

## REPORT

OF THE

## COMMISSIONER OF THE GENERAL LAND OFFICE.

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GENERAL LAND OFFICE,  
*November 29, 1860.*

SIR: During the past year the operations of the land system have extended by direct administrative action within the limits of all the political divisions embracing the public domain, to wit: Ohio, Indiana, Michigan, Illinois, Wisconsin, Iowa, California, Oregon, Minnesota, Florida, Alabama, Mississippi, Louisiana, Arkansas, Missouri, and to the Territories of Kansas, Nebraska, Minnesota, (known as Dacotah,) Washington, New Mexico, and Utah.

Our correspondence has passed those limits, having extended within all the other members of the Confederacy where non-resident claimants hold interests, requiring adjustment under bounty land grants for services in the war of the revolution, in the last war with Great Britain, the war with Mexico, with Indian tribes, under foreign titles, and under other grants in great diversity.

Of the 3,250,000 of square miles which constitute the territorial extent of the Union, the public lands embrace an area of 2,265,625 square miles, or 1,450,000,000 of acres, being more than two thirds of our geographical extent, and nearly three times as large as the United States at the ratification of the definitive treaty of peace in 1783 with Great Britain. This empire domain extends from the northern line of Texas, the Gulf of Mexico, reaching to the Atlantic ocean, north-westerly to the Canada line bordering upon the great lakes Erie, Huron, Michigan, and Superior, extending westward to the Pacific ocean, with Puget's Sound on the north, the Mediterranean sea of our extreme northwestern possessions.

It includes fifteen sovereignties known as the "Land States," and an extent of territory sufficient for thirty-two additional, each equal to the great central land State of Ohio.

It embraces soils capable of abundant yield of the rich productions of the tropics, of sugar, cotton, rice, tobacco, corn, and the grape, the vintage, now a staple, particularly so of California; of the great cereals, wheat and corn, in the western, northwestern, and Pacific States, and in that vast interior region from the valley of the Mississippi river to the Rocky Mountains; and thence to the chain formed by the Sierra Nevada and Cascades, the eastern wall of the Pacific slope, every variety of soil is found revealing its wealth.

Instead of dreary inarable wastes, as supposed in earlier times, the millions of buffalo, elk, deer, mountain sheep, the primitive inhabitants of the soil, fed by the hand of nature, attest its capacity for the abundant support of a dense population through the skillful toil of the agriculturist, dealing with the earth under the guidance of the science of the present age.

Not only is the yield of food for man in this region abundant, but it holds in its bosom the precious metals of gold, silver, with cinnabar, the useful metals of iron, lead, copper, interspersed with immense belts or strata of that propulsive element coal, the source of riches and power, and now the indispensable agent not only for domestic purposes of life, but in the machine shop, the steam car, and steam vessel, quickening the advance of civilization and the permanent settlement of the country, and being the agent of active and constant intercommunication with every part of the republic.

Not a year had elapsed from the definitive treaty of peace in 1783 before the Congress of the Confederation took the initiative for establishing a system for the disposal of the then existing western lands, and on the 20th May, 1785, the requisite ordinance for that purpose was passed by which the Board of Treasury was authorized to dispose of the surveyed lands in the western territory, commencing sales at New York or Philadelphia, with power to adjourn to any part of the United States.

All beyond the present western limits of the States of Pennsylvania, Maryland, Virginia, North and South Carolina, and Georgia was a wilderness, traversed only by the Mobilian Indians, the Uchees, Cherokees, Cheraws, and the Algonquin family, extending from the thirty-fifth parallel to the north of the great lakes, into Canada.

After the more perfect union was formed by the adoption of the Constitution of the United States, which went into operation on the 30th April, 1789, Congress, on the 2d September, 1789, transferred to the Treasury Department the duty of the disposal of the public lands, the patents for the same to be prepared by the State Department.

Thereafter, in 1812, the General Land Office was created, and by the law of 4th July, 1836, and other acts, the Commissioner of the General Land Office, under the direction of the Secretary of the Interior and President of the United States, is clothed with the power of "supervision and control," in regard to the "executive duties" then "prescribed," or which might thereafter "be prescribed by law, appertaining to the surveying and sale of the public lands of the United States, or in any wise respecting such public lands; and, also, such as relate to private claims of lands, and the issuing of patents for all grants of land under the authority of the government of the United States."

The next subject to be considered is the inceptive measures taken in the infancy of the republic, and the progress since made in regard to the survey and disposal of our land inheritance.

Immediately after the inauguration of President Washington, he laid before Congress a report from the Secretary of War acknowledging the Indian right of occupancy, and recognizing the principle of acquiring their claims by purchase for specific consideration, according to the "practice of the late English colonies and government in purchasing

the Indian claims," the rule in that respect laid down in the proclamation of 7th October, 1763, by the King of Great Britain, interdicting purchases of land by private individuals from the Indians, and declaring that, "if at any time any of the said Indians should be inclined to dispose of said lands," the same "shall be purchased only" for the crown, the ultimate dominion and sovereignty being held to reside in the discoverer colonizing upon the continent.

The highest judicial department of our government, in the case of Johnson, lessee, *vs.* McIntosh, (8 Peters' Reports,) has affirmed this as a principle of right now beyond question.

In accordance with this principle, beginning with the treaty of 1795, at Greenville, the Indian title has been extinguished by the United States from the great lakes to the Natchez settlement, taking its name from the tribal relations to the Mexican (*Aztec*) Indians in all the States east of the Mississippi, leaving, however, remnants of tribes, such as the Stockbridges, Brothertown, or Mohegans, individual Creeks and Choc-taws, Pottawatomies, Miamies, and others, who have been invested by act of Congress or treaty with allodial titles. Besides this, the Indian usufruct has been extinguished in the tier of States west of the Mississippi, extending from the Gulf of Mexico to the northern line of Iowa, including the greater portion of the State of Minnesota—about one third of Minnesota (Dacotah) Territory—half of Kansas, one tenth of Nebraska, in Oregon and Washington, east and west of the Cascades; provision having been made there for the concentration and settlement of the Indians in home reservations of limited extent. In California the Indians have not been recognized as holding any specific tracts of country; but have been collected and transferred to reservations set apart for their protection.

In the larger part of New Mexico the great body of the Indians are purely nomadic, excepting those claiming *pueblos* with ascertained limits, and the tribes of the Icarillos, Mezcaleros, Mimbrés, Gila-Apaches, Pimos, and Maricopas, for which limited reservations are proposed. With the Utahs no treaties for the extinction of the Indian title have been made.

Our surveying system began in the tract of country in Ohio, known as the old seven ranges. The surveys were run and established from the Ohio river, as a base line, northward and westward, each township, six miles square, being then as at the present, laid off into thirty-six sections or square miles. As the surveys progressed various improvements were introduced to secure regularity and convenience of description, by the establishment of base lines, meridians, and standard parallels, through certain permanent natural points, the mouths of rivers, such as the Great Miami, Ohio, Arkansas, St. Francis; and more recently the summits of mountains, as Mount Diablo, San Bernardino, Humboldt in California, the isolated peak 210 feet on the bank of the Rio Grande, in New Mexico, each of these mountain tops overlooking an immense area, and all constituting monuments and witness posts to endure for all time. On these base lines are marked what are denominated the ranges of townships east or west of the principal meridian, corresponding to longitude, whilst the township numbers, north

and south, indicate distances from the base line corresponding to latitude.

This great surveying net-work has extended from State to State and Territory to Territory, half way across the continent in the direction of the Pacific, whilst, starting from the shores of the western ocean, they are rapidly advancing eastward over the surface of California, Oregon, and Washington, and westerly crossing the Snowy mountains and the Cascades, eventually to be interlocked and united with the surveys now stretching west from the valley of the Mississippi.

The field of operations of our land system is exhibited in the following table, showing, first, the territorial extent of each of the elder members of the Confederacy, and also of Texas, which do not embrace public lands, in connection with the States and Territories carved out of and embracing the public domain.

*An exhibit of the area of the several States and Territories of the United States.*

	Square miles.	Acres.	Square miles.	Acres.
<b>STATES OF THE UNION.</b>				
Maine .....	35,000	22,400,000		
New Hampshire .....	9,280	5,939,200		
Vermont .....	10,212	6,535,680		
Massachusetts .....	7,800	4,992,000		
Rhode Island .....	1,306	835,840		
Connecticut .....	4,750	3,040,000		
New York .....	47,000	30,080,000		
New Jersey .....	8,320	5,324,800		
Pennsylvania .....	46,000	29,440,000		
Delaware .....	2,120	1,356,800		
Maryland .....	11,124	7,119,360		
Virginia .....	61,352	39,265,280		
North Carolina .....	50,704	32,450,560		
South Carolina .....	34,000	21,760,000		
Georgia .....	58,000	37,120,000		
Kentucky .....	37,680	24,115,200		
Tennessee .....	45,600	29,184,000		
Texas .....	274,356	175,587,840		
<b>Total .....</b>			<b>744,604</b>	<b>476,546,560</b>
<i>Land States.</i>				
Ohio .....	39,964	25,576,960		
Indiana .....	33,809	21,637,760		
Michigan .....	56,451	36,128,640		
Illinois .....	55,410	35,462,400		
Wisconsin .....	53,924	34,511,360		
Iowa .....	55,045	35,228,800		
California .....	188,981	120,947,840		
Oregon .....	95,274	60,975,360		
Minnesota .....	83,531	53,459,840		
Florida .....	59,268	37,931,520		
Alabama .....	50,722	32,462,080		
Mississippi .....	47,156	30,179,840		
Louisiana .....	41,346	26,461,440		
Arkansas .....	52,198	33,406,720		
Missouri .....	65,350	41,824,000		
<b>Total land States .....</b>			<b>978,429</b>	<b>626,194,560</b>
District of Columbia .....			60	38,400
<b>TERRITORIES EMBRACING PUBLIC LANDS.</b>				
Kansas .....	126,283	80,821,120		
Nebraska .....	342,438	219,160,320		
Minnesota .....	81,960	52,454,400		
Washington .....	193,071	123,565,440		
New Mexico .....	256,309	164,037,760		
Utah .....	220,196	140,925,440		
Indian .....	67,020	42,892,800		
<b>Total Territories .....</b>			<b>1,287,277</b>	<b>823,857,280</b>
<b>Total land surface .....</b>			<b>3,010,370</b>	<b>1,926,636,800</b>

To which added water surface, lakes, rivers, &c., we have a surface of over 3,250,000 square miles. The aggregate area of the land States and Territories is upwards of 1,450,000,000 acres

In the work of surveying extension in the land States and Territories mentioned in the foregoing exhibit, the tracing of the great meridians and base lines, and establishing enduring monuments, require the highest professional skill, because upon these lines are closed and perpetuated the township lines, the whole frame work of the system.

Principal and guide meridians have been run and established to the extent of.....	7,039 miles.
Base lines, to the extent of.....	4,819 "
Making an aggregate of.....	<u>11,858 miles.</u>

The other lines of the public surveys, township and subdivisional, from the commencement of operations to the present period have been extended over 689,169 miles; equal to 441,067,915 acres.

The surveys have been completed in Ohio, Indiana, Illinois, Alabama, Mississippi, Michigan, Arkansas, and Iowa, and nearly so in Missouri, Louisiana, and Florida, excepting, in the last named, the "Everglades," in the southern peninsula.

The details of the number of miles and acres surveyed in each department during the year ending September 30, 1860, are exhibited in an accompanying statement.

The work has been coextensive with the funds appropriated, and includes public lands, confirmed private claims, Indian reservations, and boundaries between States and Territories. During that period there have been returned surveys equal to 36,388 lineal miles, or an area of 11,680,419.92 acres.

The existing machinery is divided into eleven surveying departments. Its *personnel* consisted during the last year of eleven surveyors general, eighty-five employés, 100 deputy surveyors, having 400 assistants in the capacities of compass men, chain men, flag men, ax men, and teamsters.

The surveying archives of Ohio, Indiana, Michigan, Alabama, and Mississippi have long since been delivered over to those States pursuant to law. The archives for Illinois and Arkansas, where the surveys are completed, may be transferred to the State authorities whenever the legislatures of those States shall have passed acts of acceptance, as required by the laws of Congress of January 12, 1840, and January 22, 1853. In the case of Missouri, Louisiana, Florida, and Iowa, the surveying machinery is in progress of being wound up; the transfer in like manner is proposed when the legislatures of those States shall have passed the prerequisite acts of acceptance.

The fragmentary work which may remain in any of those States after the surveying department is closed within their limits, such as surveys of private claims, islands, or interstitial parcels of the public land, can at any time hereafter be executed through the instrumentality of the General Land Office, in virtue of the powers conferred upon the Commissioner by the acts of Congress for that purpose.

*Missouri.*—Having the object in view of an early closing of his office, the surveyor general has been instructed to direct his force with diligence and energy to the complete protraction triplicate

of all field notes of townships, or of surveys of parcels of land not yet reduced to plats, then to have all allotments of the school lands, under the acts of Congress of 1812, 1824, and 1831, brought to a termination; to have disputed questions of confirmed locations promptly settled and platted, with any other cases of confirmed titles.

*Louisiana.*—The existing contracts for surveys are all required to be executed before the 30th June next. The field work, therefore, in this State may be regarded as nearly completed, excepting the New Orleans township, for which, with its exterior relations of private titles and swamp, the surveyor general has recommended an appropriation of \$3,000. (The item has heretofore been brought to the attention of Congress, is desirable, and is recommended; yet this particular service need not delay the closing of that surveying department, because the work can hereafter be done, under the orders of this office, whenever authority shall be given by Congress for its execution at the requisite augmented rates.

The field work of past years has been pressed with greater speed than the office work of the Louisiana surveying department, and hence a large accumulation of desk labor exists. The surveyor general has been instructed to bring up the arrears, looking to the eventual transfer of the archives to the State. The estimates submitted have in view the closing of the surveying department in the two states—Missouri and Louisiana—dispensing with the chief officers there as soon as the public interest will allow, and completing transcripts by direct authority from this office out of the means anticipated pursuant to the estimates presented; those means to be applied in the most effectual manner to the end contemplated.

In Florida the field operations were carried on along the Atlantic coast east of Indian river, and in the vicinity of Merritt's Island; also east and west of the Okeechobee lake, and in the neighborhood of Carlosahatchee river. The estimates submitted are for subdivisional work of certain arable lands, about twenty townships, equal to 460,800 acres, situated north of Carlosahatchee river, and west of Okeechobee lake. In addition to this, the surveyor general recommends the extension of township lines over a region of country south of Carlosahatchee in latitude  $26^{\circ} 30'$ , and north of the everglades, on the ground of the existence of extensive bodies of land not falling within the swamp grant; but the information in our possession does not satisfy us of the present necessity of this work, which would require augmented rates, and may be done at any future period when circumstances may render it desirable.

The question of the true boundary between Florida and Georgia is one of long standing, and should be promptly settled. The commissioners appointed under the act of Congress of May 4, 1826, having disagreed as to the true source of St. Mary's river, the boundary has never been since finally determined, Georgia insisting that Ellicot's mound, established in 1800 at the source of that river, was not at the real source of the river; and in 1829 the State applied to Congress for authority to run and mark the boundary according to the true intent and meaning of the treaty of 1795 with Spain, but nothing further in respect to the determination of that line has since been ordered by

Congress. Ellicot's mound and the initial point of the boundary at the mouth of Flint river were connected by actual measurement in a direct line as early as 1825, by the United States surveyor general, and the public surveys in Florida have been closed thereon.

The failure of the commissioners, by disagreement, to carry out the provisions of the said act of 1826 having, as stated, left the question as to the true boundary unsettled, the provisions of the recent act of Congress, approved April 13, 1860, "to settle the titles to lands along the boundary line between the States of Florida and Georgia," cannot properly be carried out in settling the coterminous private rights of the people in Georgia and Florida until final adjustment of the boundary is had pursuant to further legislation of Congress.

*Kansas—Nebraska.*—The surveyor general reports that the surveying service has progressed during the last year to the extent of the appropriations. The returns of the field work consisting, in Kansas, of 5,746 miles, township and subdivisional work, principally New York Indian lands; and in Nebraska, 3,619 miles, on the Missouri river, near the confluence of the Neobrarah and Missouri rivers, and on the Platte river near Fort Kearney, and on the head waters of the Big Blue river.

In this surveying department thirty-three township plats for Kansas have been prepared and sent to local land offices,	
for an area of.....	760,981.05 acres.
The plats previously reported embracing.....	11,325,334.95 "

Making plats duly returned for a total area in Kansas of.....	12,086,316.00 "
Thirty-eight township plats for Nebraska have been prepared during the past year, and transmitted for an area of.....	763,077.85 acres.
Plats previously reported for..	8.652.597.79 "

Making plats returned for a surface of.....	9,415,675.64 "
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Constituting an aggregate of surveyed and platted land in Kansas and Nebraska of.....	21,501,991.64 "
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*Surveys applied for at the foot of the Rocky Mountains.*—Representations have been made to this office that the region of country particularly on the eastern slope of the mountains, or the South Platte gold region, is interspersed with numerous valleys of small extent, yet, in the aggregate, of a sufficient area to sustain a large population—the soil being of a productive character. It is reported that the lands at the head of South Platte and its tributaries, which have already been settled upon and cultivated, extend about 100 miles along the Rocky Mountains from north to south, and twenty-five to fifty miles from west to east, embracing many towns, among which are Denver, Auraria, Golden City, Arrapahoe, Colorado, Mountain City, Russellville, Huntsville, and others. It is further stated



that the country down the Platte river is very fine, and the valley on each side contains bottom lands from one to three miles in width, yielding the finest grass, being settled by farmers as far as Fremont's orchard, about 100 miles east in the direct line of the Rocky Mountains; and garden farms are being cultivated to a considerable extent.

The surveyor general, in submitting estimates for the service for the year ending June 30, 1862, suggests the extension of the public surveys in that direction, and should the Indian title to the lands in that region of country be extinguished, the wishes of distant settlers and miners might be gratified by affording facilities for the acquisition of title to surveyed lands, so much desired by those pursuing agricultural avocations, and who may be enabled to purchase with the means realized from the sale of products in a ready market in mining communities.

The base line, being the boundary between Kansas and Nebraska, having been extended during the last year to the summit of the Rocky Mountains, affords facilities for the surveying of any portions of this surveying district, and as soon as the title to the Indian land is extinguished, the wants of the actual settlers dispersed throughout the wide extent of the Territories of Kansas and Nebraska, may be readily satisfied.

The base line, just referred to, governing the public surveys in Kansas and Nebraska, had been established in former years for the distance of 204 miles west from the Missouri river on the fortieth degree of north latitude to the intersection point of the second guide meridian west with that parallel. This line is not only the standard from which surveys in Nebraska start, and in Kansas count, but being reported as surveyed and marked on the latitude aforesaid, it will serve as the line of demarkation between those two Territories, separating their jurisdiction.

With the view to acquiring accurate information as to the character of the lands, together with the political considerations requiring tangible boundary, separating Kansas from Nebraska, the extension of the base line was ordered by you, and accomplished during the last year to the extent of 345 miles and  $29\frac{4}{100}$  chains, the terminating point being on the summit of the Rocky Mountains, designated by a towering granite rock, presenting an acute top, affording no eligible place for the erection of any conspicuous artificial monument thereon, this point being 549 miles and  $29\frac{4}{100}$  chains west of the initial monument erected on the Missouri river.

The surveyors represent considerable settlements along the eastern slope of the Rocky Mountains, and on the 10th of September, 1859, report "the base line as completed from the initial point on the west or right bank of Missouri river, to its point of intersection with the east boundary of Utah, said boundary line being on the summit of the Rocky Mountains;" that, "following its meanderings, the entire length of the line between the above point, as laid down by measurement, is 549 miles and  $29\frac{4}{100}$  chains; making  $10^{\circ} 21' 16''$  of longitude  $53\frac{5}{100}$  miles, being a degree of longitude on the fortieth parallel of latitude. The initial point on the Missouri river being  $95^{\circ} 15' 43'$

added to  $10^{\circ} 21' 16''$ , makes, for the closing point on the Utah line, as above described,  $105^{\circ} 36' 59''$  west of Greenwich."

The surveyor general has entered into contracts for the present fiscal year to the extent of the appropriation, (\$20,000.) The field operations in Kansas being on both sides of Arkansas river, in the southern part of the Territory, adjoining the Osage reservation; in Nebraska, east of and about twenty-five miles from Fort Kearney; also in the region east of the Pawnee reserve, in the valley of the Loup Fork of the Platte river.

The extension of the public surveys in Kansas for the next fiscal year, as recommended by the surveyor general, is, in the opinion of this office, much larger than the service requires. His estimates have accordingly been restricted in view of the great extent of surveyed lands already subject to preëmption and open to entry at private sale.

*Wisconsin.*—In the country lying in Marathon and Oconto counties, east of Wisconsin river, there have been surveyed township exteriors equal to 318 miles, and subdivisions amounting to 1,354 miles. In the region near the sources of St. Croix, Burnt Wood, and Bad rivers, in La Pointe county, 503 miles of township and subdivision lines have been established.

The surveyor general has contracted for the survey of fourteen townships east of Wisconsin river, in the vicinity of Beaulieux rapids, and west of the line separating Oconto from Marathon county, this portion demanding priority in survey on account of the existence of valuable timber, with soil suitable for settlement.

Contracts also have been made for the extension of township surveys in the region between Lake Flambeau and Wisconsin river, extending north to the boundary of Michigan. About six townships, well timbered, at the head of the Wisconsin and Brulé rivers, and Lac Vieux desert, will be subdivided. Contracts have also been made for the subdivision of six townships—three on Bad river, emptying into Lake Superior, south of Madeline Island, and the remainder adjoining the western boundary of Wisconsin, near St. Louis river.

In this part of Wisconsin there remain only eleven townships to be subdivided to complete the surveys in that part of the State, including those falling within the reservation for the La Pointe and other Indians, under the second clause of the second article of the treaty of September 30, 1854, with the Chippewas of Lake Superior, situated west of the mouth of Montreal river, and in the valley of Bad river. The office work in this surveying district has been dispatched with commendable activity.

*Iowa.*—There have been run in the northwestern portion of this State, during the past year, 994 miles of subdivisive work—leaving to complete the whole State but two townships under survey, with some small islands in navigable lakes and rivers; also isolated tracts, which were covered with water when former surveys were executed. The transcription of the land archives for Iowa, it is proposed to press forward to the full extent of means at command, in order to be able to transfer those archives to the State authorities before the close of the ensuing fiscal year.

*Territory of Minnesota,* (known as Dacotah,) west of Minnesota and

Iowa.—The surveys in this Territory have advanced, under the superintendence of the surveyor general of Wisconsin and Iowa, whose office is at Dubuque. The fifth principal meridian, which controls the surveys in Arkansas, Missouri, Iowa, and the *State* of Minnesota, governs also the extension of the lines of the public surveys in this Territory. Since the last annual report, the returns of surveys in the country on both sides of the Big Sioux river, west of the State of Minnesota, have been made, amounting to 335 lineal miles of township exteriors; and there has been subdivided one township, in which Sioux Falls City is situated, embracing portions of the land falling within Root river land district, organized in the former Territory, now State of Minnesota. The remainder of the township (101 north, range 49 west) lying west of Big Sioux river is not within any organized land district. The work in this Territory consists of township and subdivisional surveys, to be made south of the forty-third degree of latitude, west of the Big Sioux, north of the Missouri, and east of the Yancton reservation, embracing the valleys of Big Sioux, Missouri, Vermillion, and James rivers. The subdivisional work, not exceeding three full townships, is to cover such localities as may fall within claims provided for in the seventh article of the treaty of April 19, 1858, with the Yancton tribe of Indians. As there exists no land district in this Territory, except for that portion lying east of Big Sioux river, north of township 100 north, and east of the treaty line with the See-see-toan and Wah-pay-toan bands of Dacotah or Sioux Indians of July 23, 1851, the necessity for prompt legislation is suggested for the organization of a land district for the present Territory of Minnesota.

*State of Minnesota*, (separate surveying district.)—The whole area surveyed within the limits of this State is 20,969,890 acres, equal to 32,765 square miles, seven-eighths of which are reported to be good land.

Since the establishment, on May 23, 1857, of the surveyor general's office at St. Paul's, as the seat of a separate district, 6,249,772 acres have been surveyed, 995,735 of which were completed during the last year.

Contracts for 276,480 acres, north and east of Otter-tail Lake, and east of Mille Lacs, have been made.

Plats for 226 townships, with 135 lists descriptive of soil, have been sent to the proper officers, and transcripts of field notes and records for the district and General Land Office have been prepared during the last year to the extent of 18,841 pages.

In our last annual report the completion was reported of the greater portion of the survey of the western boundary of Minnesota, lying between the southern extremity of Big Stone Lake and the northern boundary of Iowa, on a due south course for the distance of 124 miles, and that measures had been taken for the testing of the accuracy of its establishment in the field. During the past year the remaining portion of the boundary between the Iron Monuments, at the heads of Lakes Travers and Big Stone, distant four miles, twenty-nine chains, and forty-three links, has been completed; returns made to this office, and after testing the accuracy of the work in the field, the same has been accepted and payment in full made.

*California.*—During the past year, 4,386 lineal miles have been surveyed, embracing an area of 865,669 acres. The greater portion of the appropriation for this district was allotted for the survey of confirmed private claims, 193 in number, resting upon Mexican grants, reserving a small sum for the surveys and connections of the lines of the contiguous public lands.

A map herewith, which accompanied the surveyor general's report, exhibits in a handsome and distinct manner the public lands, and, in connection therewith, the location of 343 private claims and Indian reservations.

From the organization of that surveying district to the present, about 98,750 lineal miles, covering about 28,793,000 acres, have been surveyed.

The surveyor general submits a very large estimate for surveys for the ensuing year, referring to a joint resolution of the State in furtherance of his views; but in consideration of the past extensive operations in that district, and the failure of any considerable receipts from the offering of several millions of acres, it is not deemed necessary by this office to ask for more than the moderate sum indicated in the estimates to be applied to the surveys of confirmed ranchos.

*Oregon.*—The surveying service in this State has been progressing during the last year along Columbia river, embracing settlements in the neighborhood of Fort Dalles, in the valley of Umatilla river, east of the Cascades, and in that portion of the country west of Klamath lake, near the line between Oregon and California, not yet established in the field by actual demarkation.

During the last year, 1,109 miles, embracing 336,684 acres have been surveyed in this district.

Under the provisions of the act of Congress, approved June 25, 1860, "For the survey of the forty-sixth parallel of north latitude so far as it constitutes a common boundary between Oregon and Washington Territory," &c., instructions have been issued to the surveyors general of the conterminous districts upon the subject of the establishment of that parallel of latitude. These officers have been called upon for a preliminary report, so that the best mode of proceeding may be decided upon, both as to the manner of execution, cost of the work, and the *personnel* to be connected with it. Upon the receipt of the requisite report, prompt measures will be ordered for the survey of the boundary. The existence of valuable farming land is reported as adjoining the southern boundary of Oregon, between the Blue Mountains and Klamath lake, and settlers are desirous of having that region surveyed; but this cannot be done until the southern boundary is established.

