. Resurvey fractional east boundary; fractional south boundary, subdivisions, and meanders T. 40 N., R. 40 E. South and east boundaries, subdivisions, and connections T. 40 N., R. 41 E. Subdivisions fractional T. 36 N., R. 39 E.	-----	11 64 46 5 58 87 11 27 52	27 35 30 5 65 89 31 06 15
456	----do----	do	Exteriors, subdivisions, and meanders T. 32 N., Rs. 37 and 38 E. and T. 33 N., R. 38 E.	-----	-----	-----
(a)	1897. May 20	-----	Resurvey east boundary T. 32 N., R. 38 E.	-----	-----	-----
460	1895. Apr. 19	Alvin Bystrom.....	Fractional exteriors, subdivisions, and meanders T. 26 N., E. 2 W. Fractional subdivisions T. 26 N., E. 3 W.	-----	9 13 04	17 24 37 9 61 45
465	----do----	Webster Brown....	Exteriors, subdivisions, and meanders T. 22 N., R. 5 W.	-----	-----	-----
460	----do----	Oliver O. Ort.....	North, south, east, and west boundaries and subdivisions T. 22 N., R. 9 W.	-----	24 06 38	27 09 87
(a)	June 3	-----	Fractional east and west boundaries T. 21 N., R. 9 W. a Special instructions.	-----	4 14 22	-----

closed at date of last annual report—Continued.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Mean-der.	Con-nections.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L.	M. C. L.	M. C. L. 72 7 19	23,090.73	1	1	1	3	\$1,473.93	Survey of T. 33 N., R. 7 E., accepted Feb. 4, 1898; contract No. 450 closed.
								1,600.00	
		26 69 19	6,366.00	2	2	1	5	1,325.00	Surveys ordered examined Oct. 9, 1895; returns received from deputy Oct. 11, 1895; returns to General Land Office July 25, 1896; surveys suspended for correction in the field, Mar. 5, 1897; returns of corrected survey to General Land Office, Sept. 28, 1897; notice that special agent will examine survey Oct. 1, 1897, no report of examination having been made.
		33 35 71	9,576.12	1	1	1	3		
								2,025.00	Survey reported for examination Mar. 16, 1897; notes returned to deputy for correction July 24, 1897; notice of examination to be made by special agent Aug. 2, 1897; corrected notes received from deputy Oct. 5, 1897; survey again reported for examination Apr. 5, 1898; no report of examination being made.
	0 13 50	39 33 26	8,767.88	1	1	1	3	2,028.31	Surveys accepted April 14, 1898.
5 24 62		16 69 32	2,707.82	1	1	1	3		
5 79 97	3 54 92	52 10 56	9,725.38	1	1	1	3		
								2,070.00	Waiting correction in the field by deputies. Partial returns received June 2, 1898.
								138.00	
0 64 81		27 22 22	3,755.49	1	1	1	3	751.18	Surveys reported for examination Nov. 8, 1875; special instructions to deputy for correction of survey May 20, 1896; surveys again reported for examination June 25, 1896; special agent directed to examine surveys July 10, 1896; return to General Land Office Feb. 26, 1897; surveys now being examined by special agent.
		9 61 45	3,200.00	1	1	1	3		
								1,000.00	Waiting correction in the field by deputy.
		51 16 25	9,677.96	1	1	1	3	1,192.37	Survey accepted Sept. 10, 1897.
		4 14 22		1	1	0	2		

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
(a)	1895. June 3		North, west, fractional east boundary, subdivisions, meanders, and connections T. 23 N., R. 9 W.	M. C. L. -----	M. C. L. 14 41 99	M. C. L. 26 58 87
(a)	1896. Nov. 13		Resurvey of meander line of Quinaelt Lake T. 23 N., R. 9 W.	-----	-----	-----
468	1895. Apr. 15	Reynolds & Pome-roy.	Exteriors, subdivisions, and meanders Ts. 37, 38, 39, and 40 N., E. 30 E.; T. 40 N., R. 32 E.; Ts. 37, 38, and 39 N., R. 33 E.	6 6 72	30 29 77	288 58 33
470	May 10	Hammond & Fort- man.	Exteriors and subdivisions T. 29 N., R. 6 W.	-----	-----	-----
(a)	May 25	Thian & Bennison...	East half of line between sections 1 and 12, T. 23 N., R. 8 E.	-----	-----	-----
(a)	June 18	Oliver O. Ort.....	Fractional survey in T. 21 N., R. 9 W.	-----	-----	-----
472	Oct. 16	Robert F. Whitham.	Resurvey south and east boundaries; survey of north boundary, subdivisions, and connections T. 11 N., R. 5 W.	-----	17 15 69	57 66 39
(a)	Oct. 22	W. P. Kingston.....	Resurvey south boundary; survey north boundary, subdivisions, and connections T. 11 N., R. 6 W.	-----	11 63 99	59 38 85
473	1896. June 6	Christian Andersen.	Island in Lake McAleer, section 32, T. 27 N., R. 4 E.	-----	-----	-----
(a)	1896. June 6	Christian Andersen.	Eight standard north through Rs. 45 and 46 E.; exteriors, subdivisions, and meanders Ts. 30 and 32 N., Rs. 45 and 46 E.	6 27 0	22 17 6	114 24 65
(a)	Aug. 15		West boundary T. 30 N., R. 45 E.	-----	6 25 0	-----
474	1895. Nov. 9	John Wetzel.....	North and east boundaries, subdivisions, and meanders T. 30 N., R. 43 E.	-----	12 7 80	60 17 48
475	do	Scurry & Owens....	Resurvey fractional north boundary; survey of east boundary, subdivisions, and meanders T. 31 N., R. 43 E.	-----	7 99 92	61 47 95
477	do	Stixrud & Nasten...	Exteriors and subdivisions Ts. 30 and 31 N., R. 44 E.	-----	-----	-----
(a)	1896. Apr. 17	do	North and west boundaries, subdivisions, Indian allotment boundaries, meanders, and connections T. 39 N., R. 25 E.	-----	11 71 48	28 71 76
477	1896. Nov. 9	do	Ruby guide meridian through T. 39 N.	5 75 20	-----	-----
			Exteriors, subdivisions, and meanders Ts. 38 and 40 N., R. 25 E.	-----	-----	-----

a Special instructions.

closed at date of last annual report—Continued.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Meander.	Connections.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L. 7 67 48	M. C. L. 20 50	M. C. L. 49 28 84	8,935.76	1	1	1	3	\$1,056.62	Survey reported for examination Nov. 12, 1895; returns to General Land Office April 15, 1898; surveys now being examined by special agent.
6 70 75		6 70 75						164.41	
28 26 96	0 70 59	354 32 37	107,345.80	8	16		24	6,875.00	Surveys suspended Feb. 10, 1897; deputies withdraw from contract Sept. 10, 1897; special instructions to C. Andersen, compassman, to correct surveys; complete returns to General Land Office May 17, 1898; surveys now being examined in the field by special agents.
								800.00	Deputies awaiting completion and acceptance of survey of T. 29 N., R. 5 W.
								10.00	No returns from deputies.
								130.00	Deputy correcting work in the field.
	0 18 72	75 20 79	21,396.12	1	1	1	3	3,017.08	Survey reported for examination Jan. 5, 1897; complete returns to General Land Office May 18, 1897; survey again reported for examination Apr. 5, 1898; surveys now being examined in the field.
	0 43 46	71 66 30	22,638.56	1	1	1	3		
								25.00	Survey rejected; special instructions canceled Jan. 19, 1898.
27 44 07	3 49 48	174 2 26	44,324.30	5	5		10	2,985.00	Surveys reported for examination Jan. 5, 1897; complete returns to General Land Office Oct. 5, 1897; surveys suspended Mar. 19, 1898; deputy to correct work in the field; deputy notified that another field examination will be made at an early date, June 22, 1898.
		6 25 00		1	1		2	120.00	
7 60 16	0 34 37	80 39 81	22,877.69	2	2	1	5	3,000.00	Surveys accepted Apr. 5, 1898; contract closed.
5 56 75	1 30 99	76 75 61	24,039.46	1	1	1	3		
								3,076.00	Surveys defective; deputies to correct work in field; no returns of T. 31 N., R. 44 E.
4 35 32	0 11 03	43 29 59	7,472.02	1	1	1	3	1,046.24	Surveys accepted Mar. 8, 1898.
		5 75 20		1	1		2	126.96	Survey accepted with T. 39 N., R. 25 E.
								2,508.00	Surveys defective; deputies to correct work in field.