The recommendation of last year is therefore renewed for authority to trace the forty-second parallel of north latitude from the northeastern corner of the State of California to the Pacific ocean, an estimated distance of 221 miles, so that the township and subdivisional lines of the surveys, both of California and Oregon, may be permanently closed on this common boundary.

Should the requisite appropriation be made, this important work may be commenced as soon as the point of intersection of the forty-

second degree parallel with one hundred and twentieth degree of longitude west of Greenwich is astronomically determined by the commission which has been appointed by the President, under the act of Congress approved 26th May, 1860, to run and mark the eastern boundary line of California, separating it from the territories of the United States.

*Washington Territory.*—Eleven deputy surveyors, under different contracts, have been in the field west of the Cascade mountains, and extending from the neighborhood of Columbia river to near the forty-ninth degree north latitude, the international boundary east and west of the Willamette meridian. The Puget's Sound guide meridian has been extended to the northern boundary of the Territory.

During the last year 2,992 miles of lineal measure have been run, embracing 529,675,69 acres.

The field work now under contract is mainly east of the Cascades.

By the establishment of the standard lines over the valleys north and east of Columbia river, the particular localities of the plateau of Spokane and the little valleys of Snake, Yakama, Klickatlat, and Spokane rivers may be reached by the lines of public surveys from either of the standards recently established whenever the wants of settlers may require, either for agriculture or other purposes. Although the general description of the country traversed by the Columbia guide meridian and the standard parallel does not appear equal to the lands already surveyed west of the Cascades, in point of soil and timber, yet there are particular regions in the valleys of the numerous tributaries of the Columbia river where settlements are increasing, and require the subdivision of lands for their accommodation. Surveyors for that duty have been dispatched to the valleys of Snake, Touchet, Walla-Walla, and Klickatlat rivers.

*New Mexico.*—The surveys in this Territory have been extended during the past year over confirmed private titles equal to 433,479 acres, and public lands for an area of 826,119 acres, equal in all to 2,300 lineal miles; and contracts have been made for the survey of the confirmed claims, embracing the town of Las Vegas, Piños or Gallenas Grant, town of Anton-Chico, of Mora, claims of E. W. Eaton, Alexander Vallé, Donatiano Vigil, and Hugh Stevenson.

The surveyor general reports that great anxiety exists among claimants under the treaty of 1848, at Guadalupe Hidalgo, respecting the survey of such claims as have already been confirmed, but not yet surveyed for want of means, and recommends that a board be established similar to that organized in California for the adjustment of such titles, reporting that on his docket there are more than one thousand claims to be examined and passed upon.

Up to this time there have been surveyed twenty confirmed private claims, under Mexican grants, and the appropriation of \$10,000 by act of Congress, approved June 25, 1860, has been mainly directed to the survey of "*pueblos*" and other confirmed titles by the acts of Congress, approved December 22, 1858, and June 21, 1860.

The policy adopted respecting the survey of claims scattered over a vast extent of the country, requires the surveyor general first to survey such "*pueblo*" and individual *confirmed* claims as now fall within

existing public surveys; then to survey the claims nearest the lines of the public surveys, and to connect them if within six miles, the final closing of the lines of the public surveys thereon to be made after the body of the public surveys shall advance around them.

*Utah.*—Operations in this district have been confined to the examination of surveys executed prior to 1858, under the superintendence of the late surveyor general, against which allegations of fraud had been preferred. The final result has not yet reached here. The whole surveys executed since the organization of the Territory cover 2,510,000 acres, of which plats had been returned here for 2,190,100 acres. The residue, 319,900 acres, had been surveyed by Charles Mogo, under contract, date of March 6, 1857, with the late surveyor general, but owing to the Mormon difficulties in that year, and the departure of the late surveyor general from Utah, they have not been examined and passed upon. In consideration of the large area of the *surveyed* lands in Utah, the absence of provisions of law granting preëmptions, and of the fact that there is no land district yet authorized there, no additional surveys are now recommended by this office.

The surveyor general of Utah, on the 25th April last, reported that unauthorized surveys had been made in Carson River valley on the eastern slope of Sierra Nevada, by county surveyors. Instructions were, thereupon, promptly dispatched to him by this office, which he has carried out, to apprise all concerned of the illegality of any such surveys by unauthorized surveyors, and the penalty prescribed for violation of the law in this respect, and that surveys of lands in the Territory could only be made by the authority of the United States.

He has already given notice to persons claiming mineral lands, coal and lead, under color of territorial legislation, that any such claims are illegal and invalid, being in derogation of the rights of the government, under the Constitution and laws of the United States.

The surveyor general and three clerks, during the last year, have been occupied in the examination of the archives of the surveys heretofore made, which, during the Mormon troubles in Salt Lake City, had been scattered and held in possession by sundry persons. That officer has collected nearly all the papers, and after reorganizing the office proceeded to the completion of transcripts of the surveys; has been engaged in the inspection of the surveys in the field, and in reconnoissances made through some portions of the Territory with the view to ascertaining the character of land most eligible for survey.

These immense fields of the public surveys are marked by regularity, simplicity, and beauty. The traveler passing from the Atlantic States westward will not fail to observe the irregular figures of the rural lands he leaves in contrast with those met with when he touches the eastern line of the western or land States, where the rectangular or public land system prevails so effectively that the least informed may proceed to the identification of any particular subdivision in a given locality with as much certainty as he could identify the number of a building in a block of any of our capital cities.

*The survey of the keys and islands.*—Under acts of Congress and former appropriations for the survey of keys and islands along the coasts of Florida and California, it became requisite to have the keys

and islands surveyed, and connections made with the land marks on the main shores. The usual legal rates in the respective surveying districts were not adequate for the compensation of the land surveyors, owing to the expensive outfits for reaching islands and keys of limited areas distant from the main land. To meet the provisions of the law in the premises, this office therefore availed itself of the aid of the coast survey service under the management of its distinguished superintendent, and, with the approbation of the Secretary of the Treasury, instructions were issued in 1848 to the superintendent of that branch of the public service for the survey of the keys on the coast of Florida and of the islands off the coast of California. Since that time up to the year 1857, the surveys, through the instrumentality of the Superintendent of the Coast Survey, have cost the government but small additional sums beyond the usual appropriations for the service of the Coast Survey proper; and from the period last mentioned up to the present the survey of keys and islands has been continued without special appropriations, the expenses incurred having been met with the funds applicable for the general coast survey service. The returns of the surveys of keys and islands since the commencement of the work are extensive, consisting of the survey and subdivision of the keys off the Florida coast, from the mouth of the Miami river, the affluent of of Biscayne bay, thence south along the coast to Key West, to Marquesas keys, and connecting other numerous keys by series of triangulations with the main land, and preparing township plats embracing 27,000 acres of surface. The keys and reefs are separated from the main shore by Key Biscayne bay, Card's Sound, Cayo Largo, and Florina bay, all east and south of the everglades, extending for upwards of 150 miles, and connected with the main shore of the Peninsula from Virginia Key, in latitude  $25^{\circ} 45'$  north, longitude  $80^{\circ}$  west, to latitude  $24^{\circ} 45'$  north, longitude  $83^{\circ}$  west. In the prosecution of the survey of the Florida main land and keys Cape Sable, the extreme point of the Peninsula, has been connected by triangulations with the keys. The survey of the islands off the coast of California has been prosecuted to a considerable extent by the Coast Survey Office, but owing to the mountainous character of the lands, no subdivisional work has yet been returned. Their relative positions in reference to each other and to the main shore have been, however, correctly ascertained, and handsomely represented upon the maps of the Coast Survey Office.

*Proclamations for the sales of public lands.*

Pursuant to Executive orders, there have been proclaimed for sale during the five quarters ending September 30, 1860, 16,385,361 acres, and during the past month, viz., under date 22d October, 1860, in California, 3,685,287 acres, particulars being shown in accompanying statements.

To relieve settlers who might be unable to prove up before the day of public sale, the Secretary of the Interior decided, and instructions have been accordingly dispatched to the land officers, that it was competent for such settler who may have failed to prove and pay up before

the day of public sale, to make a new improvement, and file a declaration for the same tract they had settled upon, if unsold, and that settlement claims of this class were not liable to location by warrants, without the consent of the settler; such being the proviso in the bounty land laws in regard to locations.

On the 30th of June, 1859, we had on hand, prepared for market, and unoffered, an area of.....	Acres.	57,084,647.00
During the fiscal year ending 30th June, 1860, the quantity returned for market was.....	Acres.	8,534,800.00
and during the quarter ending September 30, 1860.....		1,114,671.00
<b>Total returned during the five quarters.....</b>		<b>9,649,471.00</b>
<b>Total surveyed and returned for market up to September 30, 1860.....</b>		<b>66,734,118.00</b>
During the fiscal year ending June 30, 1860, there were <i>proclaimed</i> for sale.....		9,257,217.00
and during the quarter ending September 30, 1860.....		7,128,144.00
<b>Making a total proclaimed of. ....</b>		<b>16,385,361.00</b>
Leaving on hand, September 30, 1860, prepared for market, and not proclaimed or offered at public sale, exclusive of school sections.....		50,348,757.00
Deduct from this the area as shown in the foregoing, in California, proclaimed October 22, 1860, of....		3,685,287.00
Leaving now on hand, ready for market.....		46,663,470.00
The estimated quantity which had been offered at public sale and remaining subject to private entry at the various land offices, on 30th September, 1860, is.....		80,267,000.00
The cash sales for the fiscal year ending June 30, 1860, embrace.....		3,461,203.66
Cash received for same.....	\$1,843,630 24	
For the quarter ending September 30, 1860.....		516,416.14
Cash received.....	277,795 73	
<b>Making a total for the five quarters of.....</b>		<b>3,977,619.80</b>
<b>In money.....</b>	<b>2,121,425 97</b>	



	Acres.	Acres.
During the fiscal year mentioned, there have been located with bounty-land warrants.....	2,782,780.00	
And during the quarter just expired.	596,260.00	
		<hr/>
Making total locations, in satisfaction of bounty-land claims during the five quarters ending September 30, 1860.....		3,379,040.00
During the year ending June 30, 1860, there have been approved under the swamp grants of 1849 and 1850 .....	1,674,708.95	
And during the quarter ending September 30, 1860.....	363,061.97	
		<hr/>
Total for the five quarters, under the swamp grant.....		2,037,770.92
During the fiscal year, last mentioned, there have been certified to certain States for railroad purposes.....	1,676,304.00	
And during the quarter which expired September 30, 1860.....	989,319.00	
		<hr/>
Being a total certified for railroads during the five quarters, of.....		2,665,623.00
		<hr/>
Making an aggregate of.....		12,060,053.72
Disposed of during the five quarters ending September 30, 1860, for cash, in satisfaction of bounty warrants, as swamp, and for railroads.		
		Acres.
The whole surface of the public domain, exclusive of water, is as heretofore stated.....		1,450,000,000
The whole area surveyed up to 30th September, 1860, is.....		<hr/> 441,067,915
The quantity which has been offered at public sale up to September 30, 1860, is, including school sections .....		<hr/> 369,803,503
The whole quantity disposed of for cash up to September 30, 1860, is.....		<hr/> 150,633,048
And by private claims, grants, donations, &c.....		<hr/> 243,455,664
		<hr/>
Making an aggregate of.....		394,088,712
Of the public domain disposed of to September 30, 1860, by sales, grants, private claims, &c.		
The total area of unsold and unappropriated of offered and unoffered lands of the public domain on the 30th September, 1860, was 1,055,911,288 acres.		

## SWAMP AND OVERFLOWED LANDS.

Louisiana holding under acts of 1849 and 1850, other States under act of 1850.

During the last year there have been prepared and submitted for approval nineteen lists containing 536 pages, of which transcripts have been sent to the governors of the States and local land officers, and in the same period thirty-four patents for swamp lands have been granted, containing 338 pages, and covering 360 folio pages of record.

Since the commencement of operations under these grants, there have been selected in the States of Ohio, Indiana, Illinois, Missouri, Alabama, Mississippi, Iowa, Louisiana, Michigan, Arkansas, Florida and Wisconsin an aggregate area of 57,187,550.09 acres. Of this quantity there have been *approved* to the States, 44,237,971.80; and of which there have been *patented* to the States an area of 31,461,220.37; the details of which are shown in accompanying exhibits.

Under the act of 12th March, 1860, extending the provisions of the act of September 28, 1850, to the States of Minnesota and Oregon, steps have been taken preliminary to the commencement of the work of selection. They consist in submitting to the executives of those States one or the other of two propositions, to wit: the adoption of the field notes of the surveys, or the designation of the lands from personal inspection by duly constituted agents. No communication accepting either has yet been received.

The authorities of all the States upon which the benefits of the acts of 1849 and 1850 are conferred, have been notified of the limitation made by the act of 1860, for making the remaining selections. Since the last annual report the State of California, through her agent, has presented the State's claim under the law; no definite action previous to that time having been taken by the State authorities.

Complete instructions detailing the principles to be observed in selecting have been addressed to the United States surveyor general at San Francisco. The State of Alabama has also notified this office of the method she will abide by in the adjustment, and full instructions have been addressed to the local land officers on the subject.

The recent act of the 12th March last declares the principle that "any lands which the government of the United States may have reserved, sold, or disposed of (in pursuance of any law heretofore enacted) prior to the confirmation of title to be made," shall be excluded from the operation of the act of September 28, 1850.

The communications addressed to the authorities of the several States, and to the local land officers, embody this principle and hold—

First. That as the grant contemplates the inundation of extensive regions of country by such natural arteries as the Mississippi, the lands evidently intended to be granted are those which by reason of their swampy character and liability to overflow are worthless in their natural condition, and whereon crops cannot be raised without reclamation by levees and drains. An overflow or inundation from casual cause, merely temporary in its effects, does not bring the lands within

the law, and cannot be said, in any proper sense, to render them "unfit for cultivation."

The law contemplates such long continued overflow or freshets only as would totally destroy crops and prevent the raising of the same without artificial means, by levees, &c., such as are found on the Mississippi river.

Second. That bodies of land covered by shallow lakes or ponds which may become dry by evaporation or other natural cause, do not come within the meaning of the act.

Third. Lands which have been disposed of by the general government prior to the date of their selection cannot be claimed as swamp, as they are excluded by direct operation of law from the swamp grant.

## RAILROADS.

By acts of Congress of 1856 and 1857 grants were made to eight States to aid in the construction of forty-five railroads.

The lines of route of thirty-three of these roads have been established, and maps of their final locations filed, showing an aggregate length of 5,882 miles. The grant for two of the roads, one in Alabama and one in Louisiana has been rejected. For the remaining ten roads in Alabama, Florida, and Mississippi, no returns designating actual locations have been received. The adjustments of the grants for these thirty-three roads have been nearly completed. Lists embracing 8,977,044 acres have been approved, and transcripts furnished the executives of the States. Lists of the remaining lands inuring under those laws are in course of preparation, so far as returned.

Much difficulty has been experienced in the adjustment of these grants, owing to the numerous conflicts which have arisen. Antagonistic interests, presenting questions of law and fact, are constantly coming before the department for examination and decision, often involving interests to a large amount, and requiring much care in their adjudication. The adjustment of the interests of the roads where they intersect and overlap each other has been very difficult, for in some instances as many as five roads are found overlapping and conflicting with each other and with numerous other interests. The following is an exhibit of the States and the quantities of land under said grants actually approved to each up to this date:

States.	Acres.
Iowa.....	2,431,541
Alabama.....	1,868,275
Florida.....	1,759,160
Louisiana.....	995,845
Wisconsin.....	211,063
Michigan.....	957,666
Mississippi.....	171,550
Minnesota.....	581,904
Total.....	8,977,004

To the foregoing may be added by <i>estimate</i> yet to enure to certain other States, to aid in the construction of routes traversing in some instances regions of country yet unsurveyed.....	9,000,000
On addition to the foregoing, there have been granted under other acts, viz.:	
September 20, 1850, to Illinois; June 10, 1852, to Missouri; and February 9, 1853, to Missouri and Arkansas, other belts of land to aid in the construction of railroads equal in the aggregate to.....	6,212,495
Total.....	<u>24,189,499</u>

From time to time, as our adjustment of these grants advanced, the surplus land that had been withdrawn, has been released, and restored to market, during the last year, as follows:

Alabama.....	1,400,000	acres.
Michigan.....	1,500,000	do
Louisiana.....	1,640,000	do

The present and the past reported restorations embrace all withdrawn lands except in those cases where routes are not yet reported as definitely fixed.

*Right of Way.*—By the Act of Congress of August 4, 1852, “the right of way,” is granted to all “rail and plank roads, and macadamized turnpikes, passing through the public lands belonging to the United States.” The Chicago, Detroit, and Canada Grand Trunk Junction Railroad Company of Michigan, and the Western Railroad Company of Kansas, have filed the required maps of the location of their respective roads, and claimed the benefit of this act; the lines of the roads have been laid down on our township plats, entered on our records, and noted, so as to protect them. Connected diagrams showing the lines of the roads and proper instructions in the matter have been transmitted to the local officers, and the tracts embracing the locations will be sold subject to those rights.

#### SPECIAL IMPROVEMENT GRANTS.

By the act of Congress of the 18th of August, 1846, and 3d of August, 1854, there inured to the State of Wisconsin, for the Fox and Wisconsin River Improvement grant, an area of acres, 684,289. This grant has been finally closed, and settled by the residuum lands reported to the secretary by this office, on the 10th of November, 1860.

*Des Moines River Grant.*—By the act of Congress approved August 8, 1846, a grant was made to the State of Iowa, “to improve the navigation of the Des Moines river from its mouth to the Racoon fork.”

The area heretofore reported as approved to the State <i>below</i> the fork is.....	321,028.03	acres
To which add area in four lists embracing.....	1,364.15	“

Total area approved <i>below</i> Racoon fork.....	<u>322,392.18</u>	“
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Besides this there had been *conditionally* approved to the State by your predecessors..... 271,572.24 acres.

A controversy arose as to the extent of this grant, it having been claimed that the State was entitled along the whole course of the river to its source. The Eastern fork of the river extends to the northern boundary of Iowa, the western into Minnesota. The present Attorney General and Secretary of the Interior, held, that the grant did not lawfully extend above the Racoon fork, and this decision has been sustained by the Supreme Court of the United States, in the case of the Dubuque and Pacific Railroad Company *vs.* Litchfield, (23 Howard.)

In view of the individual interest which may have arisen under the State to lands *above* the fork, and the State's claim under railroad grants, three of which, under act of 1856, traverse that region, the department has deferred action in the matter until Congress shall have had time to consider the subject, with a view to further legislation.

*Rock River Canal Grant.*—Under act of August 6, 1846, to the Territory of Wisconsin, and act of May 29, 1848, for the admission of the State into the Union.

Under the opinions dated July 24, 1852, and September 18, 1854, of the Attorneys General, the State was held liable for the lands sold under the grant, (which was forfeited,) and which amounted to the sum of.....\$313,579 55

The State, however, on the books of the Treasury, has been credited, by offsets on account of the five per cent. up to January 1, 1860, in the sum of..... 247,501 79

Leaving a balance then still due the United States of..... 66,077 76 proposed to be credited by like offsets, from time to time, until the account is finally closed.

REVOLUTIONARY BOUNTY LAND CLAIMS.

Virginia, during the war of the Revolution, acting in the spirit of the common cause and possessing a vast extent of territory, promised large bounties in land to the officers and soldiers serving in her continental and State lines and her State navy.

On the 2d January, 1781, in making the cession to the United States of her lands northwest of the Ohio, known as the Northwestern Territory, she stipulated, as shown by her legislative proceedings, to reserve a quantity of land sufficient to pay her promised bounties to all persons, both in the continental, State lines, and State navy; but, by error in draft of the cession, the words "and upon their own State establishment" were omitted; so that the reservation applied exclusively to the continental line, leaving the State line and navy entirely without provision.

The Congress of the United States, on the 13th September, 1783, accepted the cession upon the terms prescribed in the aforesaid resolu-

tion of January 2, 1781, with certain modifications not affecting the premises in question.

In this state of the case, none but warrants issued for continental line service could be satisfied by location or otherwise, except in Kentucky, up to June 1, 1792. At that time, Kentucky having been admitted into the Union as a sovereign State, she refused to recognize any entries upon her lands, except under her own laws.

The warrants for State line and State navy being thus excluded after the year 1792, Congress, on the 30th May, 1830, appropriated 310,000 acres for the satisfaction of the outstanding and unsatisfied warrants issued by Virginia for revolutionary services; then, on the 13th July, 1832, granted 300,000 acres. Again, for the satisfaction of these claims, on the 2d March, 1833, there were appropriated 200,000 acres; and on the 3d March, 1835, the United States made a further appropriation of 650,000 acres. These appropriations being found inadequate, as there were remaining outstanding unsatisfied claims, Congress, on the 31st August, 1852, passed an act providing for the satisfaction of all outstanding Virginia military warrants, or parts of warrants, fairly and justly issued or allowed prior to the 1st day of March, 1852, after which time, by the laws of Virginia, no claim for military services could be allowed.

The interdict which was held to exist, in the act of August 31, 1852, against the commutation into scrip of warrants issued after March 1, 1852, on claims allowed prior to that date, was relieved by the act of June 22, 1860; and the effect in this respect has been to sanction warrants to the amount of 60,016 acres.

During the last year there has been issued Virginia military scrip, under said act of 1852, for 50,772 acres, including 19,255 acres relieved by said act of 1860, with seven pieces of United States revolutionary bounty land scrip, under act of May 30, 1830, for 500 acres.

The whole amount issued for Virginia military claims under said acts of 1852 and 1860, since the beginning of operations to 30th September last, is 857,426 acres. There are now on the files of this office Virginia military warrants to be acted upon, calling for 207,523 acres; and from the most reliable data at hand as to claims hereafter to be presented, embracing warrants located in Kentucky, Ohio, lost by conflict, duplicates issued on proof of loss of originals, the ten per centum of unsatisfied warrants, under the act of March 3, 1835, it is estimated that they will embrace 127,000 acres.

#### REVOLUTIONARY WAR AND WAR OF 1812 CLAIMS AGAINST THE UNITED STATES.

The period for the issue and location of warrants for revolutionary services under the act of September 16, 1776, and for services in the war of 1812, under the act of May 6, 1812, expired on the 26th June, 1858, the limitation fixed in the act of February 8, 1854.

As many such warrants, however, had been located after the period of limitation, Congress, on the 23d June, 1860, passed an act legalizing such locations and granting three years' time from the date of the law, within which to locate the outstanding warrants, without, however, conferring authority for the issue of warrants of either class.

Warrants for the war of 1812 to the amount of 11,040 acres have been patented during the past year.

VIRGINIA MILITARY DISTRICT, OHIO.

Patents have been issued during the past year for 1,578.13 acres in this district.

The residuum of unappropriated vacant lands therein, estimated at 40,000 acres, was ceded to the United States by Virginia, December 9, 1852, consisting of small irregular fractional pieces.

If Congress should not deem it proper to donate these lands to the State for educational or other purposes, as heretofore recommended, it is suggested that they be made subject to location by the owners of Virginia military warrants who may prefer such location to scrip.

Attention of Congress is again invited to the condition of such holders of legal entries, made in the Virginia military district in Ohio prior to January 1, 1852, as have not had their claims surveyed and carried into patent, because the act of March 3, 1855, notwithstanding the entry was legally made, yet interdicts the issue of patents if not surveyed prior to 3d March, 1857, and hence the necessity of remedial legislation to give complete efficacy to such entries. Nor has the government been in any way unmindful of the services rendered by her citizens in the war with Mexico and in the Indian wars, but has shown a generous appreciation in the enactments of 1847, 1850, 1852, and 1855.

The aggregate number of warrants issued under the first three laws to the 30th September last is 289,177; covering 27,045,480 acres. Of that number there have *located* 259,546, warrants embracing 24,770,840 acres, leaving *outstanding unlocated* 29,631, warrants for 2,274,640 acres.

The number of warrants issued under the act of 1855 is 241,302, for 30,736,090 acres. Of that number there have been *located* 196,465, leaving *outstanding unlocated* under this act 44,837 warrants, for 5,921,940 acres; making a total aggregate of warrants under these laws of 530,479, for 57,781,570 acres; of which there are outstanding unlocated 74,468, for 8,196,580 acres, the particulars of which are indicated in exhibits herewith.

PREÉMPTION.

In the extension of the general preéemption law of 1841, to the new States and Territories, a want of uniformity has arisen. In some instances the law gives the right of filing a declaratory statement within three months from the date of the settlement, others from surveys in the field—statutory provisions in the former being held by executive construction to relate in regard to limitation to three months from the date of the approval of the plat of survey; that rule should be made of universal application.

The act of 1854, extending the act of 1841 to Kansas and Nebraska, should be so modified that two or more settlers on the same quarter section, should each be permitted to take the legal sub-division embracing his actual residence, and make up his quantum upon contiguous lands. Settlers upon unoffered lands, under present laws, are allowed to prove up and pay for their lands at any time prior to the day of public sale of the body of lands including their claims.

I would repeat the recommendation, that such settlers be allowed two years from the filing of their declaratory statements, at the same time making it incumbent to offer at public sale, by proclamation, all lands that may have been surveyed within some specified limit as to time after the plats of survey have been approved.

As a protection against fraudulent preëmptions, no one should be permitted to effect an entry until after the expiration of three months from the date of filing his declaratory statement, and until he has produced satisfactory proof of three months continued residence upon the land claimed.

In reference to appeals from the decision of this office, there are evils which should be corrected. There is neither cost nor responsibility incurred by the party appealing. Hence frivolous appeals, for purposes of delay, revenge, and vexation, are frequent. It is recommended that a law be passed that the party appealing shall do so within a limited time, and only then upon filing an affidavit, stating his purpose is not for delay or vexation of his opponent, and indicating specially the alleged error of fact or law.

In regard to town sites, it is held by the department that the act of September 4, 1841, excludes all lands within the corporate limits of a town from agricultural preëmption. An act is suggested limiting the number of acres that may lawfully be incorporated. Under the law as now construed, it is in the power of local legislatures to incorporate any extent of territory surrounding towns, thereby interfering with rural preëmption rights.

A question has arisen in regard to land within railroad limits. It has been claimed that there is no law fixing a limitation within which settlement claims shall be proved up, unless such claims are specifically proclaimed. The ruling of this office requires settlers on railroad sections, within the six-mile limits, where the claim had a legal inception before the line of route was fixed, to prove up, and pay for their land, before the commencement of the public sale of the body of lands to which they belong, whether specifically named in the proclamation or not. It will be at once perceived, that if they are not required to conform to this ruling, like all others outside the railroad limits in the same body of lands, they would have unlimited credit, and could occupy the public lands, without paying for them, or being required to show whether or not they had fully complied with the requirements of law, and had acquired the right of preëmptors; and because, if the lands occupied by them are not preëmpted, they of right, would pass by the grant to the railroads, and hence never would be offered.

#### GRADUATION ACT OF 1854,

Cheapening the price of lands long in market for the benefit of actual settlers and for adjoining farms.