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
479	1895. Nov. 9	Moses M. Emerson ..	Resurvey part of east bound-ary; survey of north, south, and west boundaries, sub-divisions, meanders, and connections T. 30 N., R. 23 E.	M. C. L. -----	M. C. L. 21 3 40	M. C. L. 57 23 48
481	....do....	Albert E. Hammond.	Second guide meridian be-tween Rs. 7 and 7½ E.; first standard north through R. 7½ E. and part of R. 8 E.; south and east boundaries, subdivisions, and connec-tions T. 4 N., R. 7½ E.	7 38 18	7 19 12	5 77 51
482	....do....	Dudley, S. B., and John D. Henry.	East fractional, west bound-ary, and subdivisions T. 18 N., R. 5 E.	-----	7 7 24	60 16 84
483	....do....	Galbraith & Ober...	Exteriors and subdivisions fractional T. 12 N., R. 8 E. North, south, east bounda-ries, subdivisions, and con-necting lines T. 19 N., R. 9 E.	-----	17 76 21	59 65 3
(a)	1896. June 25	-----	Meanders of White River in T. 19 N., R. 9 E.	-----	-----	-----
486	1895. Nov. 9	John C. and Geo W. Parsons.	Exteriors and subdivisions T. 34 N., R. 9 E.; fractional T. 35 N., R. 8 E.	-----	-----	-----
487	....do....	Lucien S. Robe.....	Exteriors and subdivisions T. 35 N., R. 12 E.	-----	-----	-----
488	....do....	James C. Jeffery....	Resurvey part of north and south boundaries; survey of fractional subdivisions T. 14 N., R. 5 W.	-----	7 27 93	54 13 1
489	....do....	Hammond & Fort-man.	Resurvey east boundary, sur-vey of south and west boundaries, subdivisions, meanders, and connections T. 26 N., R. 13 W.	-----	13 51 19	56 55 96
			Subdivisions and meanders T. 26 N., R. 14 W.	-----	-----	4 39 68
			Subdivisions and meanders T. 30 N., R. 16 W.	-----	-----	1 26 7
490	....do....	Alfred S. Ruth.....	Fractional subdivisions and connections T. 11 N., R. 7 W.	-----	-----	16 7 9
492	1896. Jan. 15	Lucien S. Robe.....	Resurvey of meanders, right bank of Cowlitz River, through part of T. 12 N., R. 7 E.	-----	-----	0 28 0
493	Mar. 24	McPherson & Wyche.	Resurvey of south and west boundaries of Yakima In-dian Reservation from 54 to 23 and 17½ to 10 mile posts T. 6 N., Rs. 16 to 20 E., and T. 7 N., Rs. 21 and 22 E.	-----	39 18 20	-----
494	Apr. 25	John G. Scurry.....	Resurvey ninth standard north through Rs. 39 and 40 E.	13 2 31	-----	-----

a Special instructions.

closed at date of last annual report--Continued.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Mean-der.	Con-nect-ions.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L. 24 42 94	M. C. L. 1 38 64	M. C. L. 104 28 46	21,445.23	1	1	1	3	1,775.00	Survey accepted Oct. 29, 1897; contract closed.
-----	1 44 56	22 19 37	4,623.06	2	2	1	5	280.00	Surveys reported for examination in the field Jan. 5, 1897; returns to General Land Office Nov. 6, 1897; surveys defective; deputy to correct work in the field Mar. 22, 1898.
-----	2 62 28	70 06 36	23,216.64	1	1	1	3	1,374.21	Survey accepted Mar. 22, 1898.
-----	0 07 22	77 68 46	22,672.08	2	2	1	5	900.00	Survey defective; deputies to correct work in the field.
-----	19 62 75	19 62 75	-----	-----	-----	-----	-----	1,608.87	Survey accepted June 8, 1898; contract closed.
-----	-----	-----	-----	-----	-----	-----	-----	400.00	Survey accepted with T. 19 N., R. 9 E., June 8, 1898.
-----	-----	-----	-----	-----	-----	-----	-----	1,425.00	Returns in office being plat- ted and transcribed; re- ported for examination in the field Mar. 16, 1897; no re- port of examination made.
-----	-----	-----	-----	-----	-----	-----	-----	1,200.00	Survey to be completed by Deputy James C. Jeffery, under special instructions dated Jan. 23, 1897.
-----	0 18 08	61 59 02	18,572.99	1	1	1	3	1,248.09	Survey reported ready for examination Mar. 16, 1897, Oct. 9, 1897, and Apr. 5, 1898; survey now being exam- ined in the field by special agent.
23 22 85	0 15 19	93 65 22	20,112.67	2	2	1	5	2,300.00	Surveys reported ready for examination Mar. 16, 1897; returns to General Land Office Oct. 4, 1897; surveys now being examined in the field by special agent.
5 16 55	-----	9 56 23	2,381.36	1	1	1	3		
6 15 09	-----	7 41 16	1,105.14	1	1	1	3		
-----	0 40 22	16 47 31	5,199.97	1	1	1	3	324.28	Survey reported for exam- ination Sept. 1, 1896, Oct. 9, 1897, and Apr. 5, 1898; com- plete returns to General Land Office July 27, 1897; survey now being exam- ined in the field by special agent.
8 70 58	1 18 66	10 37 24	-----	1	1	1	3	225.97	Deputy to correct survey in in the field; plats and field notes returned from Gen- eral Land Office June 7, 1898.
-----	-----	39 18 20	-----	2	2	-----	4	588.41	Survey reported for exam- ination in the field Feb. 11, 1897, and Mar. 16, 1897; re- turns to General Land Of- fice Sept. 11, 1897; data for examination to special agent Oct. 2, 1897; again reported for examination Apr. 5, 1898; no report of examination made.
-----	-----	12 2 31	-----	1	1	-----	2	300.72	Returns to General Land Of- fice Jan. 19, 1898.