To guard against imposition and fraud in future, under this law, the recommendation is renewed for the passage of a law requiring every person applying to enter land for actual settlement and cultiva-



tion, before being permitted to do so, to make proof of *bona fide* actual settlement and cultivation to the satisfaction of the register and receiver of the proper land office; and if said proof is not produced within one year from the date of the filing of the application and affidavit to enter, the claim shall be null and void, and the land be again subject to sale.

In regard to graduation entries made since the remedial act of March 3, 1857, it is suggested that legislation be had requiring proof of *bona fide* actual settlement and cultivation within one year from such enactment, or that purchasers, or their assignees, shall make full payment for the land at \$1 25 per acre; and, in default, the entry shall be canceled and the land restored to market.

Under the generic designation of "private land claims" the United States have had to deal with an immense amount of land business, most intricate and delicate in its adjustment. The localities of this class of titles mark the progress of early settlement in our portions of the continent. They begin away on the northern shores of the Michigan lower peninsula, come down to the old French settlement at and near Detroit, pass over to Green Bay and Prairie Du Chien in Wisconsin, enter into Indiana at the old Vincennes post, down the eastern side of the Mississippi, and in the Illinois reach Peoria, Prairie Du Rocher, and the Kaskaskias, there resting on ancient British and French grants, and all within the limits of the United States according to the treaty of limits in 1783; yet, where equitable, recognized and affirmed by Congress upon the most liberal principles. Thence such ancient claims are found in descending the Mississippi under other forms of grant and granting officers, to the Gulf of Mexico, extending into the southern portions of Mississippi, Alabama, and scattering all over both East and West Florida, crossing the Mississippi and following the shores of the Gulf, they are found thickly scattered over Louisiana, existing in Arkansas, and in great numbers in Missouri.

In those localities south of the thirty-first degree, east of the Mississippi, to the Perdido, and those west of the Mississippi to the present State of Missouri, inclusive, the grants are founded on Spanish and French titles, under treaty of 1803 and ancient settlements; those east of the Perdido, in the Floridas, upon Spanish titles under the treaty of 1819, and under old settlements.

In New Mexico, as we advance westward, there exist ancient Spanish titles, municipal and rural, claimed under the treaty of 1848 with Mexico; and so likewise in California are found numerous grants of greater or less extent requiring adjustment.

These diversified claims, when finally confirmed by boards, by Congress, or decrees of court, are constantly arising, requiring our action, whether in having them surveyed according to the usages of the former governments, settling conflicts, or issuing patents to complete the title.

In the progress of now more than half a century these claims, within our original limits and in the elder territorial acquisitions, have been dealt with *pari passu*, with the public surveys, in the act of segregating them from the public domain and issuing United States patents when called for.

In New Mexico, Congress has confirmed "pueblos" and other claims, and these are in progress of being dealt with in like manner.

In California, the labor of survey and all the incidents of correct determination of the *locus*, require great skill and care to do justice both to the confirmees and the government. These surveys are embodied in the patents. The work of finally determining the correctness in all disputed cases of the surveys of ranchos and other claims in California, in virtue of the recent act of Congress approved 14th June, 1860, will pass into the courts.

Instructions have been prepared and transmitted by this office to the surveyor general of California, so far as his action is concerned under the provisions of that act, which defines and regulates the jurisdiction of the district courts of the United States in California in regard to the survey and location of private land claims.

By this law all surveys approved by the surveyor general are to remain in the surveyor general's office for four weeks, unless sooner ordered into court; during that period they are to be advertised and kept open to inspection, to afford parties interested an opportunity to test the correctness of the same before the courts. Under an order of court all the surveys of claims hitherto approved, but not patented, have been brought under this rule, and advertised by the surveyor general. The issue of patents in all such cases is accordingly suspended for the present. As rapidly as the surveys are finally passed upon, in view of this act, and returned here for finally confirmed claims, this office is prepared to issue patents as required by law.

Satisfactory progress is making in the settlement of donation claims in Oregon and Washington Territory under the act of 27th September, 1850, and acts amendatory.

The early settlers, prior to the survey of the country, were allowed by law to locate their claims in such form as suited their convenience, their lines to be afterwards established in the extension of the public surveys. Owing to the irregular shape of these old claims, difficult questions of conflict frequently arise involving important interests, and requiring much labor and great care in their adjudication. One of the most important of these, the Portland city claim, an immense record, has recently been decided. In accordance with the decision, an official survey has been returned, as the basis of patents, to the city of Portland and other parties claiming.

The British titles in Washington Territory, claimed by the Hudson Bay and Puget Sound Agricultural Companies, under the treaty of 1846 with Great Britain, have not yet been finally disposed of. Regarding the possessory rights of the Hudson Bay Company under the third article of said treaty as having expired by the limitation of their charter in May, 1859, and the impediment to the survey of the lands claimed by said company as thus removed, the surveyor general for that district was instructed to proceed accordingly, and the territory covered by their claims is now, in part, under contract for survey and subdivision as public lands.

In respect to the claims of the Puget Sound Agricultural, an offshoot of the Hudson's Bay Company, under the fourth article of the treaty, this office has submitted its views to the Interior Department, but will defer

definite action in the premises until further instructed by the Secretary of the Interior.

The act of June 22, 1860, for the adjustment of private claims in Florida, Louisiana, and Missouri, opens the way for confirmation or rejection of a large class of claims. By the terms of this act the registers and receivers of the several land districts in Florida and Louisiana are appointed commissioners for their respective districts, and the recorder of land titles at St. Louis, for the State of Missouri, to hear and decide, under instructions from this office, all matters relating to private claims yet unconfirmed, resting upon written title, in those States, and to report their decisions thereon for final action by Congress. This law authorizes the reception of claims "in virtue of grant, concession, order of survey, permission to settle, or other written evidence of title, emanating from any foreign government, bearing date prior to the cession to the United States of the territory out of which said States were formed, or during the period when any such government claimed sovereignty, or had actual possession of the district or territory in which the lands so claimed are situated." In other words, it contemplates, in meritorious cases, the confirmation of claims which originated from the government *de facto* as well as *de jure*, and therefore opens the way for the recognition of titles south of the thirty-first degree of latitude, granted by the Spanish authorities, between the Iberville or Manchac and the Perdido, during the period that elapsed from the cession of Louisiana by the French republic in 1803 to the time that region of country was taken possession of by the United States authorities pursuant to the President's proclamation of October, 1810. Instructions have been prepared and transmitted to the proper officers to carry out the provisions of this important enactment.

Under the act approved June 2, 1858, to provide for the location of private claims in Missouri, and for other purposes, a number of claims have been passed upon; and where the same could not be properly located, scrip has been issued in eighty-acre warrants for the quantity to which claimants are entitled. As this act contemplates the location in satisfaction of claims thereby confirmed on any of the public lands of the United States, it became necessary to issue instructions to all the local land offices, and to furnish them with the necessary forms for carrying out its provisions. The duties under this act will form a considerable item in the labors of this Department, as in the case of all claims confirmed by former acts, and for which, or any portion thereof, no location is found, the claimants are entitled to relief.

#### INDIAN RESERVATIONS.

Under treaties of 1854 with the Shawnees, Kaskaskias, and the Miamies, of 1855 with the Wyandottes, and of 1830 with the Sacs and Foxes, and in virtue of the act of July 31, 1854, and with the Stockbridges of 1848 and 1856, this office, since the date of our last report, has prepared 1,520 patents, the grants for each tribe conforming to the peculiarity of the terms of treaty. These patents, all duly recorded in this office, have been transmitted to the office of Indian affairs for delivery to the rightful owners.

## SETTLEMENT OF ACCOUNTS.

The regulations of the General Land Office, which is the auditing branch of the service for all land accounts, require the prompt rendition of the monthly and quarterly accounts of all receivers of public moneys and disbursing agents, and when there is any failure to reach the department by mail within five days after being due, that they shall be telegraphed, and in default of satisfactory answer, that the delinquency shall be reported to the appointing power; that within three days after the reception of monthly accounts current showing the receiver's admitted balance, the same shall be brought to the test of the Treasury regulations in regard to deposit, and where any excess exists over the maximum amount the Treasury regulations allow to remain in the hands of the receiver, a dispatch will be telegraphed requiring deposit; that immediately upon the receipt of all quarterly accounts they shall be promptly adjusted, and forthwith reported to the Treasury.

Under these regulations, a report also is prepared monthly to the Secretary of the Interior for his information, and that of the Treasury Department, showing the exact condition of all accounts, balances in hands, and the steps taken in any case requiring official intervention to enforce prompt deposits. All the accounts of receivers of public moneys, disbursing agents, surveyors general, deputies and other employés, have been adjusted up to the end of the last quarter, and adjustments of the two, three, and five per cent. accruing to the several States upon the net proceeds of the sales of public lands, have been duly reported to the Treasury.

For sales bounty land locations under the several laws from October 1, 1859 to this date, (November 29, 1860), there have been transmitted to their several destinations, for delivery, 228,894 patents; for Indian, swamp tracts, private land claims, and other patents, estimated as equal to 25,835 cash patents; evidence of floating rights, equal to 753 cash patents; railroad selections, equal to 33,320 cash patents; making an aggregate number within the dates mentioned equal to 288,802 cash patents.

Within the same period, all returns of land sales from the local offices, embracing abstracts, certificates of purchase, receipts, other muniments of title; all returns of bounty land locations, with warrants and assignments have been critically examined, tested in regard to surveys with the approved township plats, and in correctness of consideration with the tariff of prices from the railroad maximum of \$2.50 to the ordinary minimum of \$1.25 per acre, and declining prices fixed in the graduation laws.

All these various grades of titles have been posted in the official ledgers, for entries, locations, and selections made prior and up to July 1, 1860, and the general issue and transmission of patents for such sales are to the same period.

## GEOLOGICAL AND MINERALOGICAL DEVELOPMENTS.

In the prosecution of the public surveys west of the Mississippi toward the Pacific, extensive indications of mineral wealth have been discovered.

In Kansas and Nebraska, and the eastern slope of the Rocky Mountains, there exist ranges of mineral deposits of coal, iron, gold, and silver. The coal, comparatively free from impurity, is not only the powerful agent for manufacturing purposes, but is adequate to the domestic wants, for an indefinite future, of a teeming population; equally so in the navigation of inland waters, whilst it is at hand to do its service in the railway system proposed to connect the Atlantic and Pacific cities. An idea may be formed of the value and enduring character of mineral fuel so extensively distributed over our country—already discovered to the extent of about 200,000 square miles—when it is shown by an authoritative estimate that an acre of coal, three feet thick, is equal to the product of 1,940 acres of forest trees, and “each acre of a coal seam, four feet in thickness, and yielding one yard of pure coal, is equivalent to 5,000 tons, and possesses, therefore, a reserve of mechanical strength in its fuel equal to the life labor of more than 1,600 men.”

This great substitute for hand labor wields at this time in Great Britain, in its application to her vast machinery by land and sea, a force equal to the manual strength of the human race; and yet the coal fields of England, Ireland, Scotland, and Wales, the British provinces of New Brunswick, Nova Scotia, Cape Breton, and Newfoundland, are not one tenth the mineral area of the twelve coal-bearing States of the Union, not including the extensive discoveries west of the Rocky Mountains and on the Pacific.

The evidences of this important mineral are not particularly confined to the foot of the Rocky Mountains, but are found in different localities along the Missouri river; in Nebraska, in the valley of Verdigris; Maria de Cygnes, Neosho, and Marmeton, in Kansas. In New Mexico, besides the precious metals, iron, copper, and lead are found. The gold and silver mines are there worked by companies, application having been made to the surveyor general to work the mines and acquire the right to do so by discovery and “denouncement,” according to the laws of Old Spain and Mexico, but for which there is no authority under the legislation of Congress.

In Oregon and the Territory of Washington, scientific explorations of Dr. Evans, under the auspices of the government, in past years, have demonstrated the existence of mineral resources in many localities; and our land surveyors, in extending the lines of the public surveys, have shown the fact of the existence of minerals in the valleys both east and west of the Cascade mountains.

The necessity and value of the coal product on the Pacific shores to our naval establishment, and especially commercial marine, must be obvious to all. Then, in regard to sterile or inarable soils found in mining regions, it is the province of science to seek out chemical earths to redeem waste lands and impart to them fertility.

These considerations induce the recommendation that geological and mineral explorations and surveys be ordered by Congress, with authority for the publication of results.

RESUMÉ OF OPERATIONS FROM MARCH 1, 1857, TO SEPTEMBER 30, 1860,  
EMBRACING ALSO THE ISSUE OF PATENTS UP TO NOVEMBER 29, 1860.

	Acres.
Public lands and private claims surveyed.....	54,013,555
Quantity sold for cash.....	14,347,887
Purchase money .....	\$9,160,777 86
Located with bounty land warrants.....	15,575,962
Certified under railroad grants.....	8,977,004
Approved to States under swamp grant.....	5,482,263
Embraced by surveys returned for confirmed private claims in California.....	3,101,223
Total.....	47,484,339

These land sales are embraced in 171,211 certificates of purchase, each with its corresponding receiver's receipt, separately examined, posted, and all interferences and errors noted, and measures taken for their correction.

Besides the entries growing out of these sales, there were required, during the same period, on account of land warrants, swamp and railroad selections, preëmption entries, &c., 683,000 entries in the same books.

The bounty land warrants examined and registered number 161,628. Preëmption cases acted on, 24,720; accounts adjusted, 11,757; while the correspondence has extended to 159,902 letters written, all of which are recorded, filling 203 folio volumes of 500 pages each. From the same starting point of the resumé to present date, the number of patents of all kinds issued is 507,735; the record of which covers 510,865 pages, or 1,022 volumes of 500 pages each.

The preparation of swamp land patents and railroad lists for 19,536,250 acres, required an amount of labor equal to that of preparing 244,203 patents for lands sold for cash, which, added to the number of patents actually issued as above stated, would make an aggregate equal to 751,538 cash patents.

Referring to the sphere and extent of details connected with the land service as indicated in the foregoing, and to the labors of its numerous employés, it is difficult to convey a just idea of the complexity of the questions of law and of fact which have constantly arisen for years in the administration of its multifarious duties. These related to the regularity of sales, assignments, preëmptions, (rural, municipal, and postal,) railroads, swamp, graduation, internal improvement grants, schools, accounts, in surveys, in foreign titles, often with immense interests involved.

In the consideration of these subjects the opinions of the Attorneys General, decisions of the Secretaries, of the courts of law, of local juris-

diction, State and federal, and the Supreme Court of the United States, have necessarily to be examined with a view to the application of the proper principles.

The right of appeal from the decision of the General Land Office lies to the Secretary of the Interior, under whose revision every important question has been passed upon and finally adjusted, and whose enlightened decisions constitute important contributions to our system of land jurisprudence.

Respectfully submitted,

JOSEPH S. WILSON,  
*Commissioner.*

Hon. JACOB THOMPSON,  
*Secretary of the Interior.*

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GENERAL LAND OFFICE,  
November 29, 1860.

SIR: Pursuant to the resolution of the Senate, adopted on the 28th February, 1855, the following is respectfully submitted as an abstract of the annual report of the present date, which treats—

1. General operations in the land States, and the extent and capacity of the public domain in contrast with the other States of the Union.

2. The extent of surveying operations.

3. The quantities of public lands proclaimed during the past year in certain States, and the relief afforded where settlers were unable to prove up before the day of public sale.

4. Cash sales for the last fiscal year and first quarter of the present fiscal year; locations of warrants, swamps, railroads.

5. Swamp and overflowed lands, with reference to the recent act of Congress, approved March 12, 1860.

6. Railroads; whole extent indicated, restoration to market of released lands, which had been withdrawn as preliminary to adjustment of such grants, and right of way to all public roads.

7. Special improvement grants; Fox and Wisconsin, Des Moines River, and Rock River canal.

8. Revolutionary bounty land claims, and war of 1812 with Great Britain.

9. Bounty land claims under acts of 1847, relating to war with Mexico, and other general laws passed in 1850, 1852, 1855.

10. Preëmptions, act of 1841; rural and municipal.

11. Entries under graduation act of 1854; further legislation recommended.

12. Private land claims; British, French, Spanish, Mexican, and donations under laws of the United States.

13. Indian reservations; treaties with Shawnees, Kaskaskias, Miamies, Wyandottes, Sacs and Foxes, and the Stockbridges.

14. Auditing of accounts of receivers, disbursing agents, surveyors general, under the regulations on the subject.

15. Progress made in the issue of patents for sales, bounties, private claims, Indian reservations, certified transcripts of township and railroad selections, showing its whole business is brought up to a recent date.

16. Geological and mineral explorations recommended.

17. General exhibit of operations from March 1, 1857, to November 29, 1860.

With great respect, your obedient servant,

JOSEPH S. WILSON,  
*Commissioner.*

Hon. JACOB THOMPSON,  
*Secretary of the Interior.*

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*Schedule of accompanying papers.*

1. Statement of surveying operations from October 1, 1859, to September 30, 1860.

2. Exhibit of the quantities of land prepared for market and offered at public sale during the fiscal year ending June 30, 1859, and for the quarter ending September 30, 1860.

3. Table of sales and other disposals of public lands during the five quarters ending September 30, 1860.

4. Swamp land table exhibiting the quantity of land selected under acts of 1849 and 1850, to September 30, 1860.

5. Like table exhibiting the quantity of land approved under same acts up to same date.

6. Table showing the quantity of land patented to the several States under swamp land act of September 28, 1850.

7. Condition of the bounty land business under acts of 1847, 1850, 1852, and 1855.

8 and 9. Statement of sales of public lands during first and last halves of the fiscal year ending June 30, 1860.

10. Estimate of appropriations for salaries and contingent expenses in General Land Office during fiscal year ending June 30, 1862.

11. Estimate of appropriations for the surveying department.

12. Like estimate for surveying public lands.

13. Reports of surveyors general.

GENERAL LAND OFFICE,  
November 29, 1860.



## No. 1.

*Statement of the surveying returns to this office from October 1, 1859, to September 30, 1860, showing the number of miles surveyed in the different States and Territories, and the aggregate number of acres embraced therein.*

States and Territories.	Original surveys and resurveys.			Acres.
	Miles.	chs.	lks.	
Missouri.....	172	48	53	2,267.04
Wisconsin.....	2,085	39	50	599,107.65
Iowa.....	993	2	43	358,148.48
Minnesota State.....	4,718	39	59	1,153,372.78
Minnesota Territory.....	564	75	74	23,022.83
Nebraska Territory.....	4,224	56	28	1,386,595.06
Kansas Territory.....	6,019	59	23	2,157,220.56
Louisiana.....	261	68	43	136,132.82
Florida.....	2,853	45	93	841,441.43
New Mexico.....	2,341	17	89	1,259,598.55
Utah.....				
Oregon.....	1,109	68	36	336,684.03
California.....	8,049	77	62	2,897,153.00
Washington Territory.....	2,992	75	33	529,675.69
Aggregate.....	36,388	34	86	11,680,419.92

*Exhibit of the quantities of public lands, exclusive of school sections, prepared for market and not advertised for sale, on June 30, 1859; also the quantities prepared for market during the fiscal year ending June 30, 1860, and showing the quantities advertised for sale during the same fiscal year; the quantities prepared for market and advertised for sale during the quarter ending September 30, 1860; also the whole quantities of unoffered surveyed public lands on hand September 30, 1860.*

States and Territories.	Quantities of unoffered surveyed land prepared for market June 30, 1859.	Quantities of surveyed land prepared for market during the fiscal year ending June 30, 1860.	Quantities advertised for sale and not postponed during the fiscal year ending June 30, 1860.	Aggregate quantities collected from all past operations, prepared for market and not advertised for sale, June 30, 1860.	Quantities of surveyed land prepared for market during the quarter ending Sept. 30, 1860.	Quantities advertised for sale and not postponed during the quarter ending Sept. 30, 1860.	Whole quantities of unoffered surveyed land ready for market and on hand September 30, 1860.
Missouri.....	222,833	2,267	.....	225,100	.....	.....	225,100
Alabama.....	90,530	.....	.....	90,530	.....	.....	90,530
Louisiana.....	875,266	.....	457,586	417,680	.....	.....	417,680
Michigan.....	609,938	.....	217,631	392,307	.....	.....	392,307
Arkansas.....	733,278	.....	.....	733,278	.....	231,683	501,595
Florida.....	3,648,092	952,713	.....	4,600,805	196,860	.....	4,797,665
Iowa.....	2,239,682	318,088	.....	2,557,770	.....	1,270,623	1,287,147
Wisconsin.....	2,215,726	697,798	.....	2,913,524	.....	.....	2,913,524
California.....	14,746,265	988,077	.....	15,734,342	.....	.....	15,734,342
Minnesota.....	14,111,528	1,108,428	1,540,738	13,679,218	110,096	4,403,614	9,385,700
Oregon.....	4,135,996	232,663	.....	4,368,659	47,011	.....	4,415,670
Washington.....	1,655,752	475,727	.....	2,131,479	23,006	.....	2,154,485
Kansas.....	4,587,917	1,729,324	2,679,852	3,637,389	737,698	1,222,224	3,152,863
Nebraska.....	3,548,905	1,576,160	4,361,410	763,655	.....	.....	763,655
Utah.....	1,987,580	.....	.....	1,987,580	.....	.....	1,987,580
New Mexico.....	1,675,359	453,555	.....	2,128,914	.....	.....	2,128,914
	57,084,647	8,534,800	9,257,217	56,362,230	1,114,671	7,128,144	50,348,757

*Sales and other disposal of public land during five quarters ending September 30, 1860.*

	Number of acres sold for cash at and above the minimum price.	Amount received therefor.	Number of acres sold at graduated prices.	Amount received for the same.	Number of acres located with military warrants.	Number of acres approved under swamp land grant.	Total amount received for lands sold for cash at all prices.	Total number of acres sold for cash and otherwise disposed of.
During the fiscal year ending June 30, 1860.	601,159.05	\$894,841 26	2,860,044.61	\$948,788 98	2,782,780.00	1,674,708.95	\$1,843,630 24	7,918,692.61
During the first quarter ending September 30, 1860.	88,166.46	141,071 28	428,249.68	136,724 45	596,260.00	363,061.97	277,795 73	1,475,738.11
	689,325.51	1,035,912 54	3,288,294.29	1,085,513 43	3,379,040.00	2,037,770.92	2,121,425 97	9,394,430.72

## SWAMP LANDS,

*Statement exhibiting the quantity of land selected for the several States, under the acts of Congress approved March 2, 1849, and September 28, 1850, up to and ending September 30, 1860.*

States.	Fourth quarter of 1859.	First quarter of 1860.	Second quarter of 1860.	Third quarter of 1860.	Year ending June 30, 1860.	Total since date of grants.
Ohio .....						54,438.14
Indiana .....						1,354,732.50
Illinois.....		754.10			15,961.27	3,259,852.73
Missouri.....	2,047.95		63,894.91		161,289.12	4,409,492.93
Alabama.....						2,595.21
Mississippi.....	3,738.17	92,520.00			96,258.17	3,070,645.29
Iowa.....			336,680.00		619,480.00	2,579,976.29
Louisiana, (act 1849).....	15,877.96	4,191.81	32,401.12	814.51	59,446.70	10,766,764.48
Louisiana, (act 1850).....	524.24				524.24	543,339.13
Michigan.....						7,273,724.72
Arkansas.....						8,652,112.93
Florida.....						11,790,637.46
Wisconsin.....						3,449,238.28
California.....						
Oregon.....						
Minnesota.....						
	22,188.32	97,465.91	432,976.03	814.51	952,959.50	57,187,550.09

## No. 5.

## SWAMP LANDS.

Statement exhibiting the quantity of land approved to the several States, under the acts of Congress approved March 2, 1849, and September 28, 1850, up to and ending September 30, 1860.