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
495	1896. May 9	Charles C. Ward	Resurvey east boundary; survey south boundary, subdivisions, and connections T. 8 N., R. 22 E., outside of Yakima Indian Reservation.	M. C. L.	M. C. L. 10 5 6	M. C. L. 28 7 22
497	do	Albert C. O'Neel	Resurvey fractional east boundary; survey fractional east boundary, subdivisions, and connections T. 11 N., R. 3 E.		6 3 18	59 33 96
(a)	Oct. 10		Resurvey south boundary T. 11 N., R. 3 E.		5 67 66	
498	May 9	Alvin Bystrom	East boundary and subdivisions T. 8 N., R. 3 E.			
499	do	Oliver O. Ort	Resurvey fractional south boundary; survey of east boundary, subdivisions, and connections T. 14 N., R. 2 E.		6 75 55	60 5 62
500	do	Gilham & Haskell	Exteriors and subdivisions T. 22 and 23 N., Rs. 6 and 7 W.			
501	do	Alfred S. Ruth	Subdivisions and connections T. 12 N., R. 8 W.			46 62 20
502	do	Elwood G. Hunt	North boundary, fractional subdivisions, and connections T. 21 N., R. 8 W.		5 60 30	29 74 64
503	do	Christian Andersen	First standard north through R. 5 E., east boundary and subdivisions T. 4 N., R. 5 E.			
504	do	Edward B. Dobbs	Fractional east and west boundaries, subdivisions, and connections T. 9 N., R. 41 E.		4 0 0	39 61 27
(a)	July 13	Stixrud & Nasten	Resurvey of international boundary between the United States and British Columbia from the Ruby Guide meridian to line between Rs. 24 and 25 E.	5 0 0		
(a)	July 29	Albert E. Hammond	Fractional T. 3 N., R. 7½ E.			
505	Sept. 12	Galbraith & Ober	Fractional east and south boundaries and subdivisions T. 24 N., R. 8 E.			
(a)	Dec. 1	Hammond & Fortman	East and south boundaries Hoh Indian Reservations T. 26 N., R. 13 W.			1 38 95
506	Dec. 4	Lewis D. W. Shelton	Exteriors and subdivisions T. 31 N., Rs. 14 and 15 W.			

a Special instructions.

closed at date of last annual report—Continued.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Mean-der.	Con-nections.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L.	M. C. L. 1 51 99	M. C. L. 39 64 27	10,719.91	2	2	1	5	\$222.00	Survey reported for examination in the field Mar. 16, 1897; data for examination furnished special agent Oct. 2, 1897; survey again reported for examination Apr. 5, 1898.
	0 15 10	65 52 24	22,610.86	1	1	1	3	1,303.29	Surveys reported for examination in the field Jan. 5, and Mar. 16, 1897; returns to General Land Office Apr. 28, 1897; survey again reported for examination Apr. 5, 1898.
		5 67 66		1	1		2	132.69	
								1,338.00	Deputy in field; time for completion of survey extended to Aug. 15, 1898.
	0 61 95	67 63 12	23,080.62	2	2	1	5	1,338.00	Survey accepted Mar. 5, 1898; contract closed.
								4,924.00	July 3, 1897, contract returned not approved; lands situated within the limits of the Olympic Forest Reserve.
	1 11 75	47 73 95	18,781.65	1	1	1	3	941.28	Survey reported for examination in the field Feb. 1, Mar. 16, Oct. 8, 1897, and Apr. 5, 1898; returns to General Land Office Sept. 20, 1897; survey now being examined in the field.
	0 76 60	36 51 54	12,328.31	2	2	1	5	735.79	Survey reported for examination in the field Oct. 8, 1897, and Apr. 5, 1898; returns to General Land Office June 11, 1898; work now being examined in the field.
								1,626.00	Payable from special deposits by the State of Washington; deputy waiting completion of survey of T. 4 N., R. 4 E.
	0 39 33	44 20 60	13,244.17	1	1	1	3	323.87	Payable from special deposits by individuals; reported for examination Mar. 3, 1897; returns to General Land Office Dec. 31, 1897; survey again reported for examination Apr. 5, 1898; no report of examination made.
		5 0 0		1	1		2	97.30	Returns to General Land Office Dec. 31, 1897.
								40.00	Deputy correcting field notes.
								467.00	Returns in office being platted.
		1 38 95		1	1		2	29.73	Returns to General Land Office Oct. 4, 1897.
								2,914.00	Surveys being examined in the field; returns in office being platted.

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
507	1896. Dec. 5	Edward A. Fitzhenry	Resurvey north and part of east boundaries; survey of part of east and west boundaries, subdivisions, and connections T. 29 N., R. 5 W.	M. C. L.	M. C. L. 11 72 56	M. C. L. 39 40 46
508	do	Irving Worthington.	Exteriors, subdivisions, and meanders T. 29 N., R. 23.			
509	1897. Jan. 7	Galbraith & Ober	Exteriors, subdivisions, and meanders Ts. 38 and 39 N., R. 6 E. and fractional T. 39 N., R. 5 E.			
510	do	Moses M. Emerson	Exteriors, subdivisions, and meanders Ts. 31 and 32 N., R. 22 E.			
512	do	Thian & Bennison	Exteriors, subdivisions, and meanders T. 24 N., Rs. 9 and 10 E.; T. 30 N., R. 10 E.			
513	do	Dudley, S. B., and John D. Henry.	South fractional east boundary, subdivisions, meanders, and connections T. 15 N., R. 3 E.		8 00 45	59 67 7
514	do	Alfred S. Ruth	Fractional subdivisions and connections T. 17 N., R. 5 E. Exteriors and subdivisions T. 15 N., R. 15 E.; subdivisions T. 15 N., R. 16 E.			4 02 6
515	do	Oliver O. Ort	Exteriors and subdivisions of fractional T. 12 N., Rs. 6 and 7 E.; T. 23 N., Rs. 10, 10½, and 11 W.			
517	do	Lewis D. W. Shelton.	Subdivisions fractional T. 30 N., R. 13 W.			
518	Mar. 24	Isaac M. Galbraith	North boundary and subdivisions T. 37 N., R. 40 E., and subdivisions T. 38 N., R. 40 E.			
519	Jan. 7	McPherson & Wycher.	Fractional north boundary, subdivisions, and meanders T. 38 N., R. 39 E.; south and east boundaries and subdivisions T. 39 N., R. 41 E.			
520	do	Jacob Richardson	Fractional subdivisions, meanders, and connections T. 21 N., R. 14 E.			12 36 40
521	do	Edward B. Dobbs	North and south fractional east boundary, subdivisions, and connections T. 34 N., R. 41 E.		14 79 87	59 36 47
522	do	do	Fractional subdivisions T. 7 N., R. 44 E.			
523	do	McQuinn & Hardenbrook.	Exteriors, subdivisions, and meanders T. 6 N., Rs. 44 and 45 E.; fractional T. 7 N., R. 44 E.			
524	Feb. 6	Alvin Bystrom	Exteriors and subdivisions fractional T. 7 N., R. 45 E.; Ts. 6 and 7 N., Rs. 46 and 47 E.			
525	Feb. 27	Lew A. Wilson	Exteriors and subdivisions Ts. 9 and 10 N., R. 4 E.			

closed at date of last annual report—Continued.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Meander.	Connections.	Total.		Original.	Land office.	Local office.	Total.		
M. C. L.	M. C. L.	M. C. L.	13,607.82	2	2	1	5	\$1,057.52	Surveys being examined in the field; returns in office being platted.
-----	0 22 43	51 55 45							
								1,200.00	Do.
								3,150.00	Deputies in the field.
								3,908.50	Surveys being examined in the field; returns in office being platted.
								4,000.00	Reported for examination Apr. 5, 1898; returns in office being platted.
1 69 69	0 27 41	70 4 62	23,011.06	2	2	1	5	} 1,502.22	Survey accepted Apr. 14, 1898; contract closed.
-----	0 24 0	4 26 6	2,107.56	1	1	1	3		
								2,700.00	Returns in office; survey reported for examination Nov. 5, 1897, and April 5, 1898, no notice of examination having been made.
								2,872.00	Deputy in the field; returns of T. 12 N., R. 6 E., received June 30, 1898.
								500.00	Survey being examined in the field by special agent.
								2,500.00	Deputies waiting acceptance of adjoining surveys in contract No. 494.
								2,850.00	Returns in office; survey reported for examination June 20, 1898.
3 68 99	0 23 0	16 48 39	2,713.52	1	1	1	3	} 1,885.72	Survey reported for examination in the field Sept. 16, 1897; complete returns to General Land Office May 24, 1898; no report whether examination has been made.
-----	0 3 62	74 39 96	22,042.96	2	2	1	5		
								480.00	Payable from deposits by individuals; survey being examined in the field.
								1,800.00	Surveys being examined in the field; returns in office being platted.
								1,831.00	Field notes returned to deputies for correction.
								3,080.00	Payable from deposits made by the State of Washington; surveys reported for examination Dec. 31, 1897; returns in office.
								1,476.00	Payable from deposits made by the State of Washington; time in which to complete survey extended to Aug. 31, 1898.

A.—Statement showing condition of contracts not

No.	Date.	Deputy.	Character and location of work.	Miles surveyed.		
				Stand-ard.	Town-ship.	Section.
526	1897. Feb. 27	Robert F. Whitham.	Exteriors and subdivisions T. 26 N., R. 13 E.	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>
527	...do...	Galbraith & Ober...	Exteriors and subdivisions T. 30 N., R. 7 E.			
528	Apr. 3	Charles H. Fenner ..	Subdivisions and meanders T. 27 N., R. 17 E.			
529	May 12	Robert F. Whitham.	Fifth standard north through Rs. 12 and 13 E.; exteriors and subdivisions T. 20 N., Rs. 8 and 13 E.			
530	...do...	Bystrom & Lane ...	Exteriors and subdivisions T. 13 N., R. 7 E.			
(a)	May 5	Alfred S. Ruth	Resurvey of subdivision lines, part of sec. 6, and frac- tional southeast boundary Quinaelt Indian Reserva- tion. T. 20 N., R. 11 W.			3 18 51
(a)	June 5	Lewis D. W. Shelton.	North and south part of west boundaries; Washington and Idaho boundary, subdivi- sions, meanders, and connec- tions fractional T. 25 N., R. 46 E.		3 65 81	1 25 79
			North part of west boundary, subdivisions, and connec- tions T. 26 N., R. 46 E.		2 22 84	1 29 09
		Total.....	.....	107 43 44	569 1 86	2,613 76 9

a Special instructions.

closed at date of last annual report—Continued.