States.	Fourth quarter of 1859.	First quarter of 1860.	Second quarter of 1860.	Third quarter of 1860.	Yearending June 30, 1860.	Total since date of grant.
Ohio .....						25,640.71
Indiana .....						1,250,937.51
Illinois.....						1,431,471.05
Missouri.....	3,990.75				41,101.68	3,818,504.72
Alabama .....						2,595.51
Mississippi.....	145,887.74				145,887.74	3,068,642.31
Iowa .....					21,516.06	528,610.39
Louisiana, (act 1849).....	433,005.50	19,371.63	21,767.90		486,653.94	8,168,679.61
Louisiana, (act 1850).....						237,916.48
Michigan .....						5,465,232.41
Arkansas .....	625.02	390,101.23	2,156.36	318,934.50	502,820.50	7,283,443.13
Florida .....		72,150.92		44,127.47		10,901,007.76
Wisconsin.....	93,207.08	162,460.97	148,910.06		404,578.11	2,055,290.21
California.....						
Oregon.....						
Minnesota.....						
	676,716.09	644,084.75	172,834.32	363,061.97	1,674,708.95	44,237,971.80

## SWAMP LANDS.

*Statement exhibiting the quantity of land patented to the several States under the act of Congress approved September 28, 1850.*

States.	Fourth quarter of 1859.	First quarter of 1860.	Second quarter of 1860.	Third quarter of 1860.	Yearending June 30, 1860.	Total since the date of grant.
Ohio.....						25,640.71
Indiana.....						1,256,349.56
Illinois.....			58,901.87	152,843.99	58,901.89	1,087,029.05
Missouri.....	35,832.15	282.11	74,137.56	59,384.91	110,251.82	2,556,116.98
Mississippi.....						2,549,618.39
Louisiana.....				199,598.07		199,598.97
Michigan.....						5,059,041.58
Arkansas.....		99,255.87	44,077.53		1,086,821.12	6,011,357.03
Florida.....						10,618,549.35
Wisconsin.....						1,674,585.29
Iowa.....		361,127.13			399,722.87	423,334.36
	35,832.15	460,665.11	177,116.98	411,826.97	1,655,697.70	31,461,220.37

## No. 7.

*Condition of bounty land business under acts of 1847, 1850, 1852, and 1855, showing the issues and locations, from the commencement of the operations, under the several acts, to September 30, 1860.*

## ACT OF 1847.

Grade of warrant.	Number issued.	Acres embraced thereby.	Number located.	Acres embraced thereby.	No. outstanding.	Acres embraced thereby.
160-acre .....	80,538	12,886,080	74,870	11,979,200	5,668	906,880
40-acre .....	7,576	303,040	6,201	248,040	1,375	55,000
Total...	88,114	13,189,120	81,071	12,227,240	7,043	961,880

## ACT OF 1850.

160-acre.....	27,426	4,388,160	26,348	4,215,680	1,078	172,480
80-acre.....	57,704	4,616,320	51,918	4,153,440	5,786	462,880
40-acre.....	103,950	4,158,000	90,384	3,615,360	13,566	542,640
Total...	189,080	13,162,480	168,650	11,984,480	20,430	1,178,000

## ACT OF 1852.

160-acre.....	1,222	195,520	925	148,000	297	47,520
80-acre.....	1,698	135,840	1,378	110,240	320	25,600
40-acre.....	9,063	362,520	7,522	300,880	1,541	61,640
Total...	11,983	693,880	9,825	559,120	2,158	134,760

## ACT OF 1855.

160-acre.....	95,152	15,224,320	73,835	11,813,600	21,317	3,410,720
120-acre.....	96,207	11,544,840	80,261	9,631,320	15,946	1,913,520
100-acre.....	6	600	5	500	1	100
80-acre.....	49,047	3,923,760	41,737	3,338,960	7,310	584,800
60-acre.....	356	21,360	239	14,340	117	7,020
40-acre.....	529	21,160	385	15,400	144	5,760
10-acre.....	5	50	3	30	2	20
Total...	241,302	30,736,090	196,465	24,814,150	44,837	5,921,940

## SUMMARY.

Act 1847.....	88,114	13,189,120	81,071	12,227,240	7,043	961,880
Act 1850.....	189,080	13,162,480	168,650	11,984,480	20,430	1,178,000
Act 1852.....	11,983	693,880	9,825	559,120	2,158	134,760
Act 1855.....	241,302	30,736,090	196,465	24,814,150	44,837	5,921,940
Total...	530,479	57,781,570	456,011	49,584,990	74,468	8,196,580

No. 8.—Statement of public lands sold, of cash, &c., received therefor, account thereof, in the first half of the fiscal year

Land offices.	Quantity sold in first half of the fiscal year at and above the minimum price, \$1 25, and amount received for the same.		Quantity sold in the first half of the fiscal year at graduated prices.				
	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
<b>OHIO.</b>							
Chillicothe .....	1,254.08	\$2,117 62	Acres.	Acres.	Acres.	Acres.	Acres.
<b>INDIANA.</b>							
Vincennes .....	40.00	50 00					799.44
Indianapolis .....	160.00	200 00					
Total .....	200.00	250 00					799.44
<b>ILLINOIS.</b>							
Springfield .....	2,513.76	4,628 07			80.00	1,171.53	5,323 87
<b>MISSOURI.</b>							
St. Louis .....	3,203.42	6,761 37			1,798.55	358.68	311.25
Boonville .....	2,892.75	4,590 04	200.00	319.76	440.00	240.00	3,624.31
Jackson .....	8,689.58	12,856 54	1,094.03		15,462.19	40,688.39	196,869.67
Warsaw .....	2,712.36	3,894 38	3,615.75	1,765.07	17,939.17	638.47	280.00
Springfield .....	3,513.35	8,822 79	4,232.10	3,273.52	10,801.77	112,215.66	
Total .....	21,011.46	36,935 12	9,141.88	5,358.35	46,441.68	154,141.22	201,085.23
<b>ALABAMA.</b>							
St. Stephens .....	1,172.68	1,567 09		160.14	2,802.70		30,036.78
Greenville .....	10,845.04	14,178 88		678.24	15,449.69	31,704.99	30,574.56
Huntsville .....	441.08	551 35				9,872.26	108,548.89
Tuscaloosa .....							32,580.60
Elba .....	7,332.60	9,348 61	320.00	600.00		6,117.84	12,945.44
Demopolis .....	671.57	839 46		2,821.18			7,011.56
Montgomery .....	520.59	720 31			24,529.77		
Centre .....	1,922.37	1,555 55	533.91	2,110.47	30,756.79	76,619.62	
Total .....	22,205.93	28,761 25	853.91	6,370.03	73,268.95	124,314.71	221,697.83
<b>MISSISSIPPI.</b>							
Washington .....	3,409.08	4,261 35					65,873.83
Augusta .....	15,462.00	35,627 66	3,580.25	10,751.24	41.75	4,212.09	9,484.28
Jackson .....	944.08	2,151 15					5,657.62
Grenada .....	1,647.30	2,059 13	2,206.79	7,624.07			
Columbus .....	10,568.56	15,862 94	7,141.94	23,694.80	77.40	141.86	1,328.15
Total .....	32,031.02	59,962 23	12,928.98	42,070.11	119.15	4,353.95	82,843.88
<b>LOUISIANA.</b>							
New Orleans .....	192.88	241 10					
Opelousas .....	2,553.56	3,222 77	40.13	39.91	1,300.80	1,045.45	1,344.93
Monroe .....	26,319.46	34,400 83	119.77	17,922.91	35,329.40	11,386.74	16,591.54
Greensburg .....	1,550.03	1,937 54				44,722.67	
Natchitoches .....	30,122.47	39,371 84	949.50	8,769.02	77,422.16	19,013.37	1,246.19
Total .....	60,738.40	79,174 08	1,109.40	26,731.84	114,052.36	76,168.23	19,182.66

\* Includes amount paid by the



of incidental expenses thereon, and of payments into the Treasury on commencing on July 1, 1859, and ending June 30, 1860.

Quantity sold at graduated prices, and am't received for the same.		Aggregate quantity sold at all prices, and am't received for the same.		Amount received in military bounty land scrip and cash.		Incidental expenses.	Amount paid into the Treasury during the first half of the fiscal year.
Acres.	Amount.	Acres.	Amount.	Mil. bounty land scrip.	Cash.		
6,833.04	\$926 17	8,087.12	\$3,043 79	.....	\$3,043 79	\$905 64	\$4,018 80
799.44	99 88	839.44	149 88	.....	149 88	297 49	19 28
.....	.....	160.00	200 00	.....	200 00	1,238 01	260 15
799.44	99 88	999.44	349 88	.....	349 88	1,535 50	279 43
6,575.40	998 37	9,089.16	5,626 44	\$677 77	4,948 67	859 34	4,270 51
2,468.48	1,027 89	5,671.90	7,789 26	800 00	6,989 26	4,634 68	*7,017 39
4,824.07	1,173 05	7,716.82	5,763 09	3,421 71	2,341 38	1,376 85	1,376 15
254,114.28	43,608 53	262,803.86	56,465 07	5,768 79	50,696 28	3,214 61	66,701 47
24,238.46	14,103 84	26,950.82	17,998 22	10,825 71	7,712 51	1,154 34	7,706 90
130,523.07	40,142 44	134,036.42	48,975 23	32,057 03	16,918 20	3,958 21	7,592 84
416,168.36	100,055 75	437,179.82	136,990 87	52,333 24	84,657 63	14,338 69	90,394 75
32,999.62	5,276 06	34,172.30	6,843 15	.....	6,843 15	1,442 32	7,603 47
78,407.48	19,981 58	89,252.52	34,160 46	.....	34,160 46	1,549 33	32,609 17
118,421.15	16,036 65	118,862.23	16,588 00	.....	16,588 00	2,646 70	17,439 60
32,580.60	4,072 58	32,580.60	4,072 58	.....	4,072 58	1,283 46	787 75
19,983.28	3,837 65	27,315.88	13,186 26	.....	13,186 26	1,232 66	15,557 12
9,832.74	2,992 33	10,504.31	3,831 79	.....	3,831 79	732 30	800 00
24,259.77	12,129 88	24,780.36	12,850 19	.....	12,850 19	1,199 58	12,787 98
110,020.79	36,650 04	111,243.16	38,205 59	.....	38,205 59	3,428 10	36,908 74
426,505.43	100,976 77	448,711.36	129,738 02	.....	129,738 02	13,514 45	124,493 83
65,873.83	8,234 22	69,282.91	12,495 57	.....	12,495 57	2,208 17	10,106 39
28,069.61	13,903 10	43,531.61	49,530 76	.....	49,530 76	1,915 28	53,450 93
5,657.62	707 21	6,601.70	2,858 36	.....	2,858 36	655 09	693 48
9,830.86	7,924 85	11,478.16	9,983 98	.....	9,983 98	1,182 60	12,359 60
32,384.15	25,153 23	42,952.71	41,016 17	.....	41,016 17	1,894 21	33,071 76
141,816.07	55,922 61	173,847.09	115,884 84	.....	115,884 84	7,855 35	109,681 64
.....	.....	192.88	241 10	.....	241 10	1,058 53	1,752 10
3,771.22	1,149 94	6,324.78	4,372 71	.....	4,372 71	777 43	3,439 45
81,350.36	36,147 25	107,669.82	70,548 12	.....	70,548 12	2,940 77	54,478 91
44,722.67	11,180 66	46,272.70	13,118 20	.....	13,118 20	1,708 86	12,353 60
107,400.24	51,146 45	137,522.71	90,518 29	.....	90,518 29	1,871 98	45,000 00
237,244.49	99,624 34	297,982.89	178,798 42	.....	178,798 42	8,357 57	117,024 06

receiver of discontinued districts.

## No. 8.—Statement of public lands sold,

Land offices.	Quantity sold in first half of the fiscal year at and above the minimum price, \$1 25, and amount received for the same.		Quantity sold in the first half of the fiscal year at graduated prices.				
	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
<b>MICHIGAN.</b>							
Detroit.....	162.13	\$202 67	.....	.....	8,685.51	80.00	360.00
East Saginaw.....	888.53	1,110 66	.....	.....	2,698.07	3,531.75	.....
Ionia.....	336.94	421 17	.....	119.82	9,357.98	3,919.53	.....
Marquette.....	2,260.31	2,825 43	.....	.....	.....	.....	.....
Traverse City.....	1,181.50	1,476 88	42.90	993.09	.....	.....	.....
Total.....	4,829.41	6,036 81	42.90	1,112.91	20,741.56	7,531.28	360.00
<b>ARKANSAS.</b>							
Batesville.....	2,275.88	4,390 22	1,289.25	9,337.03	1,654.72	20,676.97	52,745.50
Little Rock.....	9,514.25	14,509 72	5,283.36	16,632.15	905.52	16,624.08	65,417.69
Washington.....	15,657.99	22,546 60	5,282.73	28,474.28	8,136.47	7,777.04	20,181.11
Fayetteville.....	2,429.31	3,036 64	3,149.83	5,835.80	8,014.43	5,398.69	.....
Helena.....	502.64	688 31	320.05	1,097.73	44.00	1,191.55	120.00
Clarksville.....	8,108.73	15,321 13	7,807.65	26,162.04	2,400.35	2,364.22	7,545.84
Champagnole.....	28,964.12	36,639 65	17,514.48	30,413.60	7,311.45	36,881.47	19,234.08
Total.....	67,452.92	97,132 27	40,647.35	117,972.63	28,462.94	90,913.99	165,244.22
<b>FLORIDA.</b>							
Tallahassee.....	836.59	1,045 73	159.96	.....	.....	6,400.25	20,465.95
St. Augustine.....	845.27	1,058 59	.....	72.26	.....	.....	.....
Newnansville.....	1,979.85	2,675 01	1,100.81	2,989.52	360.76	10,421.12	358.83
Tampa.....	929.22	1,161 53	.....	.....	.....	.....	.....
Total.....	4,590.93	5,938 86	1,260.77	3,061.78	360.76	16,821.37	20,824.78
<b>IOWA.</b>							
Dubuque.....	47.40	59 25	.....	168.69	.....	.....	.....
Chariton.....	80.06	100 07	.....	.....	.....	.....	.....
Fort Des Moines.....	476.15	735 18	.....	.....	.....	.....	.....
Council Bluffs.....	612.74	1,615 92	.....	.....	.....	.....	.....
Osage.....	302.48	378 10	.....	.....	.....	.....	.....
Fort Dodge.....	2,324.13	3,789 67	.....	.....	.....	.....	.....
Sioux City.....	518.02	2,766 07	.....	.....	.....	.....	.....
Total.....	4,360.98	9,444 26	.....	168.69	.....	.....	.....
<b>WISCONSIN.</b>							
Menasha.....	2,019.65	2,588 04	80.00	160.00	3,264.71	.....	.....
Hudson.....	1,167.19	1,458 98	.....	.....	.....	.....	.....
Stevens' Point.....	3,621.40	4,526 75	.....	95.54	.....	.....	.....
La Grosse.....	3,043.48	3,954 34	4,468.89	520.00	280.00	.....	.....
Superior.....	148.69	191 07	.....	.....	.....	.....	.....
Eau Claire.....	1,427.09	1,832 28	.....	.....	.....	.....	.....
Total.....	11,427.50	14,551 46	4,548.89	775.54	3,644.71	.....	.....
<b>CALIFORNIA.</b>							
San Francisco.....	1,400.00	1,750 00	.....	.....	.....	.....	.....
Los Angeles.....	39.71	49 64	.....	.....	.....	.....	.....
Marysville.....	4,755.96	5,945 00	.....	.....	.....	.....	.....
Humboldt.....	3,212.83	4,016 02	.....	.....	.....	.....	.....
Stockton.....	2,982.38	3,727 99	.....	.....	.....	.....	.....
Visalia.....	5,511.37	6,889 21	.....	.....	.....	.....	.....
Total.....	17,902.25	22,377 86	.....	.....	.....	.....	.....

\* Includes amounts paid by the

of cash received, &c.—Continued.

Quantity sold at graduated prices, and amt received for the same.		Aggregate quantity sold at all prices, and amt received for the same.		Amount received in military bounty land scrip and cash.		Incidental expenses.	Amount paid into the Treasury during the first half of the fiscal year.
Acres.	Amount.	Acres.	Amount.	Mil. bounty land scrip.	Cash.		
9,125.51	\$4,407.76	9,287.64	\$4,610.43	.....	\$4,610.43	\$887.40	\$4,610.43
6,229.82	2,231.96	7,118.35	3,342.62	.....	3,342.62	803.12	3,810.00
13,397.33	5,748.73	13,734.27	6,169.90	.....	6,169.90	1,175.96	6,160.00
.....	.....	2,260.31	2,825.43	.....	2,825.43	796.67	*1,177.73
1,035.99	787.71	2,217.49	2,264.59	.....	2,264.59	596.28	*5,265.10
29,788.65	13,176.16	34,618.06	19,212.97	.....	19,212.97	4,259.43	21,023.26
85,703.47	20,881.77	87,979.35	25,271.99	.....	25,271.99	3,011.88	17,330.06
104,882.80	30,558.67	114,397.05	45,068.39	.....	45,068.39	2,726.76	45,068.39
69,851.63	35,173.71	85,509.62	57,720.31	.....	57,720.31	2,763.77	45,000.00
92,398.75	19,897.19	94,828.06	15,933.83	.....	15,933.83	1,082.98	8,361.00
2,769.30	1,476.94	3,271.94	2,164.55	.....	2,164.55	847.38	670.00
46,280.10	30,163.64	54,388.83	45,484.77	.....	45,484.77	2,005.89	39,758.50
111,355.08	55,604.93	140,319.20	92,244.58	.....	92,244.58	3,898.73	82,600.00
443,241.13	186,756.15	510,694.05	283,888.42	.....	283,888.42	16,337.39	238,787.95
27,026.16	4,318.26	27,862.75	5,363.99	.....	5,363.99	1,549.09	8,100.32
72.26	54.20	917.53	1,110.79	.....	1,110.79	520.15	833.00
15,231.04	6,173.47	17,210.89	8,848.48	.....	8,848.48	1,256.94	5,747.46
.....	.....	929.22	1,161.53	.....	1,161.53	520.12	850.60
42,329.46	10,545.93	46,920.39	16,484.79	.....	16,484.79	3,846.30	15,531.38
168.69	126.52	216.09	185.77	.....	185.77	234.90	.....
.....	.....	80.06	100.07	.....	100.07	227.82	2,705.00
.....	.....	476.15	735.18	.....	735.18	1,337.33	1,393.00
.....	.....	612.74	1,615.92	.....	1,615.92	559.04	2,192.00
.....	.....	302.48	378.10	.....	378.10	212.44	12,788.32
.....	.....	2,324.13	3,789.67	.....	3,789.67	817.63	3,793.00
.....	.....	518.02	2,766.07	.....	2,766.07	1,019.92	2,573.50
168.69	126.52	4,529.67	9,570.78	.....	9,570.78	4,409.08	25,444.82
3,604.71	1,882.35	5,624.36	4,470.39	.....	4,470.39	1,103.06	5,837.73
.....	.....	1,167.19	1,458.98	.....	1,458.98	777.85	1,987.25
95.54	71.65	3,716.94	4,598.40	.....	4,598.40	614.95	4,980.00
5,268.29	4,998.89	8,312.37	8,953.23	.....	8,209.32	835.99	*8,021.57
.....	.....	148.69	191.07	.....	191.07	984.68	907.41
.....	.....	1,427.09	1,832.28	.....	300.00	1,532.28	3,042.00
8,969.14	6,952.89	20,396.64	21,504.35	.....	1,043.91	20,460.44	24,775.96
.....	.....	1,400.00	1,750.00	.....	.....	1,750.00	.....
.....	.....	39.71	49.64	.....	.....	49.64	3,300.00
.....	.....	4,755.96	5,945.00	.....	.....	5,945.00	3,641.52
.....	.....	3,212.83	4,016.02	.....	.....	4,016.02	3,802.00
.....	.....	2,982.32	3,727.99	.....	.....	3,727.99	3,591.82
.....	.....	5,511.37	6,889.21	.....	.....	6,889.21	3,388.75
.....	.....	17,902.25	22,377.86	.....	.....	22,377.86	22,497.47
.....	.....	.....	.....	.....	.....	.....	26,155.8

receiver of discontinued districts.

## No. 8.—Statement of public lands sold

Land offices.	Quantity sold in first half of the fiscal year at and above the minimum price, \$1 25, and amount received for the same.		Quantity sold in the first half of the fiscal year at graduated prices.				
	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
<b>MINNESOTA.</b>							
Cambridge.....	400.41	\$500 51					
St. Cloud.....	1,075.51	1,394 39					
Chatfield.....	856.55	1,381 06					
Forest City.....	1,596.80	2,104 74					
St. Peter.....	251.81	348 76					
Henderson.....	1,002.83	1,382 65					
Portland.....	514.78	643 69					
Ottertail City.....	53.57	66 96					
Total.....	5,752.26	7,822 76					
<b>OREGON TERRITORY.</b>							
Oregon City.....	70.55	88 18					
Winchester.....	849.93	1,062 42					
Total.....	920.48	1,150 60					
<b>WASHINGTON TERRITORY.</b>							
Olympia.....	1,106.19	1,382 75					
<b>KANSAS TERRITORY.</b>							
Lecompton.....	18,687.22	23,437 79					
Kickapoo.....	14,753.14	18,541 41					
Fort Scott.....	83.72	104 65					
Junction City.....	4,291.26	5,471 32					
Total.....	37,815.40	47,555 17					
<b>NEBRASKA TERRITORY.</b>							
Omaha City.....	9,893 63	12,572 83					
Brownsville.....	8,064.64	10,838 83					
Nebraska City.....	3,901.13	4,886 83					
Dakota City.....	1,777.37	2,221 71					
Total.....	24,236.77	30,520 20					
<b>NEW MEXICO.</b>							
Santa Fé.....							

## RECAPIT

STATES AND TERRITORIES.	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
Ohio.....	1,254.08	\$2,117 62					6,833.04
Indiana.....	200.00	250 00					799.44
Illinois.....	2,513.76	4,628 07			80.00	1,171.53	5,323.87
Missouri.....	21,011.46	36,935 12	9,141.88	5,358.35	46,441.68	154,141.22	201,085.23
Alabama.....	22,205.93	28,761 25	853.91	6,370.03	73,268.95	124,314.71	221,697.83
Mississippi.....	32,031.02	59,932 23	12,928.98	42,070.11	119.15	4,353.95	82,343.88
Louisiana.....	60,738.40	79,174 08	1,109.40	26,731.84	114,052.36	76,168.23	19,182.66
Michigan.....	4,829.41	6,036 81	42.90	1,112.91	20,741.56	7,531.28	360.00
Arkansas.....	67,452.92	97,132 27	40,647.35	117,972.63	28,462 94	90,913.99	165,244.22
Florida.....	4,590.93	5,938 86	1,260.77	3,061.78	360.76	16,821.37	20,824.78
Iowa.....	4,360.98	9,444 26		168.69			
Wisconsin.....	14,427.50	14,551 46	4,548.89	775.54	3,644.71		
California.....	17,902.25	23,377 86					
Minnesota.....	5,752.26	7,822 76					
Oregon Territory.....	920.48	1,150 60					
Washington Territory.....	1,106.19	1,382 75					
Kansas Territory.....	37,815.40	47,555 17					
Nebraska Territory.....	24,236.77	30,520 20					
New Mexico.....							
Total.....	320,349.74	455,741 37	70,534.08	203,621.88	287,172.11	475,416.28	723,694.95

\* Includes amounts paid by the

of cash received, &c.—Continued.

Quantity sold at graduated prices, and amt't received for the same.		Aggregate quantity sold at all prices, and amt't received for the same.		Amount received in military bounty land scrip and cash.		Incidental expenses.	Amount paid into the Treasury during the first half of the fiscal year.
Acres.	Amount.	Acres.	Amount.	Mil. bounty land scrip.	Cash.		
		400.41	\$500 51		\$500 51	\$603 01	\$800 00
		1,075.51	1,394 39		1,394 39	665 98	1,230 00
		856.55	1,381 06		1,381 06	542 28	1,898 39
		1,586.80	2,104 74		2,104 74	552 56	*3,575 00
		251.81	348 76		348 76	602 66	1,000 00
		1,002.83	1,382 65		1,382 65	581 84	4,585 39
		514.78	643 69		643 69	791 70	
		53.57	66 96		66 96	927 20	
		5,752.26	7,822 76		7,822 76	5,267 23	13,088 78
		70.55	88 18		88 18	2,700 00	125 53
		849.93	1,062 42		1,062 42	2,998 88	1,400 00
		920.48	1,150 60		1,150 60	5,698 88	1,525 53
		1,106.19	1,382 75		1,382 75	4,193 00	2,035 23
		18,687.28	23,437 79	\$848 54	22,589 25	2,416 75	35,178 25
		14,753.14	18,541 41	5,909 17	12,632 24	658 33	13,720 00
		83.72	104 65		104 65	254 05	
		4,291.26	5,471 32		5,471 32	868 84	4,912 16
		37,815.40	47,555 17	6,757 71	40,797 46	4,197 98	53,810 41
		9,893.63	12,572 83	253 66	12,319 17	1,197 13	17,494 61
		8,664.64	10,838 83	250 00	10,588 83	881 45	15,050 00
		3,901.13	4,886 83	150 00	4,736 83	1,003 93	3,500 00
		1,777.37	2,221 71	200 00	2,021 71	972 87	5,329 40
		24,236 77	30,520 20	853 66	29,666 54	4,055 38	41,374 01
						3,450 63	

ULATION.

6,833.04	\$926 17	8,087.12	\$3,043 79	\$3,043 79	\$905 64	\$4,018 80
799.44	99 88	999.44	349 88	349 88	1,535 50	279 43
6,575.40	998 37	9,089.16	5,626 44	\$677 77	4,948 67	4,270 51
416,168.36	100,055 75	487,179.82	136,990 87	52,333 24	84,657 63	90,394 75
426,505.43	100,976 77	448,711.36	129,738 02		129,738 02	124,493 83
141,816.07	55,932 61	173,847.09	115,884 84		115,884 84	109,681 64
237,244.49	99,624 34	297,982.89	178,798 42		178,798 42	117,024 06
29,788.65	13,176 16	34,618.06	19,219 97		19,219 97	21,023 26
443,241.13	186,756 15	510,694.05	283,888 42		283,888 42	238,787 95
42,329.46	10,545 93	46,920.39	16,484 79		16,484 79	15,531 36
168.69	126 52	4,529.67	9,570 78		9,570 78	25,444 82
8,969.14	6,952 89	20,396.64	21,504 35	1,043 91	20,460 44	24,775 96
		17,902.25	22,377 86		22,377 86	26,155 85
		5,752.26	7,822 76		7,822 76	13,088 78
		920.48	1,150 60		1,150 60	1,525 53
		1,106.19	1,382 75		1,382 75	2,035 23
		37,815.40	47,555 17	6,757 71	40,797 46	53,810 41
		24,236.77	30,520 20	853 66	29,666 54	41,374 01
					3,450 63	
1,760,439.30	576,161 54	2,080,789.04	1,031,902 91	61,666 29	970,236 62	130,439 27
						913,716 20

receiver of discontinued districts.

No. 9.—Statement of public land sold, of cash, &c., received therefor, account thereof, in the second half of the fiscal year

Land offices.	Quantity sold in second half of the fiscal year at and above the minimum price, \$1 25, and amount received for the same.		Quantity sold in second half of the fiscal year at graduated prices.				
	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
OHIO.							
Chillicothe .....	160.00	\$1,110 00	Acres.	Acres.	Acres.	Acres.	Acres.
INDIANA.							
Vincennes .....	69.49	86 81					
Indianapolis .....	13.00	16 25					29.37
Total .....	82.49	103 06					29.37
ILLINOIS.							
Springfield .....	1,979.34	2,924 18		253.36	51.51	927.18	4,048.12
MISSOURI.							
St. Louis .....	1,828.42	3,148 62			485.77	1,160.00	61.25
Boonville .....	1,517.53	2,453 25	364.56	321.23	160.00		829.01
Jackson .....	5,348.27	7,551 61	676.21	40.00	6,143.04	25,297.86	89,428.37
Warsaw .....	2,485.86	4,107 78	1,881.79	2,211.55	10,733.75	80.00	120.00
Springfield .....	4,573.68	11,712 75	4,933.20	3,949.83	7,393.61	28,543.12	
Total .....	15,753.76	28,974 01	7,855.76	5,922.61	24,916.17	55,080.98	90,438.63
ALABAMA.							
St. Stephen's .....	1,483.36	2,536 33			4,103.24		13,027.70
Greenville .....	12,841.66	24,383 55	39.92	642.31	18,461.17	19,248.87	15,453.21
Huntsville .....	917.34	1,560 67				6,529.09	60,969.80
Tuscaloosa .....	1,082.00	1,436 63			1,112.12	11,150.11	62,557.93
Elba .....	957.28	1,202 61				4,444.04	18,872.62
Demopolis .....	3,398.84	5,665 66		4,595.05			4,525.12
Montgomery .....	1,282.88	1,603 62			6,157.22		
Centre .....	3,365.82	4,843 64	4,874.02	3,016.72	9,657.84	8,236.85	
Total .....	25,329.18	43,232 71	4,913.94	8,254.08	39,491.59	49,608.96	175,406.38
MISSISSIPPI.							
Washington .....	3,077.18	3,846 37					42,493.42
Paulding, formerly Augusta .....	19,206.48	43,235 00	2,512.56	11,182.16	80.93	1,154 99	5,324.36
Jackson .....	432.93	541 16			80.12		3,930.99
Grenada .....	1,737.66	2,172 07	1,847.75	5,025.70			
Columbus .....	6,194.65	9,188 13	3,325.66	19,017.12	80.00	120.32	311.21
Total .....	30,648.90	58,982 73	7,685.97	35,224.98	241.05	1,275.31	52,059.98
LOUISIANA.							
New Orleans .....	967.31	1,209 14					
Opelousas .....	50,543.79	84,860 59	689.29	450.97	2,877.41	27,890.41	16,796.77
Monroe .....	8,400.75	12,462 15	39.79	279.66	36,776.85	9,656.46	12,665.09
Greensburg .....	2,147.87	2,684 83					18,922.72
Natchitoches .....	22,229.68	28,766 89	229.91	4,909.42	43,946.57	9,481.45	1,264.42
Total .....	84,289.40	129,983 60	958.99	5,640.05	83,600.83	65,951.04	30,726.28
MICHIGAN.							
Detroit .....	263.40	329 27			5,971.45	80.00	80.00
East Saginaw .....	634.87	793 59			5,346.58	1,850.05	
Ionia .....	422.48	548 10			4,797.62	2,357.17	
Marquette .....	5,778.33	7,222 97					
Traverse City .....	1,329.65	1,708 16		40.00			
Total .....	8,428.73	10,602 09		40.00	16,115.65	4,287.22	80.00

of incidental expenses thereon, and of payments into the Treasury on commencing on July 1, 1859, and ending June 30, 1860.