Miles surveyed.			Acreage.	Plats made.				Liability.	Remarks.
Mean-der.	Connec-tions.	Total.		Original.	Land office.	Local office.	Total.		
<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>							
								\$1,683.00	Payable from deposits made by the State of Washington; survey reported for examination Aug. 30, 1897, and Apr. 5, 1898; returns in office.
								1,614.00	Payable from deposits made by the State of Washington; deputies in the field.
								1,200.00	Payable from deposits made by the State of Washington; returns in office; survey reported for examination Dec. 31, 1897, and Apr. 5, 1898.
								2,860.00	Returns in office; survey reported for examination Aug. 31, 1897; data sent examiner Sept. 11, 1897; survey again reported for examination Apr. 5, 1898; no report of examination having been made.
								1,914.00	Payable from deposits made by the State of Washington; contract canceled Oct. 23, 1897, as the township is in the Mount Rainier Forest Reserve; deposit returned to State Nov. 26, 1897.
		3 18 51		1	1	1	3	64.64	Survey accepted Sept. 14, 1897.
0 49 20	1 58 69	7 39 49	1,005.71	2	2	1	5	148.50	Returns to General Land Office Apr. 16, 1898; surveys being examined in the field.
	1 1 35	4 54 18	1,052.66	1	1	1	3		
245 17 48	37 35 80	3,573 14 67	914,700.37	98	106	61	265		

474 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

B.—Contracts awarded under the apportionment of \$42,000 to the State of Washington of the appropriation for the survey of public lands for the fiscal year ending June 30, 1898.

No.	Date.	Deputy.	Character and location of work.	Liability.
(a)	1897. July 9	James L. McPherson and Thomas J. Wyche.	Resurvey of southeast and fractional west boundaries T. 38 N., R. 39 E., and west boundary T. 39 N., R. 41 E.	b \$506
(a)	July 28	Isaac M. Galbraith and Ralph H. Ober.	Resurvey of fractional east boundary and subdivisions T. 24 N., R. E.	b 283
531	Aug. 10	Dudley, S. B., and John D. Henry.	Fractional subdivisional lines T. 12 N., R. 6 W.	700
(a)	Aug. 19	Charles H. Fenner...	Resurvey of exterior lines T. 27 N., R. 17 E.	b 529
532	Aug. 23	Lewis D. W. Shelton.	The boundaries, standard, township, subdivisional, and meander lines of the Makah Indian Reservation.	c 2,500
533	Oct. 1	James L. McPherson and Thomas J. Wyche.	Subdivisional and meander lines fractional T. 39 N., R. 39 E.	600
(a)	Dec. 1	do	Fractional east boundary T. 39 N., R. 39 E.	b 81
534	Oct. 1	Martinius Stixsud and Christopher Nasten.	Resurvey of south and west boundaries, subdivisions, and meanders, and survey of settlers' claims filed upon in T. 27 N., R. 21 E.	b 2,386
535	Dec. 24	Christian Andersen.	North fractional east boundary subdivisions and meanders T. 34 N., R. 26 E., and southeast and west boundaries, subdivisions, and meanders T. 36 N., R. 26 E., lying west of the Okanogan River.	3,000
536	Sept. 4	Lewis D. W. Shelton.	East boundary and subdivisions T. 33 N., R. 41 E., and south and east boundaries and subdivisions T. 40 N., R. 42 E.	2,814
537	1898. Feb. 1	John R. Hansen	Subdivisional and meander lines T. 36 N., R. 25 E.	1,350
538	Jan. 15	Martinius Stixsud and Christopher Nasten.	Subdivisions T. 31 N., R. 24 E., and T. 37 N., R. 26 E., north boundary and subdivisions T. 39 N., R. 26 E.	3,876
(a)	Mar. 5	do	East boundary T. 37 N., R. 26 E.	138
(a)	Apr. 22	do	North boundary T. 31 N., R. 24 E.	140
539	Feb. 24	Dudley, S. B., and John D. Henry.	Second standard parallel north through R. 43 E., and west boundary and subdivisions T. 9 N., R. 43 E.	1,300
540	Apr. 8	Emery J. Hermans.	Subdivisional and meander lines T. 28 N., R. 23 E.	1,600
541	do	Edward B. Dobbs	Ts. 6 and 7 N., R. 43 E. (contract canceled June 20; deputy enlisted for the war and failed to execute bond).	1,880
542	Apr. 11	Martinius Stixsud and George J. Gardiner.	Subdivisions T. 32 N., R. 24 E., south and west boundaries and subdivisions T. 35 N., R. 24 E.	2,676
543	Apr. 5	Robert F. Whitham.	Subdivisions and meanders T. 26 N., R. 17 E., subdivisions T. 31 N., R. 38 E.	2,850
544	June 13	Charles H. Fenner	Subdivisions and meanders T. 28 N., R. 37 E.	d 730
545	do	Charles H. Fenner and Elwood G. Hunt.	North boundary T. 38 N., R. 42 E., and exterior, subdivisions, and meanders T. 38 N., R. 43 E.	2,390