Quantity sold at graduated prices, and amt't received for the same.		Aggregate quantity sold at all prices, and amt't received for the same.		Amount received in military bounty land scrip and cash.		Incidental expenses.	Amount paid into the Treasury during the second half of the fiscal year.
Acres.	Amount.	Acres.	Amount.	Mil. bounty land scrip.	Cash.		
160.39	\$20 07	320.39	\$1,130 07	.....	\$1,130 07	\$605 00	\$670 20
.....	.....	69.49	86 61	.....	86 61	255 00	.....
29.37	3 67	42.37	19 92	.....	19 92	993 53	.....
29.37	3 67	111.86	106 73	.....	106 73	1,248 53	.....
5,280.17	953 58	7,259.51	3,877 76	\$2,199 84	1,677 92	1,187 00	8,779 85
1,707.02	540 55	3,535.44	3,689 17	600 00	3,089 17	2,057 98	3,024 17
1,674.80	789 12	3,192.33	3,242 37	2,299 26	943 11	1,227 88	1,429 32
121,585.48	21,280 80	126,933.75	26,832 41	2,092 06	26,740 35	3,058 85	30,391 73
15,027.09	8,942 39	17,512.95	13,050 17	6,531 98	6,518 19	948 35	6,751 38
44,219.76	18,278 14	48,793.44	29,990 89	27,520 57	2,470 32	1,303 51	2,175 00
184,214.15	49,831 00	199,967.91	78,805 01	39,043 87	39,761 14	8,596 57	43,771 60
17,130.94	3,680 07	18,614.30	6,216 40	.....	6,216 40	1,710 34	3,146 78
53,845.48	16,496 10	66,687.14	40,879 65	.....	40,879 65	2,085 89	24,238 84
67,498.69	9,253 49	68,416.23	10,814 16	.....	10,814 16	2,304 72	12,320 79
74,820.16	11,163 32	75,902.16	12,599 85	.....	12,599 95	2,384 82	14,106 43
23,316.66	3,470 07	24,273.94	4,672 68	.....	4,672 68	1,483 08	4,623 67
8,120.17	4,011 96	12,519.01	9,677 62	.....	9,677 62	780 53	808 00
6,157.22	3,078 60	7,440.10	4,682 22	.....	4,682 22	769 87	3,774 88
25,785.43	14,034 68	29,151.25	18,878 32	.....	18,878 32	1,679 40	16,441 20
277,674.95	65,188 29	303,004.13	108,421 00	.....	108,421 00	13,198 65	79,460 59
42,493.42	5,311 66	45,570.60	9,158 03	.....	9,158 03	2,132 14	10,944 13
20,255.00	11,893 94	39,461.48	55,128 94	.....	55,128 94	2,127 68	51,805 90
4,011.11	531 43	4,444.04	1,072 59	.....	1,072 59	715 89	3,548 30
6,873.45	5,617 03	8,611.11	7,789 10	.....	7,789 10	898 34	20,404 08
22,654.31	17,697 48	29,048.96	26,885 61	.....	26,885 61	1,575 93	35,327 12
96,487.29	41,051 54	127,136.19	100,034 27	.....	100,034 27	7,449 98	122,029 53
.....	.....	967.31	1,209 14	.....	1,209 14	883 87	.....
48,704.85	11,538 43	99,248.64	96,399 02	150 00	96,249 02	2,059 71	88,250 00
59,417.85	22,635 22	67,818.60	35,097 37	.....	35,097 37	2,319 25	49,690 00
18,922.72	4,730 68	21,070.59	7,415 51	.....	7,415 51	1,089 11	7,066 20
59,831.77	28,413 67	82,061.45	57,180 56	.....	57,180 56	2,558 43	73,505 00
186,877.19	67,318 00	271,166.59	197,301 60	150 00	197,151 60	8,910 37	218,511 20
6,131.45	3,015 73	6,394.85	3,345 00	.....	3,345 00	702 47	3,345 00
7,196.63	3,135 79	7,831.50	3,929 38	.....	3,929 38	825 27	4,164 00
7,154.79	2,988 11	7,577.27	3,536 21	.....	3,536 21	720 06	4,050 00
.....	.....	5,778.33	7,222 97	.....	7,222 97	407 34	1,101 41
40.00	30 00	1,369.65	1,738 16	.....	1,738 16	776 71	3,019 41
20,522.87	9,169 63	28,951.60	19,771 72	.....	19,771 72	3,431 85	15,679 82

No. 9.—Statement of public lands sold,

Land offices.	Quantity sold in second half of the fiscal year at and above the minimum price, @ \$1 25, and amount received for the same.		Quantity sold in second half of the fiscal year at graduated prices.				
	Acres.	Amount.	At \$1 per acre.	At 75 cts. acre.	At 50 cts. acre.	At 25 cts. acre.	At 12½ cts. acre.
<b>ARKANSAS.</b>							
Batesville .....	2,956.48	\$4,510 25	Acres. 1,674.14	Acres. 6,854.15	Acres. 1,647.57	Acres. 15,430.37	Acres. 47,532.55
Little Rock .....	12,812.79	19,832 70	6,317.02	10,527.86	1,252.79	24,381.52	37,495.82
Washington .....	14,145.06	20,078 89	2,828.06	15,444.96	5,627.15	4,441.87	10,359.25
Fayetteville .....	2,082.12	2,602 65	3,490.75	8,827.39	12,860.04	11,604.87	.....
Clarksville .....	7,188.63	12,584 57	3,046.25	17,227.13	1,923.99	3,051.87	7,754.49
Champagnole .....	24,529.92	31,252 82	10,521.49	16,467.14	2,791.47	6,642.15	3,782.42
Total .....	63,715.00	90,861 88	27,877.71	75,348.63	26,103.01	65,532.65	106,924.53
<b>FLORIDA.</b>							
Tallahassee .....	2,597.59	6,022 70	.....	.....	.....	2,557.37	11,598.13
St. Augustine .....	752.45	961 72	.....	319.80	.....	.....	.....
Newnansville .....	2,347.21	7,056 64	158.16	1,639.83	120.00	984.96	.....
Tampa .....	204.85	256 07	.....	.....	.....	.....	.....
Total .....	5,902.10	14,297 13	158.16	1,959.63	120.00	3,542.33	11,598.13
<b>IOWA.</b>							
Fort Des Moines .....	1,213.45	1,866 81	.....	.....	.....	.....	.....
Council Bluffs .....	595.77	1,394 71	.....	.....	.....	.....	.....
Fort Dodge .....	105.96	732 45	.....	.....	.....	.....	.....
Sioux City .....	80.00	100 00	.....	.....	.....	.....	.....
Total .....	1,995.18	4,093 97	.....	.....	.....	.....	.....
<b>WISCONSIN.</b>							
Menasha .....	518.93	673 75	201.31	298.73	1,724.72	.....	.....
Hudson .....	831.45	1,189 31	.....	.....	.....	.....	.....
Stephens' Point .....	1,598.08	2,047 60	.....	160.00	.....	.....	.....
La Crosse .....	3,850.73	5,113 41	5,496.39	1,273.00	40.00	.....	.....
Superior .....	.....	.....	.....	.....	.....	.....	.....
Eau Claire .....	493.04	616 30	.....	.....	.....	.....	.....
Total .....	7,292.23	9,640 37	5,697.70	1,731.73	1,764.72	.....	.....
<b>CALIFORNIA.</b>							
San Francisco .....	926.80	1,158 48	.....	.....	.....	.....	.....
Los Angeles .....	.....	.....	.....	.....	.....	.....	.....
Marysville .....	4,908.08	6,135 16	.....	.....	.....	.....	.....
Humboldt .....	4,650.43	5,813 03	.....	.....	.....	.....	.....
Stockton .....	1,899.18	2,373 98	.....	.....	.....	.....	.....
Vasalia .....	6,987.70	8,734 60	.....	.....	.....	.....	.....
Total .....	19,372.19	24,215 25	.....	.....	.....	.....	.....
<b>MINNESOTA.</b>							
Cambridge .....	97.98	122 47	.....	.....	.....	.....	.....
St. Cloud .....	245.65	330 72	.....	.....	.....	.....	.....
Chatfield .....	356.27	594 61	.....	.....	.....	.....	.....
Forest City .....	200.98	251 22	.....	.....	.....	.....	.....
St. Peter .....	482.90	683 62	.....	.....	.....	.....	.....
Henderson .....	538.07	672 58	.....	.....	.....	.....	.....
Portland .....	82.88	103 60	.....	.....	.....	.....	.....
Ottertail City .....	.....	.....	.....	.....	.....	.....	.....
Total .....	2,004.73	2,758 82	.....	.....	.....	.....	.....

\* Includes amounts paid by late



of cash received, &c.—Continued.

Quantity sold at graduated prices, and am't received for the same.		Aggregate quantity sold at all places, and am't received for the same.		Amount received in military bounty land scrip and cash.		Incidental expenses.	Amount paid into the Treasury during the second half of the fiscal year.
Acres.	Amount.	Acres.	Amount.	Mil. bounty land scrip.	Cash.		
73,138.78	\$17,437 69	76,095.26	\$21,947 94	.....	\$21,942 94	\$2,357 75	\$28,325 14
79,975.01	25,631 78	92,787.80	45,454 48	.....	45,454 48	2,350 73	*48,143 67
38,681.29	19,625 73	52,826.35	39,704 62	.....	39,704 62	2,165 27	53,913 09
36,783.05	19,442 56	38,865.17	22,045 21	.....	22,045 21	1,727 17	27,260 00
33,003.73	18,660 89	40,192.36	31,245 46	.....	31,245 46	1,708 81	37,287 11
40,204.67	26,400 92	64,734.59	57,653 74	.....	57,653 74	2,862 04	64,047 54
301,786.53	127,189 57	365,501.53	218,051 45	.....	218,051 45	13,171 77	258,976 55
14,155.50	2,089 11	16,753.09	8,111 81	.....	8,111 81	1,065 15	8,617 47
519.80	239 85	1,072.25	1,201 57	.....	1,201 57	560 21	1,547 18
2,902.95	1,694 28	5,250.16	8,750 92	.....	8,750 92	1,083 70	10,437 41
.....	.....	204.85	256 07	.....	256 07	538 08	599 50
17,378.25	4,023 24	23,280.35	18,320 37	.....	18,320 37	3,247 14	21,201 56
.....	.....	1,213.45	1,866 81	\$58 33	1,808 48	773 29	*1,420 09
.....	.....	585.77	1,394 71	.....	1,394 71	566 42	650 00
.....	.....	105.96	732 45	.....	732 45	590 44	962 41
.....	.....	80.00	100 00	.....	100 00	556 00	751 00
.....	.....	1,995.18	4,093 97	58 33	4,035 64	2,486 15	3,783 50
2,924.76	1,287 71	2,743.69	1,961 46	.....	1,961 46	793 32	6,371 94
.....	.....	831.45	1,189 31	62 50	1,126 81	650 21	4,834 84
160.00	120 00	1,758.08	2,167 60	.....	2,167 60	624 50	2,300 00
6,809.39	6,471 14	10,660.12	11,584 55	12 03	11,572 52	1,020 01	12,409 14
.....	.....	493.04	616 30	.....	616 30	524 25	375 57
.....	.....	.....	.....	.....	.....	528 03	387 81
9,194.15	7,878 85	16,486.38	17,519 22	74 53	17,444 69	4,140 32	26,679 30
.....	.....	926.80	1,158 48	.....	1,158 48	3,240 00	.....
.....	.....	4,908.08	6,135 16	.....	6,135 16	3,645 98	4,533 95
.....	.....	4,650.43	5,813 03	.....	5,813 03	3,000 00	4,900 00
.....	.....	1,899.18	2,373 98	.....	2,373 98	3,240 00	3,452 46
.....	.....	6,987.70	8,734 60	.....	8,734 60	3,386 25	12,119 98
.....	.....	19,372.19	24,215 25	.....	24,215 25	19,812 23	25,006 39
.....	.....	97.98	122 47	.....	122 47	851 17	.....
.....	.....	245.65	330 72	.....	330 72	547 12	450 00
.....	.....	356.27	594 61	.....	594 61	536 95	1,100 00
.....	.....	200.98	251 22	.....	251 22	585 01	250 00
.....	.....	482.90	683 62	.....	683 62	533 16	650 00
.....	.....	538.07	672 58	.....	672 58	691 05	833 52
.....	.....	82.88	103 60	.....	103 60	459 98	450 00
.....	.....	.....	.....	.....	.....	510 49	.....
.....	.....	2,004.73	2,758 82	.....	2,758 82	4,714 93	3,733 52

receivers of discontinued districts.

No. 9.—Statement of public land sold,

Land office.	Quantity sold in second half of the fiscal year at and above the minimum price, \$1 25, and amount received for the same.		Quantity sold in second half of the fiscal year at graduated prices.				
	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
<b>OREGON TERRITORY.</b>							
Oregon City .....	91.05	\$113 81	Acres.	Acres.	Acres.	Acres.	Acres.
Roseburg, for'y Winchester..	553.77	692 22	.....	.....	.....	.....	.....
Total.....	644.82	806.03	.....	.....	.....	.....	.....
<b>WASHINGTON TERRITORY.</b>							
Olympia.....	257.65	322 06	.....	.....	.....	.....	.....
<b>KANSAS TERRITORY.</b>							
Lecompton.....	3,175.44	3,969 30	.....	.....	.....	.....	.....
Kickapoo .....	2,400.72	3,000 90	.....	.....	.....	.....	.....
Fort Scott .....	119.08	148 85	.....	.....	.....	.....	.....
Junction City.....	1,463.15	1,828 93	.....	.....	.....	.....	.....
Total.....	7,158.39	8,947 98	.....	.....	.....	.....	.....
<b>NEBRASKA TERRITORY.</b>							
Omaha City.....	1,847.85	2,309 81	.....	.....	.....	.....	.....
Brownsville.....	3,244.16	4,055 20	.....	.....	.....	.....	.....
Nebraska City .....	309.21	386 51	.....	.....	.....	.....	.....
Dakota City .....	394.00	492 50	.....	.....	.....	.....	.....
Total.....	5,795.22	7,244 02	.....	.....	.....	.....	.....
<b>NEW MEXICO.</b>							
Santa Fé .....	.....	.....	.....	.....	.....	.....	.....

RECAPITU

STATES AND TERRITORIES.	Acres.	Amount.	At \$1 per acre.	At 75 cts. per acre.	At 50 cts. per acre.	At 25 cts. per acre.	At 12½ cts. per acre.
Ohio .....	160.00	\$1,110 00	.....	.....	.....	.....	160.39
Indiana.....	82.49	103 06	.....	.....	.....	.....	29.37
Illinois.....	1,979.34	2,924 18	.....	253.36	51.51	927.18	4,048.12
Missouri.....	15,753.76	28,974 01	7,855.76	5,922.61	24,916.17	55,080.98	90,438.63
Alabama.....	25,329.18	43,232 71	4,913.94	8,254.08	39,491.59	49,608.96	175,406.38
Mississippi.....	30,648.90	58,982 73	7,685.97	35,224.98	241.05	1,275.31	52,059.98
Louisiana.....	84,289.40	129,983 60	958.99	5,640.05	83,600.83	65,951.04	30,726.22
Michigan.....	8,428.73	10,602 09	.....	40.00	16,115.65	4,287.22	80.00
Arkansas.....	63,715.00	90,861 88	27,877.71	75,348.63	26,103.01	65,532.65	106,924.53
Florida.....	5,902.10	14,297 13	158.16	1,959.63	120.00	3,542.33	11,598.13
Iowa.....	1,995.18	4,093 97	.....	.....	.....	.....	.....
Wisconsin.....	7,292.23	9,640 37	5,697.70	1,731.73	1,764.72	.....	.....
California.....	19,372.19	24,215 25	.....	.....	.....	.....	.....
Minnesota.....	2,004.73	2,758 82	.....	.....	.....	.....	.....
Oregon Territory.....	644.82	806 03	.....	.....	.....	.....	.....
Washington Territory.....	257.65	322 06	.....	.....	.....	.....	.....
Kansas Territory.....	7,158.39	8,947 98	.....	.....	.....	.....	.....
Nebraska Territory.....	5,795.22	7,244 02	.....	.....	.....	.....	.....
New Mexico.....	.....	.....	.....	.....	.....	.....	.....
Total.....	280,809.31	439,099 89	55,148.23	134,375.07	192,404.53	246,205.67	471,471.81

of cash received, &c.—Continued.

Quantity sold at graduated prices, and amt received for the same.		Aggregate quantity sold at all prices, and amt received for the same.		Amount received in military bounty land scrip and cash.		Incidental expenses.	Amount paid into the Treasury during the second half of the fiscal year.
Acres.	Amount.	Acres.	Amount.	Mil. bounty land scrip.	Cash.		
		91.05	\$113 81		\$113 81	\$2,713 13	\$412 32
		553.77	692 22		692 22	2,856 88	2,308 86
		644.82	806 03		806 03	5,570 01	2,721 18
		257.65	322 06		322 06	1,875 00	200 06
		3,175.44	3,969 30	\$2,252 01	1,717 29	623 63	5,402 50
		2,400.72	3,000 90	2,250 00	750 90	984 73	14,887 50
		119.08	148 85		148 85	529 75	
		1,463.15	1,828 93	350 00	1,478 93	593 18	4,131 46
		7,158.39	8,947 98	4,852 01	4,095 97	2,731 29	24,421 46
		1,847.85	2,309 81		2,309 81	651 09	2,400 00
		3,244.16	4,055 20		4,055 20	575 55	1,100 00
		309.21	386 51	200 00	186 51	536 15	3,620 00
		394.00	492 50		492 50	504 93	31 42
		5,795.22	7,244 02	200 00	7,044 02	2,267 72	7,151 42
						2,153 31	

LATION.

160.39	\$20 07	320.39	\$1,130 07		\$1,130 07	\$605 00	\$670 20
29.37	3 67	111.86	106 73		106 73	1,248 53	
5,280.17	953 58	7,259 51	3,877 76	\$2,199 84	1,677 92	1,187 00	8,779 85
184,214.15	49,831 00	199,967.91	78,805 01	33,043 87	39,761 14	8,596 57	43,771 60
277,674.95	65,188 29	303,004.13	108,421 00		108,421 00	13,198 65	79,460 59
96,487.29	41,051 54	127,136.19	100,034 27		100,034 27	7,409 98	122,029 53
186,877.19	67,318 00	271,168.59	197,301 60	150 00	197,151 60	8,910 37	218,511 20
20,522.87	9,169 63	28,951.60	19,771 72		19,771 72	3,431 85	15,679 82
301,786.53	127,189 57	365,501.53	218,051 45		218,051 45	13,171 77	258,976 55
17,378.25	4,023 24	23,280.35	18,320 37		18,320 37	3,247 14	21,901 56
		1,995.18	4,093 97	58 33	4,035 64	2,486 15	3,783 50
		16,486.38	17,519 22	74 53	17,444 69	4,140 32	26,679 30
		19,372.19	24,215 25		24,215 25	18,812 23	25,006 39
		2,004.73	2,758 82		2,758 82	4,714 93	3,733 52
		644.82	806 03		806 03	5,570 01	2,721 18
		257.65	322 06		322 06	1,875 00	200 06
		7,158.39	8,947 98	4,852 01	4,095 97	2,731 29	24,421 46
		5,795.22	7,244 02	200 00	7,044 02	2,267 72	7,151 42
						2,153 31	
1,099,605.31	372,627 44	1,380,414.62	811,727 33	46,578 58	765,148 75	106,797 82	862,777 73

*Estimate of appropriations required for the office of the Commissioner of the General Land Office for the fiscal year ending June 30, 1862.*

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1862.	Estimate of the balances of appropriations unexpended on June 30, 1861, which may in part be applied to the service of the next fiscal year.	Appropriations for the service of the fiscal year ending June 30, 1861.
For salary of Commissioner of the General Land Office, per act of July 4, 1836; 5 Laws, page 111, section 10.....	3,000 00		
For salary of Recorder, per same act and act of March 3, 1837; 5 Laws, pages 111 and 164.....	2,000 00		
For salary of chief clerk, per act March 3, 1853; 10 Laws, page 211.....	2,000 00		
For salary of three principal clerks of public lands, private land claims, and surveys, per act July 4, 1836, at \$1,800 each; 5 Laws, page 111.....	5,400 00		
For salary of three clerks of class four, per act of March 3, 1853; 10 Laws, page 211, section 3.....	5,400 00		
For salary of twenty-three clerks of class three, per same act and act of April 22, 1854; 10 Laws, pages 211 and 276.....	36,800 00		
For salary of forty clerks, of class two, per same acts.....	56,000 00		
For salary of forty clerks of class one, per same acts.....	48,000 00		
For salary of draughtsman, at \$1,600, and assistant draughtsman, at \$1,400, per act of July 4, 1836; 5 Laws, page 112, section 10, and act of April 22, 1854; 10 Laws, page 276.....	3,000 00		
For salary of two messengers and three assistant messengers, per act of July 4, 1836; 5 Laws, page 112, and per joint resolution of August 18, 1856; 11 Laws, page 145, viz:			
One messenger.....	\$840		
Four messengers, at \$700 each.....	2,800		
	3,640 00		
For salary of two packers, at \$600 each, per act of July 4, 1836; 5 Laws, page 112, act of September 30, 1850; 9 Laws, page 527, and joint resolution of August 18, 1856; 11 Laws, page 145	1,200 00		
For salary of seven laborers, per joint resolution of August 18, 1856; 11 Laws, page 145, and general appropriation act of June 23, 1860.....	4,200 00		
For salary of seven night watchmen, per same resolution and act.....	4,200 00		
For salary of one day watchman, per act of June 2, 1858; 11 Laws, page 301.....	600 00		
	175,440 00	.....	\$173,890 00

No. 10.—Continued.

*Additional appropriations under military act of March 3, 1855, and heretofore provided per act of August 18, 1856, making appropriations, &c., and subsequent acts.*

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1862.	Estimates of the balances of appropriations unexpended on June 30, 1861, which in part may be applied to the service of the next fiscal year.	Appropriations for the service of the fiscal year ending June 30, 1861.
For salary of one principal clerk, as director.....	\$2,000 00		
For salary of one clerk of class three.....	1,600 00		
For salary of four clerks of class two.....	5,600 00		
For salary of forty clerks of class one.....	48,000 00		
For salary of two laborers, per joint resolution of August 18, 1856; 11 Laws, p. 145.....	1,200 00		
	58,400 00	.....	\$58,400 00

*Provided, That the Secretary of the Interior, at his discretion, shall be, and he is hereby, authorized to use any portion of said appropriation for piece work, or by the day, week, month, or year, at such rate or rates as he may deem just and fair.*

No. 10.—Continued.

*Estimates of appropriations required to meet contingent expenses of the office of the Commissioner of the General Land Office for the fiscal year ending June 30, 1862.*

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1862.	Estimates of the balances of appropriations unexpended on June 30, 1861, which in part may be applied to the service of the next fiscal year.	Appropriations for the service of the fiscal year ending June 30, 1861.
For cash system and military patents under laws prior to September 28, 1850, patent and other records, tract books and blank-books for this and the district land offices, binding plats and field notes, stationery, furniture and repairs of same, and miscellaneous items, including two of the city daily papers to be filed, bound, and preserved for the use of the office ; also, for contingent expenses in addition under swamp land act of September 28, 1850, military bounty land acts of September 28, 1850, March 22, 1852, and act of August 31, 1852, for satisfaction of Virginia land warrants, and for contingent expenses under act of March 3, 1855, granting bounty land, and amendatory act of May 14, 1856, for patents, patent and other records, stationery, and miscellaneous items on account of bounty lands under said acts, and for fuel, lights, and incidental expenses attending the same, including pay of furnace-keepers .....	\$44,000 00	.....	\$44,000 00

*Estimate of appropriations required for surveying the public lands for the fiscal year ending June 30, 1862.*

Object of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1862.	Estimates of the balances of appropriations unexpended on June 30, 1861, which in part may be applied to the service of the next fiscal year.	Appropriations for the service of the fiscal year ending June 30, 1861.
For compensation of surveyors general and the clerks, and for contingent expenses of the surveyors general of Oregon, California, Washington, New Mexico, Kansas, Nebraska, and Utah, in addition to the unexpended balances of former appropriations:			
1. For compensation of the surveyor general of Florida, per act of March 2, 1833; see Statutes, page 624, section 1.....	\$2,000 00	.....	\$2,000 00
2. For compensation of the clerks in the office of the surveyor general of Florida, per act of May 9, 1836; Statutes, page 26, section 1.....	3,500 00	.....	3,500 00
3. For compensation of the surveyor general of Wisconsin and Iowa, per act of August 8, 1846; 9 Statutes, page 79, section 1.....	2,000 00	.....	2,000 00
4. For compensation of the clerks in the surveyor general's office at Wisconsin and Iowa, per act of August 8, 1846; 9 Statutes, page 79, section 1.....	6,300 00	.....	6,300 00
5. For compensation of the surveyor general of Oregon, per act of March 3, 1853; 10 Statutes, page 248, section 11.....	3,500 00	.....	3,500 00
6. For compensation of the clerks in the office of the surveyor general of Oregon, per act of September 27, 1850; 9 Statutes, page 496, section 2.....	4,000 00	.....	4,000 00
7. For compensation of the surveyor general of California, per act of March 3, 1853; 10 Statutes, page 244, section 1.....	4,500 00	.....	4,500 00
8. For compensation of the clerks in the office of the surveyor general of California, per act of March 3, 1853; 10 Statutes, page 245, section 2.....	11,000 00	.....	11,000 00
9. For compensation of the surveyor general of Washington Territory, per act of March 3, 1855; 10 Statutes, page 674, section 26.....	3,000 00	.....	3,000 00
10. For compensation of the clerks in the office of the surveyor general of Washington Territory, per act of March 3, 1855; 10 Statutes, page 674, section 26.....	4,000 00	.....	4,000 00
11. For compensation of the surveyor general of New Mexico, per act of July 22, 1854; 10 Statutes, page 308, section 1.....	3,000 00	.....	3,000 00
12. For compensation of the clerks in the office of the surveyor general of New Mexico, per act of July 22, 1854; page 308, section 1.....	4,000 00	.....	4,000 00

No. 11—Continued.