^a Special instructions.

^b Payable from the appropriation of \$15,000 for resurveys, act of June 4, 1897.. \$3,785

^c Payable from the appropriation for the survey of Indian allotments, act of 1887..... 2,500

^d Payable from the appropriation of \$100,000 for the survey of public lands within the limits of land grants made by Congress for the construction of railroads, act of Mar. 2, 1895..... 730

Estimated liability of contracts payable from the apportionment of \$42,000 to the State of Washington of the appropriation for the survey of public lands for the fiscal year ending June 30, 1898..... 25,314

32,329

REPORT OF THE SURVEYOR-GENERAL OF WYOMING.

UNITED STATES SURVEYOR-GENERAL'S OFFICE,
Cheyenne, Wyo., July 1, 1898.

SIR: In compliance with your circular letter E, dated April 29, 1898, I have the honor to submit herewith my annual report, in duplicate, of the surveying operations in the district of Wyoming for the fiscal year ending June 30, 1898, with tabular statements as follows, viz:

- A.—Statement of condition of contracts not closed at date of last annual report.
- B.—Statement of contracts let which are payable from allotments under act of 1887, reimbursable.
- C.—Statement of contracts let under appropriation act of June 4, 1897, for the fiscal year ending June 30, 1898, for the survey of abandoned military reservations.
- D.—Statement of contracts let under regular appropriation for public surveys for the fiscal year ending June 30, 1898.
- E.—Statement of mineral surveys platted and transcribed, and of deposits made by individuals for office work on mineral surveys.
- F.—Statement of receipts and expenditures of the office—salaries and contingent expenses.
- G.—Statement of office work performed.

SPECIAL DEPOSITS.

There were no special deposits for the survey of public lands in the district during the fiscal year.

The aggregate number of miles surveyed in this district during the fiscal year, the field notes of which have been approved by this office, under contracts Nos. 260, 261, 262, 265, and 266, is as follows:

	Measurements.	
	<i>Miles.</i>	<i>Chs.</i>
Standard and meridian lines.....	148	11.89
Township lines.....	333	58.48
Section and connecting lines.....	1,851	55.33
Meander lines.....	12	.45
Total.....	2,345	46.15

Total number of acres embraced in township surveys during the fiscal year, 693,956.11.

Under authority of letter A, December 15, 1897, I sold one lot of damaged carpets, the proceeds of which, amounting to \$10, were deposited in the First National Bank, of Denver, Colo., to the credit of the United States Treasurer.

Very respectfully,

ALPHEUS P. HANSON,
United States Surveyor-General.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

476 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

A.—Statement of condition of contracts not closed at date of last annual report.

No.	Date.	Deputy.	Remarks.
256	1895. Mar. 7	Avery T. Holmes....	The deputy has recently filed his notes on this contract in this office, and same are being examined.
258	May 21	James M. Hoge.....	Deputy under authority of your letter E, May 26, 1898, granted extension of time until Dec. 31, 1898, to complete his contract.
262	1896. May 23	John Hunton	The field notes of the last township of this contract now in this office, but not yet reached for examination.
263	do	B. A. Hart	A part of the notes formerly returned to the deputy for correction have been filed for examination. The bondsmen have notified this office that all will be returned soon.
265	1897. Apr. 8	Edward F. Stahle...	Returns forwarded to the General Land Office on Jan. 27, 1898, and approved by the Commissioner Feb. 8, 1898, and account closed.
266	Apr. 23	J. Frank Werner....	Returns, except as to T. 40 N., Rs. 89 and 90 W. (see Commissioner's letter of Mar. 25, 1898, authorizing award of these townships in another contract), forwarded to the General Land Office June 4, 1898.
266 A	June 30	Howard B. Carpenter.	The deputy is now in the field prosecuting the surveys under this contract.

B.—Contract payable under allotments under act of 1887 reimbursable.