Object of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1862.	Estimates of the balances of appropriations unexpended on June 30, 1861, which in part may be applied to the service of the next fiscal year.	Appropriations for the service of the fiscal year ending June 30, 1861.
13. For compensation of a translator in the office of the surveyor general of New Mexico .....	\$2,000 00	.....	\$1,467 06
14. For compensation of the surveyor general of Kansas and Nebraska, per act of July 22, 1854; 10 Statutes, page 309, section 10.....	2,000 00	.....	2,000 00
15. For compensation of the clerks in the office of the surveyor general of Kansas and Nebraska, per act of July 22, 1854; 10 Statutes, page 309, section 10.....	6,300 00	.....	6,300 00
16. For compensation of the surveyor general of Utah, per act of February 21, 1855, 10 Statutes, page 611, section 1, and section 3 of act of March 3, 1857, 34th Congress, page 213.....	1,274 72	\$2,725 28	4,000 00
17. For compensation of the clerks in the office of the surveyor general of Utah, per act of February 21, 1855, 10 Statutes, page 611, section 1, and act of March 3, 1857, section 3, 34th Congress, page 213.....	1,380 43	2,619 57	4,000 00
18. For compensation of the surveyor general of Minnesota, per act of May 18, 1796, 1 Statutes, page 464, section 10, and act of March 3, 1857, section 3, 34th Congress, page 213.....	2,000 00	.....	2,000 00
19. For compensation of the clerks in the office of the surveyor general of Minnesota, per act of May 9, 1836, 5 Statutes, page 26, section 1, and act of March 3, 1857, section 3, 34th Congress, page 212.....	6,300 00	.....	6,300 00
20. For compensation of clerks in the offices of the surveyors general, to be apportioned to them according to the exigencies of the public service .....	25,000 00	.....	25,000 00
21. For salary of the recorder of land titles in Missouri, per act of March 2, 1805; 2 Statutes, page 326 .....	500 00	.....	500 00
22. For rent of the surveyor general's office in Oregon, fuel, books, stationery, and other incidental expenses, including pay of messenger; act of September 27, 1850, section 2; 9 Statutes, page 496 .....	2,500 00	.....	2,000 00
23. For rent of the surveyor general's office in California, fuel, books, stationery, and other incidental expenses, including pay of messenger; act of March 3, 1853, section 2; 10 Statutes, page 245.....	5,000 00	.....	2,500 00
24. For office rent for the surveyor general of Washington Territory, fuel, books, stationery, and other incidental expenses; act July 17, 1854, section 7; 10 Statutes, page 306 .....	3,000 00	.....	2,500 00
25. For rent of the surveyor general's office in New Mexico, fuel, books, stationery, and other incidental expenses; act July 22, 1854, section 1; 10 Statutes, page 308 .....	4,500 00	.....	2,500 00



26. For office rent of the surveyor general of Kansas and Nebraska, fuel, and incidental expenses; act July 22, 1854, section 10; 10 Statutes, page 310.....	2,000 00	500 00	2,500 00
27. For rent of the surveyor general's office in Utah, fuel, stationery, and other incidental expenses; act February 21, 1855, section 1; 10 Statutes, page 611. None estimated having sufficient balance unexpended.			
28. For preparing the unfinished records of public and private surveys, to be transferred to the State authorities, under the provisions of the act of June 12, 1840, in those districts where the surveys are about being completed; act January 22, 1855; 10 Statutes, page 152.....	8,800 00		
Total .....	123,355 15		

#### EXPLANATIONS.

13. The organic act provided no compensation for a translator. Special appropriations of \$2,000 per annum have been made for that purpose from year to year, except June 23, 1860, when \$1,467 06 was appropriated, owing to an unexpended balance of \$532 94 then on hand of previous year.

20. The compensation fixed by law to the clerks in the several surveying districts having proved insufficient, special estimates have been for upwards of thirty years past submitted, and appropriations made; the present estimate is apportioned as follows: \$4,000 to Washington Territory, \$5,000 to Oregon, \$5,000 to California, \$4,000 to New Mexico, \$3,000 to Kansas and Nebraska, \$3,000 to Minnesota, \$1,000 to Florida; making in all \$25,000; to be

22, 24, and 25. The organic acts of the respective surveying districts provide \$1,000. The amount having proved insufficient, special estimates have been submitted from year to year, and appropriations made accordingly. The estimate for New Mexico for the year ending June 30, 1862, is \$3,000, of which \$1,200 is for rent of office, and \$600 for pay of messenger, leaving for other expenses \$1,200. This sum has to be increased by \$1,500, owing to deficiencies during the fiscal year ending June 30, 1860, of \$1,119 15, and an expected deficiency for the year ending June 30, 1862, of \$380 85.

26. Kansas and Nebraska district, by act of July 22, 1854, is authorized to have the same as Wisconsin and Iowa surveying district for the incidental

28. The surveyors general's offices for Illinois, and Missouri, and Louisiana, under the provisions of the acts for the discontinuance of surveyors general's offices, June 12, 1840, 5 Statutes, page 384, and January 22, 1853, 10 Statutes, page 152, will, it is expected, be closed during the ensuing year; and in that event the unfinished business connected with these districts will devolve on the Commissioner of the General Land Office, who is ex-officio surveyor general upon the discontinuance of a surveying district, and the estimate now submitted, it is expected, will be required for unfinished work.

GENERAL LAND OFFICE, October 22, 1860.

Object of appropriations.	Estimates of appropriations for the service of the fiscal year ending June 30, 1862.	Estimates of the balance of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1861.
1. For surveying the public lands, exclusive of California, Oregon, Washington, New Mexico, Kansas, Nebraska, and Utah. The estimate includes incidental expenses, island surveys in the interior, and all other special and difficult surveys demanding augmented rates, to be apportioned and applied to the several districts, according to the exigencies of the public service, including the expenses of selecting swamp lands, the compensation and expenses of surveyor to locate private land claims in Louisiana, in addition to the unexpended balances of former appropriations for the same object, which will be absorbed by work under contract .....	\$50,000 00 .....	.....	\$50,000 00
2. For surveying the public lands and private land claims in California, to be disbursed at the rates prescribed by law for the different kinds of work .....	30,000 00 .....	.....	30,000 00
3. For surveying the public lands and private land claims in New Mexico, to be disbursed at the rates prescribed by law .....	15,000 00 .....	.....	10,000 00
4. For surveying the public lands in Kansas and Nebraska; also outlines of Indian reservations .....	20,000 00 .....	.....	20,000 00
5. For the salary of the clerk for the special service in the General Land Office, to attend to the unfinished surveys in the States where the offices of the surveyors general have been closed .....	2,000 00 .....	.....	2,000 00
6. For surveying the public lands in Oregon, to be disbursed at the rates now authorized by law .....	20,000 00 .....	.....	15,000 00
7. For surveying the public lands in Washington Territory at the rates now authorized by law .....	20,000 00 .....	.....	15,000 00
Total .....	157,000 00 .....	.....	.....

EXPLANATIONS.

- NOTE 1. This amount of \$50,000 is to be apportioned as follows: To the State of Minnesota, \$16,000; to Wisconsin, \$16,000; to Minnesota Territory, \$10,000; and to Florida, \$8,000. The first item includes \$3,000, and the second and third together \$3,000; and the last \$1,000 for rent of offices of the respective surveyors general and incidental expenses; to be subject, however, hereafter according to the public exigencies.
2. This amount of \$30,000 is to be chiefly applied to the survey of confirmed private claims.
3. This amount of \$15,000 is to be chiefly applied to the survey of confirmed private claims and survey of public lands.
4. This amount of \$20,000 is deemed requisite in order to keep pace with the progressive settlements along the Pacific routes and other localities demanding the extension of the lines of public surveys.
5. This amount of \$2,000 is for the salary of one clerk, to attend to the unfinished surveys in the field in those States where offices of surveyors general have been closed, the superintendence of which devolved on the Commissioner of the General Land Office.—(See Statutes at Large, volume 11, page 321.)
- 6 and 7. The sums of \$20,000, each, are deemed necessary for the survey of the public lands in the respective districts, and particularly in the country east of the Cascades, where there are numerous settlers demanding an extension of the surveys, and where, in these distant regions, every facility and encouragement should be given to permanent settlers.

No. 13.

SURVEYOR GENERAL'S OFFICE,  
*St. Paul, October 10, 1860.*

SIR: In accordance with the instructions of your circular of June 28, I have the honor to transmit the following report of the field and office work that has been performed in this surveying district since my last annual report of October 10, 1859, together with the several statements, estimates, and map referred to therein and marked respectively A, B, C, D, E, F.

Of the field work of the surveys undertaken prior to but uncompleted at the date of my last annual report, the whole has been completed with the exception of one township, (127 N., range 37 W.) from which the deputy has been released, the plats and transcripts of the field notes transmitted to the General Land Office, and plats and descriptive sheets to the registers of the district land offices.

Immediately on being instructed of the amount apportioned to this office out of the general appropriation by Congress for continuing the public surveys, contracts were entered into with reliable deputies for the execution of those surveys directed to be carried forward the present season, so far as they could then be made; there remained the subdivision of five townships, situated north and east of Otter Tail, which will be immediately contracted so soon as I have ascertained (in accordance with the instructions of the department) from an examination of the field notes from the township lines now being run, which townships would appear to embrace the largest bodies of pine timber reported to be found in that section of country.

Unless prevented by unforeseen accident, I have no doubt but the deputies to whom I have intrusted the surveys directed by the department to be carried forward in this State will fully complete the same before the close of the surveying season.

In the estimates for surveys recommended to be carried forward in Minnesota during the year ending June 30, 1862, which also accompany this report, I have submitted those districts only which were embraced in the estimate for appropriation transmitted with my report of last year, but a small portion of which have been enabled to be placed under contract this season owing to the very limited amount appropriated by Congress at its last session for carrying forward the public surveys.

It is, I think, advisable, whenever practicable that the public surveys should be extended regularly and uniformly, with the one exception, where a line of communication with some important but distant point is highly desirable to be opened up and settled without waiting for the gradual extension of the lines of survey over the surrounding country.

It was with these views that I recommended the carrying forward of the surveys in the localities described in the estimates, namely, for completing the townshipping as far west as the recently established State boundary, south of the seventh standard parallel, and to meet and prepare for settlement in that section by the subdivisional survey of

as many townships as the appropriation for each year will allow; extending them in the first instance on the southern boundary of the State, as the section of country toward which immigration is more generally attracted as containing a more uniform character of land and soil, with but small tracts of uncultivable marsh or swamp, and being directly west or northwest, and of easy access from certain points on the Mississippi, directly connected by railway with the Eastern and Middle States and sea-board. For the subdivision of townships lying on or adjacent to the great northern route now permanently established from Saint Paul, on the Mississippi, by the Red River of the North, to the increasing settlements in the British possessions, and thence to the more distant but important States and Territories west of the Rocky Mountains. The only additional district recommended, namely, that on the Saint Louis river, is the regular extension of surveys westward from the head of Lake Superior, and in a section where there is much demand for the subdivision of some townships. The extent of subdivisional surveys, completed since my last annual report, embrace an area of 995,735 acres, (exclusive of lakes,) making a total of 6,249,772 acres of land subdivided into sections since the establishment of this office in 1857, and which required the running and establishment of 2,158 miles of township lines, in addition to 798 previously established, and 19,090 miles of interior section and meander lines. The whole amount of land now subdivided in this State embraces 20,969,890 acres or 32,765 square miles, of which I should estimate not less than seven eighths are available and fit for cultivation, a very large proportion being of the first quality of farming land.

The ascertained product per acre of the wheat crop in this State both of past years, but more especially of the present, which is estimated to yield not less than thirty bushels per acre, being, I believe, greater than the average of any other State, and with an equally prolific yield of the other cereals (as well as root crops) would tend to show its peculiar adaptability for the growth of these important products. In fact, it has, I believe been demonstrated that the most profitable wheat culture is confined to the extreme northwestern portion of the United States and the adjoining British possessions, and that its average yield, as well as the certainty of its maturing, in those States which have hitherto been looked upon as the principal wheat growing sections, is now proved to be very much less than in the more northern latitudes, where the soil and climate is better suited to its growth, and the purity and dryness of the atmosphere renders it nearly altogether free from rust and blight.

The yield of wheat in Minnesota this year is estimated to be not less than 8,000,000 of bushels, which, from the population of the State, and extent of land under cultivation, (not estimated to exceed 750,000 acres in the whole,) is far beyond that of any other State. These facts, when fully known, must inevitably induce a rapid immigration thereto, which will speedily require the extension of the public surveys over all that portion of the State fitted for agricultural operations.

A full examination has been made by reliable deputies of this office of the survey and establishment of that portion of the western boundary of the State not defined by natural land marks; which survey was

directed by and under a special appropriation per act of Congress of February 26, 1859, and made by Messrs. Snow and Hutton, under a contract with the Commissioner of the General Land Office. The boundary was found on the whole to be correctly and properly established, having cast-iron monuments substantially set at those points, between which the line had to be marked and defined by posts in mounds at every mile thereon.

The limits of the Sioux Indian reservation, on the south side of the Minnesota river, having been established under the direction of the Indian department, but the notes of the survey not showing with sufficient clearness the connection of the line of reservation with the public surveys, which had been partially extended over it to enable the same to be laid down on the township plats, and the contents of the lots made fractional thereby ascertained, a deputy was dispatched by direction of the department, with instructions to follow the line of the Indian reservation from its easternmost point on the Minnesota river southerly and westwardly to the extent of the subdivisional surveys, marking carefully its intersection with the lines thereof. The boundary of the reserve has been laid down on the original township plats through which the same passes, the contents of the lots made fractional thereby calculated, and diagrams transmitted to the General Land Office and district land offices. By the survey of this portion of the reservation and the purchase by the general government, (per resolution of the Senate of June 27, 1860,) under the Indian treaties, of that lying on the north side of the Minnesota river, those plats which had been withdrawn from the district land offices as being wholly or in part within the limits of the original reserve, as also those which had been withheld after survey for the same reason, have been transmitted to the registers of the proper offices.

The department having approved to a certain extent of the suggestion made in my last annual report, respecting a change in the manner prescribed in the printed general instructions for the establishment of section corners in prairie, I have specially instructed my deputies, engaged on the surveys the present season, where the same include any portion of open prairie, to build their mounds, and plant posts in conformity with such change, and shall in all future surveys in that description of country, include such directions in the instructions to the contractors.

An examination has been made of the greater portion of the surveys that remained uncompleted at the date of my last report, and in two instances it was found necessary to make a second examination, before I could approve and certify to the work. An inspection has also been had of a part of the surveys contracted for the present season, and I am now immediately about to leave for a full examination of the surveys now being prosecuted under the five contracts that were assigned out of the appropriation for the present year, in the northwestern part of the State, intending to make the one trip cover the whole of said surveys. A large portion of the office force has been engaged the past year in transcribing, for preservation at the seat of government, the field notes of those surveys which were executed in the State prior

to the establishment of this office; the work is now about completed, and I shall be enabled to employ the clerks now engaged thereon in the recording of the field notes and descriptive sheets for general reference of the balance of the same surveys, and also of the records of the surveys executed under this office, but a small amount of which the more pressing business of the office has yet enabled me to prepare. It was with the knowledge of this amount of arrears of office work, (of which the larger part had accrued prior to the establishment of the office in this State,) in addition to the fact, that in the coming year will most probably be commenced the work connected with the selection of swamp lands granted the State under the act of March 12, 1860, that I felt it necessary to include in the estimates of appropriation required for salaries of clerks to be employed in this office for the fiscal year ending June 30, 1862, the full force at present employed therein, as not being more than absolutely necessary to keep up the office business, with even a moderate amount only of field work.

The following is submitted as a general summary of the office work performed since my last annual report:

Sixty-eight township maps have been constructed from the original field notes, one copy of same made and transmitted to the General Land Office, and ninety township plats made and transmitted to the registers of the district land offices, making a total of 226 maps.

The original notes of 4,126 miles of section and meander lines have been examined and platted, and the contents of the fractional lots calculated and placed on the township maps.

The boundary of the Sioux Indian reservation, on the south side of the Minnesota river, has been laid down on the original maps of eleven townships, the contents of the fractional lots on both sides of the line calculated and placed thereon, and diagrams of same transmitted to the General Land Office and the registers of the district land offices.

There has been transcribed for preservation at the seat of government the field notes of 442 townships, (including 387 townships surveyed under the authority of the surveyor general of Wisconsin and Iowa,) making 15,151 pages of large size cap paper; the same compared with the originals, with index, diagrams, and title page of each township; 3,690 pages of like character, with the transcripts, have also been made from the original notes for records for general reference; the same compared and paged. These records are likewise of surveys made prior to the establishment of this office.

There has been prepared from the original notes, and carefully compared with same, descriptive notes of the soil, &c., and establishment of the corners of 135 townships for transmission to the district land offices.

The usual amount of miscellaneous work—such as making out instructions with diagrams, and copies of field notes for deputies, preparing their contracts and bonds in quadruplicate, with their accounts for surveys, the general correspondence of the office, and recording same, occupies a large amount of time, of which no regular statement can be given.

The statements and maps accompanying this report are as follows:

- A. The amount, character, locality, and present condition of surveys.
- B. Original commissioner's and register's plats, made and copied with date of transmission.
- C. Estimate of appropriation for surveys for the fiscal year ending June 30, 1862.
- D. Estimate of appropriation for salaries of surveyor general and clerks for the fiscal year ending June 30, 1862.
- E. Abstract account of disbursements for the year ending September 30, 1860.
- F. Sketch of surveys in Minnesota.

I am, very respectfully, your obedient servant,

C. L. EMERSON,  
*Surveyor General.*

JOSEPH S. WILSON, Esq.,  
*Commissioner of the General Land Office,  
Washington City, D. C.*

## A.

*Statement showing the amount, character, locality, and present condition of the field work of the surveys in Minnesota, uncompleted at, and undertaken since, the date of the last annual report.*

Name of deputy, with date of contract or instructions.	Character of work.	Amount and locality.	Present condition.
J. O. Brunius, contract, September 22, 1858.	Subdivision, (balance)	Township 101 north, ranges 35 and 36 west ...	Surveys completed; notes returned and approved; plats transmitted.
E. G. Goddard, contract, May 10, 1859.	Subdivisions .....	Townships 107 and 108, range 36 west; 106, 107, and 108, range 37 west; 108, range 38, west.	Surveys completed; notes returned and approved; plats transmitted.
J. R. King, contract, May 16, 1859.	Subdivisions .....	Townships 132 and 133, ranges 42 and 43 west; and 132, ranges 44 and 45 west.	Surveys completed; notes returned and approved; plats transmitted.
Bradley & Davis, contract, May 27, 1859.	Subdivisions .....	Fractional townships 42, 43, 44, and 45, range 15 west; and 42, 43, 44, and 45, range 16 west.	Surveys completed; notes returned and approved; plats transmitted.
A. S. Bradley, contract, June 2, 1859.	Subdivisions .....	Townships 43 and 44 north, range 17 west.....	Surveys completed; notes returned and approved; plats transmitted.
E. D. Atwater, instructions, June 2, 1859.	Subdivisions .....	Fractional townships 139, 140, 141, 142, 143, and 144, range 49 west; 139, 140, 141, 142, and 143, range 48 west; and 139, range 47 west.	Surveys completed; notes returned and approved; plats transmitted.
J. O. Brunius, contract, June 16, 1859.	Subdivisions .....	Townships 125, 126, and 127 north, ranges 37 and 38 west.	Surveys completed; notes returned and approved; plats transmitted, except township 127 north, range 37 west, released.
Mahlon Black, contract, June 25, 1859.	Subdivisions .....	Township 112, range 38 west; 113, ranges 40, 41, and 42 west.	Surveys completed; notes returned and approved; plats transmitted.
J. R. King, instructions, July 25, 1859.	Subdivisions .....	Township 128 north, ranges 37 and 38 west....	Surveys completed; notes returned and approved; plats transmitted.
Martin & Epler, instructions, July 26, 1859, and August 11, 1859.	Subdivisions .....	Fractional township 60, ranges 1, 2, and 3 west; 61, range 1 west; 61, range 1 east; 61, ranges 2 and 3 east; 62, range 3 east; 61, range 2 west; and 62, range 2 east.	Surveys completed; notes returned and approved; plats transmitted.
J. T. M. Barnes, instructions, August 27, 1859.	Subdivisions .....	Township 134, range 46 west; and 133, range 48 west.	Surveys completed; notes returned and approved; plats transmitted.



J. W. Myers, contract, July 28, 1860.	Guide meridians and standard parallels.	4th and 5th guide meridian, between 9th and 10th standard parallel; and 10th standard parallel, between 4th and 6th guide meridian.	Deputy in the field.
E. N. Darling, contract, July 31, 1860.	Subdivisions .....	Townships 44 and 45 north, ranges 24 and 25 west.	Deputy in the field.
A. S. Bradley, contract, August 3, 1860.	Subdivisions .....	Township 130 north, ranges 40, 41, and 42 west.	Deputy in the field.
∞ E. D. Atwater, contract, August 6, 1860.	Subdivisions .....	Townships 133, 134, 135, and 136, range 47 west; and 136, range 48 west.	Deputy in the field.
M. Black, contract, August 6, 1860.	Subdivisions .....	Township 129, ranges 39 and 40 west; and 136, ranges 39 and 40 west.	Notes, township 129, range 40, received; deputy in the field.
J. W. Myers, contract, September 8, 1860.	Township lines.....	Township lines, between 4th and 5th guide meridians, and 9th and 10th standard parallels.	Deputy in the field.

SURVEYOR GENERAL'S OFFICE, *St. Paul*, October 10, 1860.

C. L. EMERSON, *Surveyor General*.

B.

Statement of original, commissioners, and registers plats, made and copied, with date of transmission to the General Land Office and district land offices, since the date of the last annual report.

Township.	Range.	Land district.	Original.	Comm'rs.	When sent.	Registers.	When sent.	Total plats.
134 north.....	46 west.....	Northwestern .....	1	1	Oct. 29, 1859	1	Jan. 26, 1860	3
138 north.....	48 and 49 west.....	Northwestern .....	2	2	Oct. 29, 1859	2	Jan. 26, 1860	6
140 and 141 north.....	48 and 49 west.....	Northwestern .....	4	4	Nov. 16, 1859	4	Jan. 26, 1860	12
105 north.....	37 and 38 west.....	Chatfield .....	2	2	Nov. 22, 1859	2	Feb. 13, 1860	6
106 and 107 north.....	38 west.....	St. Peter's.....	2	2	Nov. 22, 1859	2	Feb. 14, 1860	6
132 and 133 north.....	43 west.....	Northwestern .....	2	2	Dec. 1, 1859	2	Jan. 26, 1860	6
132 north.....	44 and 45 west.....	Northwestern .....	2	2	Dec. 1, 1859	2	Jan. 26, 1860	6
109 and 110 north.....	37 and 38 west.....	St. Peter's.....	4	4	Dec. 10, 1859	4	Feb. 14, 1860	12
111 north.....	37 and 38 west.....	Henderson .....	2	2	Dec. 10, 1859	2	Feb. 8, 1860	6
112 north.....	38 west.....	Henderson .....	1	1	Dec. 10, 1859	1	Feb. 8, 1860	3
113 north.....	40, 41, and 42 west.....	Henderson .....	3	3	Dec. 10, 1859	3	Feb. 8, 1860	9
104 and 105 north.....	36 west.....	Chatfield.....	2	2	Dec. 19, 1859	2	Feb. 13, 1860	6
104 north.....	37 west.....	Chatfield.....	1	1	Dec. 19, 1859	1	Feb. 13, 1860	3
106 north.....	36 west.....	St. Peter's.....	1	1	Dec. 19, 1859	1	Feb. 14, 1860	3
63 and 64 north.....	6 and 7 east.....	Northeastern .....	4	4	Dec. 22, 1859	4	Feb. 7, 1860	12
107 and 108 north.....	36 west.....	St. Peter's.....	2	2	Dec. 24, 1859	2	Feb. 14, 1860	6
106, 107, and 108 north.....	37 west.....	St. Peter's.....	3	3	Dec. 24, 1859	3	Feb. 14, 1860	9
108 north.....	38 west.....	St. Peter's.....	1	1	Dec. 24, 1859	1	Feb. 14, 1860	3
132 and 133 north.....	42 west.....	Northwestern .....	2	2	Jan. 13, 1860	2	Jan. 26, 1860	6
128 north.....	37 and 38 west.....	St. Cloud.....	2	2	Jan. 13, 1860	2	Feb. 8, 1860	6
60 north.....	1, 2, and 3 west.....	Northeastern .....	3	3	Jan. 20, 1860	3	Feb. 7, 1860	9
61 north.....	1 and 2 west.....	Northeastern .....	2	2	Jan. 20, 1860	2	Feb. 7, 1860	6
61 north.....	1, 2, and 3 east.....	Northeastern .....	3	3	Jan. 20, 1860	3	Feb. 7, 1860	9
62 north.....	2 and 3 east.....	Northeastern .....	2	2	Jan. 20, 1860	2	Feb. 7, 1860	6
125 and 126 north.....	37 and 38 west.....	St. Cloud.....	4	4	Mar. 16, 1860	4	April 9, 1860	12
127 north.....	38 west.....	St. Cloud.....	1	1	Mar. 16, 1860	1	April 9, 1860	3
42, 43, 44, and 45 north.....	15 and 16 west.....	Cambridge .....	8	8	Mar. 29, 1860	8	April 14, 1860	24
43 and 44 north.....	17 west.....	Cambridge .....	2	2	Mar. 31, 1860	2	April 14, 1860	6
101 north.....	35 and 36 west.....	Chatfield.....	2	2	June 9, 1860	2	June 9, 1860	6
139 and 142 north.....	48 and 49 west.....	Northwestern .....	4	4	Aug. 10, 1860	4	Aug. 10, 1860	12

143 north.....	48 and 49 west.....	Northwestern .....	2	2	Sept. 8, 1860	2	Sept. 8, 1860	6
144 north.....	49 west.....	Northwestern .....	1	1	Sept. 8, 1860	1	Sept. 8, 1860	3
139 north.....	47 west.....	Northwestern .....	1	1	Sept. 8, 1860	1	Sept. 8, 1860	3
134 north.....	47 west.....	Northwestern .....				1	Jan. 26, 1860	1
134, 135, 136, and 137 north.....	48 west.....	Northwestern .....				4	Jan. 26, 1860	4
136 and 137 north.....	49 west.....	Northwestern .....				2	Jan. 26, 1860	2
59 north.....	3, 4, and 5 west.....	Northeastern .....				3	Feb. 7, 1860	3
58 north.....	4 and 5 west.....	Northeastern .....				2	Feb. 7, 1860	2
111 north.....	34 west.....	Henderson .....				1	May 1, 1860	1
110 north.....	34 west.....	St. Peter's.....				1	May 1, 1860	1
Total maps.....								248

SURVEYOR GENERAL'S OFFICE, *St. Paul*, October 10, 1860.

C. L. EMERSON, *Surveyor General*.

## C.

*Estimates of appropriations required for continuing the public surveys in Minnesota, for the fiscal year ending June 30, 1862.*

For surveys west of the Mississippi river, and south of the seventh standard parallel, as follows:	
For standard parallels between the sixth guide, meridian, and the western boundary of the State, estimated at 40 miles, at \$9 per mile.....	\$360
For township lines from the fifth guide to the State boundary, and between the first and third, and fifth and seventh standard parallels, estimated at 1,610 miles, at \$9.....	14,490
For subdivision of fifty townships, at \$300.....	15,000
For surveys west of the Mississippi river and north of the seventh standard parallel, as follows:	
For subdividing of ten townships on and adjoining the stage route from Alexandria to Breckinridge, at \$300.....	3,000
For surveys east of the Mississippi river, and west of and adjoining the independent meridian on the St. Louis river, and adjoining the Indian reservation on same:	
For subdivision of six townships, at \$330.....	1,980
For township lines, estimated at.....	500
For incidental expenses of office, embracing rent, stationery, fuel, messenger, binding, &c.....	3,000
Total estimate.....	38,330

C. L. EMERSON,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*St. Paul, October 10, 1860.*

## D.

*Estimate of appropriation required for the salaries of the Surveyor General of Minnesota, and the regular clerks in his office, for the fiscal year ending June 30, 1862.*

Charles Emerson, surveyor general.....	\$2,000
William R. Wood, chief clerk.....	1,500
Charles A. F. Morris, draughtsman.....	1,300
Wilson B. Farrell, draughtsman.....	1,300
Samuel S. Smoot, transcribing clerk.....	1,100
James W. Wood, transcribing clerk.....	1,100
	8,300

Estimate of appropriation required for clerks to be employed in transcribing field notes for preservation at the seat of government, and records of same for transfer to State authorities, under legislative enactments and instructions from the Commissioner of the General Land Office:

William Crooks, transcribing clerk.....	\$1,100	
Calvin G. Wilson, recording clerk.....	1,100	
Hunter Brook, recording clerk.....	1,100	
		3,300
Total estimate.....		11,600

C. L. EMERSON,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*St. Paul, October 10, 1860.*

E.—DISBURSEMENT ACCOUNT.

DR.

*The United States in account with Charles L. Emerson, Surveyor General of Minnesota.*

CR.

1859.			1859.		
Sept.	30	To balance due surveyor general as per last annual report.....	\$64 56	October 10	By Treasury draft No. 1241, on Treasury Interior warrant No. 788.....
Dec.	31	To amount of disbursement for 4th quarter of 1859.....	398 85	Dec. 23	By Treasury draft No. 1884, on Treasury Interior warrant No. 1431.....
1860.				1860.	
March	31	To amount of disbursement for 1st quarter of 1860.....	426 94	March 29	By Treasury draft No. 2679, on Treasury Interior warrant No. 2222.....
June	30	To amount of disbursement for 2d quarter of 1860.....	375 47	June 26	By Treasury draft No. 3436, on Treasury Interior warrant No. 2957.....
Sept.	30	To amount of disbursement for 3d quarter of 1860.....	411 31	Sept. 26	By Treasury draft No. 4135, on Treasury Interior warrant No. 3641.....
		To balance due the United States.....	322 87		
			<u>2,000 00</u>		
					<u>2,000 00</u>
				By balance due from Charles L. Emerson, surveyor general.....	\$322 87

SURVEYOR GENERAL'S OFFICE, St. Paul, October 10, 1860.

C. L. EMERSON, Surveyor General.

## No. 13 A.

SURVEYOR GENERAL'S OFFICE,  
*Dubuque, October 10, 1860.*

SIR: In compliance with your instructions I have prepared and submit herewith the following report of my operations in the field and office during the past year.

## IN THE STATE OF IOWA.

There has been surveyed and subdivided into sections, examined and carefully platted township No. 95 of range No. 33; township No. 98 of range No. 34; townships No. 98, 99 and 100 of range 35; township No. 98 of range 36; townships No. 98, 99 and 100 of range 37; townships No. 98, 99 and 100 of range 38; townships No. 98, 99 and 100 of range 39; township No. 98 range 40; township No. 98 range 48, and township No. 98 of range 49, making a total of eighteen townships, or 994 miles 62½ chains. This completes the field work in the State with the exception of townships No. 99 and 100 of range No. 36, now under process of survey, and it may be a few islands and other isolated tracts.

Being requested by you to designate the date at which the office work pertaining to the State can be completed, I am reluctantly compelled to state that I am unable to give the information at the present time. You will easily perceive the impracticability of so doing by reference to the accompanying map of the State of Iowa, which shows that there remains to be written up 144 townships of transcripts and records; 106 townships of descriptive lists, besides the examination and platting of some surveys, the closing up of the swamp land business, and a large amount of miscellaneous work, which, taken together, would occupy the exclusive attention of the whole limited force of this office for a full year, and when it is remembered that each portion of the district requires a certain amount of attention, and that the current business, consisting of correspondence, construction and copying plats, making out diagrams and accounts, and numerous other matters must be attended to without delay, it will be seen, I think, that my force has to be divided so as to give all satisfaction, and I assure you it is only by incessant labor that we are able to accomplish what is required of us.

## IN THE TERRITORY OF DAKOTA.

All the proper township and range lines between the parallel of 43° 30' north latitude, and the first standard parallel have been surveyed and established; also all those between the first and second standard parallels, and between the seventh guide meridian and the line dividing ranges No. 48 and 49, inclusive, making a total of 335 miles fifty chains and thirty-five links. Township No. 101 of range No. 49 west of the fifth principal meridian, has been surveyed and

subdivided into sections amounting to fifty-nine miles and seventy-nine chains.

Out of the last appropriation contract has been entered into for the establishment of the line between townships No. 94 and 95 north, (which is in compliance with your instructions to be extended due west from the Big Sioux river to the west boundary of the Yancton reservation, an estimated distance of seventy-four miles,) and all the proper township and range lines south of said base line to the Missouri river. The deputy has also been instructed to survey and subdivide into sections such townships or fractional townships in this district as contain the grants of land provided for in the seventh article of the treaty with the Yancton tribe of Sioux and Dakotah Indians, dated April 19, 1858, and the settlements in the vicinity of the mouths of the Vermillion, James, and Big Sioux rivers, and, provisionally one or two townships in the territory north of the parallel of 43° 30'. A return from the deputy in charge of this important and difficult work has not yet been received, and the information in my possession is not sufficiently reliable to enable me to designate with certainty such portions of the Territory as require early attention and survey next season.

This being an entirely new country, and not having a reliable map thereof, I was not able to determine very accurately the number of miles of township lines in the district just named. It is believed, however, that it will not exceed 413 miles, which will leave sufficient of the appropriation to execute the work ordered by you to be surveyed.

IN THE STATE OF WISCONSIN,

East of the fourth principal meridian, the lines between ranges 9 and 10 and 10 and 11 of townships No. 31 to 34, inclusive, the lines between ranges 8 and 9, 9 and 10, and 10 and 11 of townships No. 35 to 40, inclusive, and the lines between townships No. 31 and 32 to 39 and 40 inclusive, of ranges No. 9, 10, and 11, have been established, examined, and forwarded, and the subdivision into sections of townships No. 34 to 40, inclusive, of range No. 11; townships No. 36 to 40, inclusive, of range No. 12; townships No. 34, 35, and 36, of range No. 14; township No. 36, of range 15; township No. 37, of range 16; and townships No. 37 and 38, of range No. 17, have been performed, the work carefully examined and platted, and the maps thereof made out and forwarded to your own and the proper district land offices. The total number of townships is nineteen, the number of miles of subdivision 1,354½, and of township lines established 318 miles and 63 chains.

There has been let for subdivision the present season, townships No. 31 and 32, of ranges No. 9, 10, and 11, and a district of township lines situated east of the line dividing ranges 4 and 5, north of township No. 34, west of range No. 9, and south of the fourth correction parallel; also all that tract of country in the State of Wisconsin east of the line dividing ranges No. 4 and 5, and north of the fourth correction; and there has also been let for subdivision in the district of township lines just named, eight townships, to be selected with par-



ticular reference to this valuable pine timber, and to the railroad grants. Since the date of my synopsis, reliable information has been received that townships No. 41 and 42, of ranges No. 9, 10, and 11, are among those that should be earliest surveyed, from the fact that they contain extensive bodies of valuable timber, and it is known in that vicinity parties are now fitting out to steal the same. The deputy was at once ordered to commence operations in the townships above named, and as the order was forwarded by a special messenger, it is hoped that he will receive and act on it, notwithstanding the distance to be traveled is very considerable, and the season for surveys rapidly drawing to a close.

West of the fourth principal meridian, in the same State, township No. 46, of ranges No. 4, 5, and 6; townships No. 46, 47, and 48, of range No. 7, and townships No. 47 and 48, of range No. 8, in all eight townships, amounting to  $503\frac{1}{4}$  miles of subdivisional lines, has been completed, with the survey of a most important tract in township No. 7, of range 22 east.

The present season, I have entered into contract for the survey of township No. 44, of range No. 1; township No. 45, of ranges No. 2 and 3, and townships No. 46, 47, and 48, of range No. 15, adjoining the west boundary of the State of Wisconsin and the St. Louis river. All the above-named surveys have been repeatedly and urgently called for; and, indeed, part of them have been specially ordered by you.

There only remains to be subdivided eleven townships west of the meridian, including those containing the reservation for the La Pointe and other Indians named in the second clause of the second article of the treaty of September 30, 1854, with the Chippewas. I have frequently been urged to have those townships surveyed, but have never felt authorized to do so, from the instructions contained in your letter of March 30, 1855. As the surveys west of the meridian will in all probability be closed next season, I respectfully bring this matter to your attention, in order that such instructions may be issued as in your opinion the situation of these townships demand.

Previous to the reception of your letter of instructions, of 13th July last, the swamp land business occupied a large portion of the time and attention of this office; and notwithstanding the labor and care bestowed upon it, I was frequently annoyed by insulting communications from the county officials, (though in reality we had nothing to do with them, having required all lists of selections to come through the register of the State land office.) Since that just decision, the lists, as far as taken up, have been disposed of with little delay. Indeed, it is scarcely necessary to go through the form of an examination, for it is pretty well known that away from the Mississippi, according to your decision and the real intent of the act, there is little if any swamp land in the State.

In regard to the recommendation for appropriations for surveys the ensuing season, I have only to state, that in accordance with your instructions, I have asked for the lowest figure which, in my opinion, the service actually demands. The present prosperous condition of the whole Northwest, and the unusually large crop already harvested will have a tendency to incite a large immigration, which, indeed, has

already commenced, and as real estate has again assumed a cash valuation, it is not unreasonable to suppose that the public lands will receive a full share of attention, which must continue to increase as the supply diminishes.

#### OFFICE WORK.

Original lists, descriptive of the land and all the corners in 100 townships, with one copy of each for the district land offices, making a total of 200 lists, have been made out and carefully compared with the original field notes.

The original plats of townships No. 34 to 40, inclusive, of range No. 11; townships No. 36 to 40, inclusive, of range No. 12, east of the fourth meridian, Wisconsin; township No. 46, of ranges No. 4, 5 and 6; townships No. 46, 47, and 48, range No. 7; townships No. 47 and 48, of range No. 8, west of said meridian; township No. 101, range No. 49, west fifth meridian, Dakota; township No. 95, range No. 33; township No. 98, ranges No. 34, 36, 40, and 48; townships No. 98, 99, and 100, of ranges No. 35, 37, 38, and 39; and township No. 99, range No. 49, west of the fifth meridian, Iowa, have been constructed, the areas computed, and meanders entered; also, one copy of each has been made for the General Land Office, and one for the register of the proper district land office, and, in addition, copies of the plats of townships No. 84 to 93, inclusive, ranges No. 5 and 6, west fifth meridian, have been made by your order and forwarded.

The original field notes of 654½ miles of township lines have been returned, examined, platted, and diagrams of the same forwarded; also, of 2,913 miles of subdivision and meandered lines.

The original field notes of township No. 100, ranges No. 20, 21, and 30; townships No. 99, and 100, range 22; township No. 99, range 23; townships 90 and 91, range 24; townships 93 and 94, range 26; townships 89 to 92, inclusive, range 28, west of river; townships 89, 90, and 100, range 31; townships 89, 90, 99, and 100, range 32; townships 95, 99, and 100, range 32, west fifth meridian, Iowa; townships 34 to 40, inclusive, range 11; townships 31, 32, and 36 to 40, inclusive, range 12; townships 34, 35, and 36, range 15, east of the fourth meridian, Wisconsin; township No. 36, range 2; townships No. 38, 39, 40, 41, 42, 43, 44, 46, 51, and 52, range 4; townships 41 and 42, range 5; townships 44, 45 and 46, ranges 12 and 13; townships 43 to 46, inclusive, range 14; townships 39, 40, and 41, range 16, and township 41, range 17, west of said fourth meridian, have been recorded, examined and filed, and transcripts of each of said townships have been made for preservation at Washington, and forwarded.

One hundred and thirty-two index diagrams, to preface records and transcripts, have been made, with others too numerous to particularize; original lists of swamp lands, with two copies of each, records of letters and accounts, correspondence of the office, preparing for binding original records, descriptive lists, and much other work, of which no attempt has ever been made to keep an account of.

The following papers form a part of this report:

No. 1. Map of the State of Wisconsin, exhibiting the condition of field and office work.

No. 2. Map of the State of Iowa and Territory of Dakotah, exhibiting the condition of field and office work.

No. 3. Estimate of appropriations for the year ending June 30, 1862.

No. 4. Summary of my surveying account.

All of which is respectfully submitted.

I am, sir, very respectfully, your obedient servant,

WARNER LEWIS,  
*Surveyor General.*

Hon. JOS. S. WILSON,  
*Commissioner of the General Land Office.*

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No. 3.

*Estimate for appropriations to continue the public surveys in the State of Wisconsin and Territory of Dakotah, during the year ending June 30, 1862.*

For survey of township lines east fourth principal meridian, Wisconsin.....	\$4,000 00
For survey and subdivision of forty townships, east fourth principal meridian, Wisconsin.....	12,900 00
For survey and subdivision of six townships, west fourth principal meridian, Wisconsin.....	2,000 00
For surveys in Dakotah.....	10,000 00
For incidental expenses.....	2,500 00
Total.....	<u>31,400 00</u>

WARNER LEWIS,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*Dubuque, October 10, 1860.*

*Estimate for salary of Surveyor General of Wisconsin and Iowa, and the clerks in his office, (as per act of 10th August, 1848,) for the year ending June 30, 1862.*

For salary of Warner Lewis, surveyor general.....	\$2,000 00
For salary of chief clerk.....	1,500 00
For salary of principal draughtsman.....	1,300 00
For salary of assistant draughtsman.....	1,300 00
For salary of assistant draughtsman.....	1,100 00
For salary of assistant draughtsman.....	1,100 00
Total.....	<u>8,300 00</u>

WARNER LEWIS,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*Dubuque, October 10, 1860.*

*The United States in account current with Warner Lewis, Surveyor General of the United States for Wisconsin and Iowa.*

DR.

CR.

1860.					
January	1	To amount disbursed during 4th quarter of 1859.....	\$324 70	By this amount from 3d quarter 1859.....	\$262 75
		To amount due United States and credited to 1st quarter 1860.....	338 05	By Treasury draft No. 1923, on Treasury Interior warrant No. 1472.....	400 00
			662 75		662 75
March	31	To amount disbursed during 1st quarter 1860.....	\$272 34	By this amount from 4th quarter of 1859.....	\$338 05
		To amount due United States and carried to credit of 2d quarter 1860.....	565 71	By Treasury draft No. 2725, on Treasury Interior warrant No. 2265.....	500 00
			838 05		838 05
June	30	To amount disbursed during 2d quarter 1860.....	\$317 10	By this amount due the United States from 1st quarter of 1860.....	\$565 71
		To amount due the United States and carried to credit of 3d quarter of 1860.....	248 61		565 71
			565 71		565 71
October	1	To amount disbursed during 3d quarter 1860.....	\$434 32	By this amount from 2d quarter 1860 due the United States.....	\$248 61
		To this amount due the United States and carried to credit of 4th quarter 1860.....	114 29	By Treasury draft.....	300 00
			548 61		548 61
				October 10, 1860—By this amount due the United States from 3d quarter 1860.....	\$114 29

REPORT OF THE

OFFICE OF THE SURVEYOR GENERAL FOR ILLINOIS AND MISSOURI,  
*St. Louis, October 1, 1860.*

SIR: In compliance with the instructions from your office of the 1st September, 1860, I herewith submit a report of the operations of this office since the 18th October, 1859, the date of my last annual report.

I. SALARIES OF SURVEYOR GENERAL AND HIS CLERKS, AND RECEIPTS AND DISBURSEMENTS OF PUBLIC FUNDS FOR INCIDENTAL EXPENSES OF THE OFFICE.

The salaries of clerks have been paid directly to them by drafts from the Treasury Department upon vouchers properly authenticated and returned to the General Land Office by the surveyor general. The act of 3d March, 1859, appropriated as compensation to the surveyor general and his clerks the sum of..... \$9,320 00  
 Of this there was expended during the year..... 8,600 00

Leaving a balance of..... 720 00

See accompanying statement, marked A.

Under the same act there was apportioned for the incidental expenses of the office the sum of..... \$2,500 00  
 There was expended during the year..... 1,560 43

Leaving a balance of..... 939 57

The balance due the United States under this fund is \$41 52, being the whole amount of public moneys now in my hands. For details of receipts and expenditures see statement marked A.

II. SURVEYS OF PUBLIC LANDS AND CORRECTIONS OF ERRONEOUS AND DEFECTIVE LINES IN ILLINOIS AND MISSOURI.

I have received from John Lampton, under his contract of the 30th May, 1857, the field notes complete for townships 21, 22, 23, and 24, north of range 11 east, and also the notes of parts of the following townships, the surveys of which were unfinished by former contractors, to wit: townships 21, 22, 23, and 24, of range 10 east; township 24, of range 14 east; and townships 23 and 24, of range 15 east. These returns have been examined, approved, and the work disposed of by transmitting authenticated plats of the surveys to your office, to the register at Jackson, and to the authorities of the counties in which the lands are situated.

Mr. Lampton is now at work under this contract, and he informs me that he will be able to make complete returns by the last of December if the season continues dry. When his returns are received no time will be lost in disposing of the business.

The defective lines in township 33, ranges 6 and 7 east, were corrected by Mr. Burnap, under instructions from this office, and the

necessary alterations made on the plats here, at your office, and at the land office. The erroneous lines in township 34, ranges 27 and 28 west, have also been corrected, and the work properly disposed of.

Under instructions from your office, I have surveyed two islands in Missouri, one situated in a lake in township 54 north, range 37 west, and the other in the Missouri river, in township 58, range 36 west. Plats of the surveys have been furnished to you and to the register of the proper district. The accounts of the deputies for all the work done have been settled directly at the department upon vouchers from this office.

Upon the application of the agent of the authorities of Platte county, Missouri, and with your consent, I had surveyed an island of the Missouri river, in township 52, range 36 west, known as "Leavenworth Island." After the execution of the work, and the proper return of plats thereof, it was discovered that the same island had been surveyed under the directions of the surveyor general for Kansas and Nebraska, and that portions of the land were claimed by individuals under the preëmption laws, and by virtue of warrant locations. As the island was clearly within the jurisdiction of the State of Missouri, I was directed to obtain from the surveyor general for Kansas and Nebraska the field notes and plat of the island as surveyed by his deputy, and if found to be correct, to adopt them as the proper survey, and to retain the subdivisions conforming to the Kansas surveys, upon which the claims of the individuals were founded. This has been done, and copies of the plat, with correct annotations, have been forwarded for the use of your office, and of the register at Boonville.

I have lately issued instructions for the survey of an island of the Kankakee river, in township 31, north range 11, east of the third principal meridian; but no returns have yet been received from the deputy.

Instructions have also been issued for the correction of erroneous lines in township 41 north, range 3 east, of the fifth principal meridian, the returns from which, I expect, will shortly be made.

With these items of work and the completion of the surveys in Southeast Missouri, under the contract with Mr. Lampton, the field work upon public surveys in this district will be finished. The office-work under this branch of the service is now limited to the indexing and copying and comparing of the field notes of recent surveys and resurveys, and to the necessary annotations and corrections of township plats. The plats of townships referred to in my last report as requiring to be reconstructed are now in the hands of a competent clerk, who will put them in proper condition for transfer to the State authorities.

### III.—SWAMP AND OVERFLOWED LANDS.

From the field notes of surveys returned by John Lampton, I have prepared and returned three lists of swamp and overflowed lands in the Jackson district, containing in the aggregate 133,635.95 acres.

I have also returned from the St. Louis district a list embracing 1,690.97 acres of land, which, according to the description of soil

given by the original field notes, is swamp and overflowed; and, also, a list embracing 2,892.51 acres of land, which, according to the same evidence, was dry and fitted for cultivation.

From the Kaskaskia district, Illinois, I have returned a list embracing 754.10 acres of swamp land.

The work under this head has been rapidly decreasing since the instructions from your office requiring that all lists of swamp lands reported by the authorities of the States should be compared with the original field notes of the survey of the lands, and only such tracts confirmed as were shown by these evidences to be within the meaning of the grant of 1850.

Since March 3, 1857, this office has received from the agents of the various counties in Missouri, lists of swamp land selections embracing in the aggregate..... 1,056,973.29 acres.  
Of this quantity there has been approved to the State, after comparison with the field notes..... 65,911.61 acres,

Leaving a quantity of..... 991,061.68 acres, which, according to the descriptions of soil in the field notes, are dry and fit for cultivation. The lists of these lands have been forwarded to your office for consideration. The subject is one of deep interest to the counties in which the lands are situated, and has led to much correspondence between the agents and this office, and also with your office. The instructions of August 31, 1857, and February 11, 1858, which were recapitulated in full in my last annual report, have been explained and modified at different times by the department, but no attempt has been made, so far as this office is advised, by the agents of the counties, to furnish the testimony required to secure the approval of those suspended lists.

It is believed that the selections of lands under the act of 1850 have been completed in this district. The work hereafter under this head will probably be confined exclusively to those suspended lists.

IV.—TOWNS AND VILLAGES IN MISSOURI, UNDER THE ACTS OF JUNE 13, 1812, AND MAY 26, 1824.

Of the surveys of lots in the village of Portage des Sioux, twenty-six have been platted, described, and recorded, and forty-four recorded. This completes the work for that village, except the assigning of one or two vacant lots to the schools. This will be done at an early day.

Plats and descriptions of 115 surveys in the town of St. Charles have been made and recorded; and there are twenty-two that require only the finishing of the plats. The assignments of vacant lands to the schools of that town have not been finished, for the reasons mentioned in my last annual report.

The application of the attorney for the board of St. Louis public schools for the assignment of certain tracts of land under the acts of 1812 and 1824 formed the subject of a special report from this office, under date of the 14th August last. This will be the subject of another special communication from this to your office, within a few days.

## V. PRIVATE SURVEYS IN MISSOURI.

Eighteen private surveys have been platted, described, and recorded. Of the records of private surveys, 381 pages have been compared and the necessary corrections made. Plats and descriptions of nine private surveys have been returned to the recorder of land titles for his action thereon.

I have issued and delivered to the proper party one certificate of location authorized by the act of 1836; of those formerly issued under this act, three have been delivered to the claimants. There are yet on the files of the office twenty-three of these certificates subject to the order of the owners.

Under the act of June 2, 1858, I have issued during the year two certificates of location, which have been forwarded to your office for authentication. I have also delivered three certificates duly authenticated by you to parties producing proofs of ownership, as required by instructions of August 30, 1858. There remain in the office the following certificates, for which no proofs of ownership have been filed, to wit:

- No. 208. John Coontz and Edward Hempstead.
- No. 215. Seneca Rawlins.
- No. 219. Israel Dodge.
- No. 222. William Hartley.
- No. 223. André Chevalier.
- No. 224. William Morrison.
- No. 227. Baptiste Aumure or Taumure.
- No. 228. Alexis Maurice.

In the case of Paschal Detchmندی, No. 226, the certificate has been issued and properly authenticated by you, but not delivered on account of a protest filed by parties claiming an interest in it. It will be disposed of as soon as the parties file their evidence in support of the protest.

The third section of the above act of 1858 provides that where any claim has been confirmed by Congress, and remains unsatisfied, the surveyor general shall issue certificates of location, as in the other cases provided for in the act. Under this portion of the act, no especial instructions have been furnished from your office; but, upon the application of parties, I have issued two certificates and forwarded them to your office for examination and approval. They have not yet been returned.

The exhibit of private claims in Illinois has been completed. I entertain confident hopes that those of Missouri can be completed, and both of them properly indexed within the time fixed for the close of this office.

## VI. RECORD OF LAND TITLES UNDER THE ACT OF JUNE 12, 1840.

The field notes of the recent surveys in townships 16, 17, and 21, range 12 east, have been copied for the State and properly indexed.



The field notes of recent resurveys and corrections of erroneous lines and of the surveys of islands have been copied into the volumes to which they belong and properly authenticated. Complete examinations have been made of ten volumes of the records of field notes of Missouri surveys, and the necessary corrections, alterations, and indexes made. A number of private surveys have been recorded for the State and properly indexed.

Original plats of eleven townships of recent surveys have been constructed, recorded for the State, and the necessary duplicates forwarded. Original plats of three islands have been constructed, recorded, and duplicates made. A large number of diagrams of townships and parts of townships have been made out and forwarded to the General Land Office and to the local offices to replace plats that have become defaced from long use.

The accounts of the office have been recorded to date. The correspondence of the office has been kept up and properly recorded. It embraces for the year 350 pages of large letter paper. All the swamp lists returned by the counties have been compared with the plats and field notes and the necessary copies made. The annual report of the last year has been recorded, and the whole current business of the office kept up. This latter is more onerous than might be supposed, occupying much time in giving and explaining information, and in making the copies applied for.

The letters from your office for the year 1859, and the original field notes of recent surveys and resurveys, have been bound.

In view of the instructions to close this office on the first of the present month, I had made a complete inventory of all the records, papers, books, and furniture belonging to the United States. This inventory I will preserve, and make, from time to time, such additions and corrections as will be required.

JNO. LOUGHBOROUGH,  
*Surveyor General.*

Hon. JOSEPH S. WILSON,  
*Commissioner of the General Land Office, Washington, D. C.*

*Statement A, accompanying annual report of October 1, 1860.*

Statement of the expenses of the office of the surveyor general for Illinois and Missouri since October 18, 1859, the date of the last annual report, under the following funds:

1. Of the fund for the salary of the Surveyor General and the salaries of his clerks, there has been paid directly from the Treasury:

During the fourth quarter of 1859.....	\$2,125 00
During the first quarter of 1860.....	2,125 00
During the second quarter of 1860.....	2,225 00
During the third quarter of 1860.....	2,125 00
Total.....	<u>\$8,600 00</u>

2. Fund disbursed by the surveyor general allowed for the incidental expenses of his office, out of the appropriation for surveying the public lands, to wit :

Balance due the United States, October 18, 1859.....	\$205 99	
Cash received from Treasurer during the fourth quarter, 1859	500 00	
Cash received from Treasurer during the first quarter, 1860	500 00	
Cash received from Treasurer during the second quarter, 1860	300 00	
Cash received from Treasurer during the third quarter, 1860	100 00	
		1,605 99
Total.....		
Expended during fourth quarter, 1859.....	\$435 99	
Expended during first quarter, 1860.....	426 28	
Expended during second quarter, 1860.....	386 95	
Expended during third quarter, 1860.....	315 25	
		1,564 47
Balance due the United States.....		41 52

JNO. LOUGHBOROUGH,  
*Surveyor General.*

OFFICE OF THE SURVEYOR GENERAL,  
*St. Louis, October 1, 1860.*

No. 13 C.