No.	Date.	Surveyor.	Description of surveys.	Estimated liability.
268	1898. Mar. 28	Edward F. Stahle and C. Edward Artist.	The Wind River base line from corner of secs. 3, 4, 33, and 34, Ts. 1 N. and 1 S., R. 2 W., west 9 miles; also from the corner of Ts. 1 N. and 1 S., Rs. 4 and 5 E., east 6 miles. The Wind River meridian from the corner of Ts. 3 and 4 N., north to its intersection with the right bank of Owl Creek. The first standard parallel north through Shoshone Indian Reservation; also through R. 6 E. to the east boundary of the Shoshone Indian Reservation. The second standard parallel north in Rs. 1 and 2 E. The first guide meridian west from the corner of Ts. 1 and 2 N., Rs. 4 and 5 W., north to the corner of Ts. 5 and 6 N., Rs. 4 and 5 W. The unsurveyed exterior and subdivision lines of T. 8 N., Rs. 1 and 2 E.; T. 7 N., R. 6 E.; T. 4 N., R. 6 E.; T. 2 N., R. 6 E.; T. 1 N., Rs. 2, 3, 4, and 5 E.; T. 1 S., R. 3 E.; Ts. 1 and 2 N., R. 2 W.; Ts. 1 S. and 1 N., R. 2 W.; Ts. 1 and 2 N., R. 3 W.; Ts. 2, 3, 4, and 5 N., R. 4 W.; Ts. 4 and 5 N., R. 5 W.; T. 5 N., R. 6 W.	\$9,800

C.—Contract let under appropriation act of June 4, 1897, for survey of abandoned military reservations for the fiscal year ending June 30, 1898.

No.	Date.	Surveyor.	Description of surveys.	Estimated liability.
267	1897. Oct. 25	Levi D. Wiest	The exterior and subdivisional lines of fractional Ts. 50 and 51 N., Rs. 82 and 83 W., Fort McKinney Military and Wood Reservation; the subdivisional lines in Depot McKinney, in T. 44 N., R. 78 W.	\$500

D.—*Contracts let under regular appropriation for public surveys for the fiscal year ending June 30, 1898.*

No	Date.	Surveyor.	Description of surveys.	Estimated liability.
269	1898. May 16	J. Frank Warner and Fred W. Fink.	The eleventh standard parallel north through Rs. 106 to 109, inclusive; the west boundaries of T. 44 N., Rs. 106, 107, 108, and 109 W.; the west and north boundaries of T. 45 N., Rs. 106, 106, 107, 108, and 109; the subdivisional lines in Ts. 44 and 45 N., Rs. 105 to 109, inclusive.	\$12,000
270	....do....	Augustus L. Coleman.	The unsurveyed subdivisional lines in full, and fractional Ts. 43 and 44 N., Rs. 102, 103, and 104 W.; fractional T. 43 N., Rs. 105, 106, 107, and 108 W., and fractional T. 41 N., R. 106 W.	6,900
271	June 8	Wm. M. Gilcrest and George B. McClellan.	The subdivisional lines in T. 17 N., Rs. 79 and 81 W.; T. 16 N., R. 79 W.; Ts. 12, 13, 14, 15, and 16 N., R. 80 W.; Ts. 15 and 16 N., R. 81 W.; T. 13 N., R. 83 W.; fractional T. 14 N., 81 W.; 12 and 13 N., R. 82 W.; 12 and 14 N., R. 83 W.; and 12 N., R. 84 W.	7,000

E.—*Mineral surveys platted and transcribed and deposits made by individuals for office work on mineral surveys.*

No.	Surveyor.	Name of lodes.	Date of register's receipt.
74	Frank S. Peck	January and Blacktail lodes.....	Sept. 20, 1892
75	do	Vanderbilt, London, Continental, Napoleon, and Little Hughie lodes.....	Sept. 20, 1897
76	Wm. O. Owen	Fair God, Saratoga, De Soto, Bloody Spaniard, and Ben Hur placer claims.....	Dec. 15, 1897
77	do	Vesuvius Lode.....	Feb. 5, 1898
78	do	Elizzie Lode.....	do

DEPOSITS.

Date.	Depositor.	No.	Where deposited.	Amount.
Nov. 15, 1897	J. H. Mullinson	7035	First National Bank, Denver, Colo.	\$50
Dec. 15, 1897	Otto Gramm	7182	do	25
Dec. 29, 1897	Orlando Tefft	7184	do	25
May 23, 1898	Gold Exploiting Co	7723	do	60
May 23, 1898	Otto Gramm	7806	do	25
June 13, 1898	E. H. Foust.....	7879	do	115
	Total			300

F.—*The United States in account with the surveyor-general for Wyoming for the fiscal year 1897-98.*

1897-98.		SALARIES.	
July 1.	By appropriation		\$8,300.00
1898.	June 30.	To salary of surveyor-general	2,000.00
	June 30.	To salaries of clerks	5,027.79
	June 30.	To balance	1,272.21
1897.		CONTINGENT EXPENSES.	
July 1.	By appropriation		\$1,200.00
1898.	June 30.	To office rent	360.00
	June 30.	To salary of janitor	122.50
	June 30.	To incidental expenses	373.66
	June 30.	To balance	343.84

G.—*Office work performed.*

Number of transcripts made	49
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