SURVEYOR GENERAL'S OFFICE,  
*Donaldsonville, La., October 1, 1860.*

SIR: I have the honor herewith to submit the inclosed statements, numbered 1 to 8, exhibiting the condition of this surveying district, the labor performed since my last annual report, and the requirements for work yet to be executed.

No. 1 is a list of all contracts which have existed and all orders of survey which have been issued.

No. 2 is a statement of the estimated liabilities for surveys now under contract, and for those to be performed under orders issued. It must again include the accounts of H. T. Williams and Geo. C. Vanzandt, for resurveys in the Greensburg district, as the office is not aware of final action upon them by the department. The total liabilities exhibited amount to \$8,592 11.

No. 3 is a statement of the surveys proposed to be executed during the year.

Notwithstanding my frequent vain appeals for appropriations for the survey of the New Orleans township, in which I have to thank your office for its repeated assistance, I am again constrained to include an estimate for it, believing it to be the bounden duty of the government to have it performed, and persuaded its execution can with more facility occur during the existence of the office of the surveyor

general, because of his more ready access to the records of titles, &c., which will have often to be consulted.

In this connection, I would state that the legislature of Louisiana, by act of March 17, 1859, appropriated \$5,000 for the execution of surveys requisite to permit selection of swamp lands, or, when necessary to perfect titles to her vendees of portions already listed by estimated areas. There are in the rear of the city of New Orleans several thousand acres of swamp lands which would accrue to the State, but their boundaries cannot be defined until the surrounding private claims shall have been first surveyed. If Congress do not make the desired appropriation, and the department will sanction my having such surveys made as to develop the existence of these swamp lands, and to permit their being certified to the State, the above appropriation, or so much thereof as necessary, would be placed at my disposal for this purpose. I cannot perceive that this course would be improper, and it would relieve the general government of part of the cost of a survey, from which, though its duty to have performed, it would in the end derive no pecuniary benefit.

No new surveys are proposed, which have not been included in former reports, except of township 10 south, ranges 2 and 3 west, southwest district. Of these, there are no approved maps, nor can they be prepared because of the deficiency in the old notes. They include many private claims and much arable public land. The register of the district, and the numerous settlers in these townships, have made frequent demands that they should be surveyed.

No. 4 is a statement of the funds to be appropriated for the year ending June 30, 1862.

This statement is submitted with diffidence, looking to the several communications of the department, requiring the office to be so conducted as to permit its being closed on the 1st July next. Every effort will be so directed, but should it not be accomplished, I would respectfully and earnestly ask that all the money sought, especially for the bureau, may be granted, believing it true economy to have power to execute the remaining work in a short while, rather than, with a restrained force, to prolong it.

It will be perceived that this statement exhibits the balances of former appropriations as they here appear; and if they do not tally with the books of the General Land Office, I would ask that my estimate of funds necessary to be granted may be increased by whatever amount of deficiency there may be thus shown to exist.

No. 5 is a statement of the swamp and overflowed lands, selected by this office during the year as accruing to the State of Louisiana, under acts 2d March, 1849, and 28th September, 1850.

There have been selected in the district north of

Red river.....	1,547.06 acres.
Southwestern district.....	23,729.08 “
Northwestern district.....	4,862.07 “
Southeastern district.....	658.14 “
Greensburg district.....	23,691.96 “
Total .....	54,488.31 “

Which added to the selections made up to date  
of last report..... 10,960,752.87 acres.

would show the entire quantity of swamp lands  
listed to the State to be..... 11,015,241.18 “  
subject to diminution at your department by the rejection of such  
portions thereof as may have been previously disposed of, or are right-  
fully claimed by individuals.

A very large part of the above selections have been made upon  
affidavits of individuals, in conformity with the Commissioner's instruc-  
tions of November 21, 1850. Under the more rigid directions of your  
letter of 20th August last fewer selections will hereafter be made,  
and this office not be rendered an object of imposition, as it doubtless  
has often been, although it has never omitted to require full evidence  
of the character of the land selected. These later instructions are  
not here understood to forbid selection upon the field examination of a  
deputy surveyor, which is the literal requisite of the act of 2d March,  
1849, but merely to substitute new forms of proofs for those hitherto  
exacted. If in this I err, I would beg to be further instructed.

No. 6 is a list of documents transmitted to the several land offices  
from October 1, 1859, to date.

*To the General Land Office.*

Township maps.....	8
Diagrams of surveys.....	29
Plats of private claims.....	9
Accounts for surveys.....	3
Contingent expense and salary accounts.....	86
Letters and reports.....	144
Lists of swamp lands.....	73
Transcripts of field notes.....	15
Total.....	<u>367</u>

*To the register of the district north of Red river.*

Diagrams of surveys.....	1
Letters.....	21
Lists of swamp lands.....	24
Total.....	<u>46</u>

*To the register of the southwestern district.*

Township maps.....	5
Diagrams of surveys.....	10
Letters.....	52
Lists of swamp lands.....	33
Total.....	<u>100</u>

*To the register of the northwestern district.*

Township maps.....	1
Diagrams of surveys.....	5
Letters.....	28
Lists of swamp lands.....	13
	<hr/>
Total.....	47
	<hr/> <hr/>

*To the register of the southeastern district.*

Township maps.....	3
Diagrams of surveys.....	8
Plats.....	58
Letters.....	51
Lists of swamp lands.....	3
	<hr/>
Total.....	123
	<hr/> <hr/>

*To the register of the Greensburg district.*

Township maps.....	1
Diagrams of surveys.....	6
Plats for patent certificates.....	424
Letters.....	39
Swamp list.....	1
	<hr/>
Total.....	471
	<hr/> <hr/>

*To the State register at Baton Rouge.*

Township maps.....	7
Diagrams of surveys.....	12
Letters.....	71
Lists of swamp lands.....	76
	<hr/>
Total.....	166
	<hr/> <hr/>

In addition to which there have been written to deputy surveyors letters to the number of sixty-nine, and to individuals letters, sketches, &c., have been sent exceeding in number 800, making a total of documents sent from the office of 2,189, without counting the copies of plats, sketches, field notes, &c., furnished upon personal calls.

I trust in the above statement the department will find evidence of the active employment of myself and clerks during the year, and assurance of our continued assiduity. My own labors will be much

increased in examining cases submitted for the issue of scrip under the provisions of the act of June 2, 1858, while the services of the clerks will be devoted, as far as possible, to the transcription of notes, &c., as proposed in my letter of 12th July last. Upon my report then made, showing the necessity of an accession of clerical assistance, the decision of the department, promised in your letter of August 22, 1860, will be gladly received when it shall suit your convenience; and in this connection I would beg permission to refer to my letter of 15th March last, showing the details of work yet to be performed in Louisiana.

There are transcripts now made of about twenty townships in the Greensburg district, which will be sent up as soon as copies of those remaining in the same range are completed.

No. 7 is a list of deputy surveyors who have at any time during the year held commissions.

No. 8 is a diagram of the State, exhibiting the extent and condition of the surveys in Louisiana. It represents townships which have been surveyed and considered complete, as far as necessary and practicable; those now under contract; those proposed for survey; those which require corrective or additional surveys; those in which there are no swamp lands, or none mentioned in the field notes of surveys now on file; and finally those supposed to be marsh, unfit for cultivation. Upon it has been placed at the General Land Office the "Assumed extent of swamp and overflowed lands," and I have added, in a light shade of yellow, the lands reserved for railroad purposes in the several districts under the act of June 3, 1856.

Very respectfully, your obedient servant,

WILLIAM J. McCULLOH,  
*Surveyor General Louisiana.*

HON. JOSEPH S. WILSON,  
*Commissioner General Land Office, Washington City, D. C.*

No. 1.

TABULAR STATEMENT

OF

SURVEYING CONTRACTS IN LOUISIANA,

OCTOBER 1, 1860.

No. 1.—*Tabular statement of surveying contracts in Louisiana on the  
the 1st of October, 1859, the*

Date.	Names of contractors.	District.	Expiration of contract.	Time extended to—	Estimated number of miles.	Price per mile.
June 13, 1857	Thomas Hunter.....	Northwestern.....	Mar. 1, 1858	Mar. 1, 1859	100	\$8 00
Mar. 18, 1858	Theodore Gillespie.....	Southeastern.....	Jan. 1, 1860	.....	380	8 00
June 15, 1858	Joseph Gorlinski.....	Greensburg.....	May 1, 1859	.....	30	8 00
Feb. 1, 1859	Maurice Hauk6.....	Southeastern.....	Mar. 1, 1860	.....	200	8 00
Dec. 15, 1859	Charles L. Hale.....	.....do.....	Jan. 1, 1861	.....	265	8 00
Jan. 13, 1860	Albert L. Mershon.....	Northwestern.....	Jan. 1, 1861	.....	200	8 00

## ORDERS OF

June 23, 1857	V. Sulakowski.....	Southeastern.....	.....	.....	.....	\$8 00
Aug. 3, 1857	F. O. Cornay.....	Southwestern.....	.....	.....	.....	8 00
Sept. 4, 1857	S. Valery Martin.....	.....do.....	.....	.....	.....	(*)
Jan. 11, 1858	Noah H. Phelps.....	North of Red river..	.....	.....	.....	8 00
Feb. 1, 1858	.....do.....	Southwestern.....	.....	.....	50	8 00
Jan. 10, 1859	Samuel C. Hepburn....	North of Red river..	.....	.....	.....	.....
Sept. 30, 1859	F. G. Burbank.....	Southwestern.....	.....	.....	.....	8 00
Sept. 30, 1859	Noah H. Phelps.....	.....do.....	.....	.....	.....	8 00
Sept. 30, 1859	.....do.....	.....do.....	.....	.....	.....	8 00
Oct. 20, 1859	A. D. Miner.....	.....do.....	.....	.....	.....	(†)
Oct. 24, 1859	To any deputy surveyor.	Northwestern.....	.....	.....	.....	(†)
Nov. 5, 1859	Robert Boyd.....	.....do.....	.....	.....	.....	.....
Dec. 14, 1859	V. Sulakowski.....	Southeastern.....	.....	.....	.....	(†)
Dec. 31, 1859	Robert Boyd.....	.....do.....	.....	.....	.....	.....
Jan. 10, 1859	Thomas Hunter.....	Northwestern.....	.....	.....	.....	.....
Mar. 26, 1859	A. S. Phelps.....	Greensburg.....	.....	.....	.....	(†)
June 1, 1859	F. O. Cornay.....	Southwestern.....	.....	.....	.....	(†)
June 4, 1859	W. C. Robert.....	.....do.....	.....	.....	.....	8 00
July 18, 1859	W. H. Orsborn.....	.....do.....	.....	.....	.....	(†)
July 20, 1859	Joseph Gorlinski.....	Southeastern.....	.....	.....	.....	8 00
Sept. 6, 1859	F. O. Cornay.....	Southwestern.....	.....	.....	.....	(†)
Sept. 12, 1859	George S. Walmsley....	Northwestern.....	.....	.....	.....	(†)
Sept. 26, 1859	F. O. Cornay.....	Southwestern.....	.....	.....	.....	(†)
Sept. 28, 1859	T. Gillespie.....	Greensburg.....	.....	.....	.....	(  )

SURVEYOR GENERAL'S OFFICE,  
Donaldsonville, La., October 1, 1860.

\* To be paid to parties interested.  
† To be paid by parties interested.



1st of October, 1860, and including those annulled and completed since date of last annual report.

Am't paid, embracing all accounts sent up.	Number of townships in contract.	Number of townships unfinished at date of last report.	Number of townships remain'g unfinished.	Remarks.
.....	5	5	5	Field notes not yet received.
.....	5	5	5	Notes of townships 12 and 13 south, range 8 east, and townships 11, 12, and 13 south, range 9 east, returned September 29, being examined.
\$236 15	2	2	.....	Townships 8 and 9 south, range 8 east, approved and paid for.
.....	2	2	5	Surveyor in field; notes will be soon received.
1,313 06	2	2	1	Township 5 south, range 8 east, returned and approved July 20, 1860, and paid for.
.....	10	10	10	Surveyor in the field; work nearly completed, and will soon be received.

**SURVEY.**

.....	.....	.....	.....	Part of claim of Robert Martin, register's report No. 134, in township 17 south, range 16 east; surveys arrested by threats of violence. See Commissioner's letter of June 24, 1858.
.....	.....	.....	.....	Resurveys in townships 15 and 16 south, range 9 east, and township 16 south, range 10 east; no returns; field notes stated to be nearly finished.
.....	.....	.....	.....	Survey lots in sections 25, 26, 35, 32, township 8 south, range 6 east; no returns; work very difficult to represent rights of individuals.
.....	.....	.....	.....	Survey of claim of Josiah Lovelace, jr., Commissioner's report No. 100, returned and approved.
.....	.....	.....	.....	Survey of Lake Tasse, in township 11 and 12 south, range 6 east, under decision in Commissioner's letter, dated September 18, 1857; no returns; surveys will be completed during the fall.
.....	.....	.....	.....	Resurvey of the claims of Stokely & Bowie, B. 1924 and 1925; no returns; surveys will be completed during the fall.
.....	.....	.....	.....	Additional surveys in townships 9 and 10 south, range 13 west; no returns; surveys reported completed in the field.
.....	.....	.....	.....	Surveys in township 9 south, range 9 east, returned and approved.
.....	.....	.....	.....	Surveys in township 9 south, range 8 east, (Cow Island;) surveys will be made this fall.
.....	.....	.....	.....	Surveys in sections 18 and 23, township 13 south, range 6 east, returned and approved.
.....	.....	.....	.....	Examination of the character of the lands in section 1, township 15 south, range 13 west; no report made.
.....	.....	.....	.....	Survey of the claims of Hermando, Merino, Valade, and Dumortier, Sutton's report No. 7, 24, 14, and 20; returned and approved.
.....	.....	.....	.....	Survey of the lots of section 87, township 15 south, range 17 east; not returned. (Back preëmptions of Thibodeaux & Molaison.)
.....	.....	.....	.....	Survey of all the unlocated claims in townships 8 and 9 south, range 1 west; returned and approved.
.....	.....	.....	.....	Rerun traverse of Spanish lake in section 14, township 9 north, range 9 west, in connection with late surveys.
.....	.....	.....	.....	Resurvey of the claim of Joseph Johnson, township 8 south, range 7 east; resurvey reported impracticable.
.....	.....	.....	.....	Survey of an island, township 12 south, range 10 east; returned and approved.
.....	.....	.....	.....	Survey of the claim of Mark Elisha, No. 365, register and receiver 7th class; returned and approved.
.....	.....	.....	.....	Survey of the back preëmption of Joseph Walker, rec. 901 in township 4 north, range 2 west; returned and approved.
.....	.....	.....	.....	Survey of township 18 south, range 25 east; township 19 south, ranges 23 and 26 east; township 20 south, ranges 23, 24, 25, 26, and 27 east; and township 21 south, range 23 east; no returns.
.....	.....	.....	.....	Survey of the west and north boundaries of section 27, township 15 south, range 10 east; returned and approved.
.....	.....	.....	.....	Survey of claim of Emanuel Fernand, report 822; not returned.
.....	.....	.....	.....	Survey of D. C. of Charles Gravemberg, township 13 south, range 8 east.
.....	.....	.....	.....	Survey of fractional section 5, township 1 south, range 4 east. Survey claim of Caleb Kemp, townships 3 and 4 south, range 5 east.

WM. J. McCULLOH,  
Surveyor General Louisiana.

† Ten dollars per day and expenses.  
|| Five dollars per day and expenses.

Statement showing the estimated amount of liabilities of the surveying department in Louisiana for surveys under contracts and instructions on the 1st of October, 1860.

District.	Description of the surveys.	Estimated number of miles.	Price per mile.	Estimated amount of liabilities.	Total.	Name of surveyor.	Date of contracts and instructions.	Remarks.
Northwestern.....	Townships 18, 19, and 20 north, range 14 west, and townships 20 and 21 north, range 15 west.	100	\$8 00	\$800 00	.....	Thomas Hunter....	June 13, 1857	Section lines thro' lakes Terre Noire, Bestineau, Salines, Bodeau, Bayou Pierre, &c.
	Township 19 north, range 12 west; township 20 north, ranges 11 and 12 west; townships 14, 15, 16, 17, and 18 north, range 10 west; townships 15 and 16 north, range 11 west.	200	8 00	1,600 00	.....	A. L. Mershon....	Jan. 13, 1860	
Southwestern.....	Townships 15 and 16 south, range 9 east, 40 miles; township 16 south, range 10 east, 25 miles.	65	8 00	520 00	.....	F. O. Cornay.....	Instructions, Aug. 3, 1857.	Survey of section lines through Lake Tasse, or Spanish Lake.
	Townships 11 and 12 south, range 6 east .....	50	8 00	400 00	.....	Noah H. Phelps....	Instructions, Feb. 1, 1857.	
				920 00				
Southeastern, east of the Mississippi.	Township 12 south, range 8 east, 80 miles; township 13 south, range 8 east, 10 miles; township 11 south, range 9 east, 10 miles; township 12 south, range 9 east, 80 miles; township 13 south, range 9 east, 10 miles.	190	8 00	1,520 00	.....	Theodore Gillespie.	Mar. 18, 1858	
Southeastern, west of the Mississippi.	Township 15 south, range 24 east, 80 miles; township 16 south, ranges 24 and 25 east, 90 miles; township 20 south, ranges 29 and 30 east, 30 miles.	200	8 00	1,600 00	.....	Maurice Hauké....	Feb. 1, 1859	
	Township 6 south, range 8 east.....	100	8 00	800 00	.....	C. G. Hale.....	Dec. 15, 1859	
Greensburg.....	The following unsettled accounts:				3,920 00			
	George C. Vanzandt, for township 9 south, range 1 east, sent up December 22, 1846.	.....	.....	726 00				
	H. T. Williams, for township 1 south, ranges 5 and 6 east, sent up June 3, 1847.	.....	.....	386 11	1,352 11			
	Total amount of liabilities.....				8,592 11			

*Proposed surveys in the State of Louisiana for the fiscal year ending June 30, 1862, including those already authorized by appropriations.*

District.	Townships.	Estimated number of miles.	Price per mile.	Amount at augmented rates.	Total.	Remarks.
Southwestern .....	Township 10 south, range 2 west; township 10 south, range 3 west.	200	\$8 00	\$1,600 00		Proposed in previous estimates. Further examinations and report required by Commissioner's letter of June 28, 1855. Necessity explained in annual report of 1858.
	Township 15 south, range 7 east.....	30	8 00	240 00		
	Township 3 south, range 3 east.....	160	8 00	1,280 00		
	Township 13 south, range 6 east.....	10	8 00	80 00	\$3,200 00	
Southeastern, west of river....	Township 12 south, range 14 east, 30 miles; township 15 south, range 12 east, 10 miles; township 15 south, ranges 17 and 18 east, 200 miles, south of Bayou Lafourche.	240	8 00	1,920 00		Proposed in previous estimates.
Southeastern, east of river....	Township 12 south, range 11 east, New Orleans township....	150	20 00	3,000 00		Proposed and necessity fully detailed in previous reports.
	Township 8 south, range 3 east.....	75	8 00	600 00	5,520 00	
Northwestern.....	Section lines through Dolet's, Shamar, Bayou Wallace, and other shallow lakes.	150	8 00	1,200 00		Necessity shown in report of 1858.
					1,200 00	
Total of proposed surveys.....					9,920 00	

SURVEYOR GENERAL'S OFFICE, Donaldsonville, La., October 1, 1860.

WM. J. McCULLOH, Surveyor General.

*Estimate of funds to be appropriated for the fiscal year ending June 30, 1862, for surveying in Louisiana, for compensation of the surveyor general and the clerks in his office, and for the contingent expenses of the surveyor general's office.*

<i>Present liabilities for unpaid surveys under contract and instructions, viz :</i>		
Northwestern district.....	\$2,400 00	
Southwestern district.....	920 00	
Southeastern district.....	3,920 00	
Greensburg district.....	1,352 11	\$8,592 11
<i>Proposed surveys at augmented rates, \$8 per mile, of this and former years.</i>		
Southwestern district.....	3,200 00	
Northwestern district.....	1,200,00	
Southeastern district.....	2,520 00	6,920 00
Proposed resurveys, at \$20 per mile, New Orleans township.....		3,000 00
Salary and expenses of surveyor of private claims.....		21,512 11
Unexpended balance of the appropriation of \$5,055 66, by act of 18th August, 1856. (See Commissioner's letter of 9th September, 1856).....	73 65	
Unexpended balance of the appropriation of \$4,766, by act of 3d March, 185-. (See Commissioner's letter of 25th May, 1857).....	128 33	
Appropriation by act of 12th June, 1858. (See Commissioner's letter of June 30, 1858).....	3,000 00	
Unexpended balance of appropriation, per act 3d March, 1859. (See Commissioner's letter of 27th April, 1859).....	6,038 75	9,240 73
To be appropriated for surveys.....		12,271 38
<i>For Salaries.</i>		
Salary of surveyor general, per act of 3d March, 1831.....	2,000 00	
P. A. Hatkinson, chief clerk.....	1,500 00	
Aimé Bercegeay, } draughtsmen and calculators .....	1,200 00	
T. M. Washburn, } .....	1,200 00	
C. L. Mavor, } .....	1,200 00	
Henry Gascon, protractor and calculator.....	1,100 00	
Henry Ayraud, } copying clerks.....	1,000 00	
C. L. Ilsley, } .....	1,000 00	10,200 00
<i>Contingent expenses.</i>		
Rent of rooms for surveyor general's office.....	400 00	
Stationery, furniture, postage, book binding, ice, freight, fuel, copies of documents from registers, servant hire, &c.....	1,400 00	1,800 00
Total amount of appropriations required for the year ending June 30, 1862.....		24,271 38

WM. J. McCULLOH,  
Surveyor General, La.

SURVEYOR GENERAL'S OFFICE,  
Donaldsonville, La., October 1, 1850.

## No. 5.

*Statement of swamp lands accruing to the State of Louisiana under the provisions of the acts of Congress approved March 2, 1849, and September 28, 1850, excepting such portions thereof as are rightfully claimed or owned by individuals, listed to date October 1, 1860, by the surveyor general of Louisiana.*

## DISTRICT NORTH OF RED RIVER.

Township.	Range.	Land surveyed.	Estimated un-surveyed.	Total.
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
2 north.....	9 east.....	177.48	.....	177.48
5 north.....	9 east.....	166.47	.....	166.47
11 north.....	12 east.....	164.38	.....	164.38
12 north.....	5 east.....	80.12	.....	80.12
12 north.....	12 east.....	168.90	.....	168.90
15 north.....	11 east.....	40.45	.....	40.45
16 north.....	8 east.....	200.31	.....	200.31
17 north.....	7 east.....	40.02	.....	40.02
17 north.....	8 east.....	275.04	.....	275.04
18 north.....	5 east.....	80.49	.....	80.49
18 north.....	10 east.....	73.22	.....	73.22
18 north.....	11 east.....	80.18	.....	80.18
Total.....	.....	1,547.06	.....	1,547.06

## NORTHWESTERN DISTRICT.

1 north.....	9 west.....	679.58	.....	679.58
2 north.....	9 west.....	163.10	.....	163.10
3 north.....	9 west.....	39.75	.....	39.75
7 north.....	5 west.....	2,169.43	.....	2,169.43
9 north.....	6 west.....	787.00	.....	787.00
11 north.....	11 west.....	178.40	.....	178.40
12 north.....	11 west.....	79.77	.....	79.77
12 north.....	12 west.....	79.60	.....	79.60
12 north.....	14 west.....	318.24	.....	318.24
15 north.....	13 west.....	287.57	.....	287.57
19 north.....	8 west.....	79.63	.....	79.63
Total.....	.....	4,862.07	.....	4,862.07

## SOUTHEASTERN DISTRICT.

10 south.....	2 east.....	12.17	.....	12.17
12 south.....	12 east.....	15.40	.....	15.40
16 south.....	12 east.....	206.00	.....	206.00
16 south.....	13 east.....	424.57	.....	424.57
Total.....	.....	658.14	.....	658.14

REPORT OF THE  
No. 5—Continued.  
GREENSBURG DISTRICT.

Township.	Range.	Land surveyed.	Estimated un-surveyed.	Total.
8 and 9 south.....	8 east.....	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
			23,691.96	23,691.96
Total.....			23,691.96	23,691.96

SOUTHWESTERN DISTRICT.

2 north.....	1 east.....	235.57		235.57
3 north.....	1 east.....		22.16	22.16
3 north.....	6 east.....	167.78		167.78
1 north.....	1 west.....	159.72		159.72
3 north.....	1 west.....	59.92		59.92
3 north.....	2 west.....	159.16		159.16
5 south.....	3 east.....	169.92		169.92
9 south.....	3 east.....	2,944.93		2,944.93
9 south.....	9 east.....	639.80		639.80
10 south.....	3 east.....	8,522.06		8,522.06
10 south.....	4 east.....	2,974.22		2,974.22
10 south.....	7 east.....	324.25		324.25
10 south.....	8 east.....	1,284.93		1,284.93
10 south.....	9 east.....	696.28		696.28
11 south.....	3 east.....	953.36		953.36
11 south.....	4 east.....	456.63		456.63
12 south.....	3 east.....	322.60		322.60
13 south.....	4 east.....	307.05		307.05
13 south.....	5 east.....	323.44		323.44
14 south.....	10 east.....	177.84		177.84
15 south.....	10 east.....	107.96		107.96
1 south.....	10 west.....	79.92		79.92
2 south.....	6 west.....	80.49		80.49
4 south.....	1 west.....	107.04		107.04
5 south.....	1 west.....	2,254.06		2,254.06
5 south.....	2 west.....	36.72		36.72
11 south.....	5 west.....	161.27		161.27
Total.....		23,706.92	22.16	23,729.08

RECAPITULATION.

Total area of swamp lands selected in the	district north of Red river.....	1,547.06
	northwestern district.....	4,862.07
	southeastern district.....	658.14
	Greensburg district.....	23,691.96
	southwestern district.....	23,729.08
Grand total.....		54,488.31

WILLIAM J. McCULLOH,  
Surveyor General, La.

SURVEYOR GENERAL'S OFFICE,  
Donaldsonville, La., October 1, 1860.

List of documents representing surveys sent to the General Land Office, to the register's offices, and to the State register's office, since the 1st of October, 1859.

General Land Office.	District office.	State register's office.	District.	Remarks.
Diagram of township 3 north, range 6 east.	Diagram of township 3 north, range 6 east.	Diagram of township 3 north, range 6 east.	Southwestern.	
Map of township 4 south, range 1 west.	Map of township 4 south, range 1 west.	Map of township 4 south, range 1 west.	..... do.....	
Map of township 4 south, range 2 west.	Map of township 4 south, range 2 west.	Map of township 4 south, range 2 west.	.....do.....	
Map of township 5 south, range 1 west.	Map of township 5 south, range 1 west.	Map of township 5 south, range 1 west.	.....dc.....	
Map of township 5 south, range 2 west.	Map of township 5 south, range 2 west.	Map of township 5 south, range 2 west.	.....do.....	
Diagram of township 13 south, range 6 east.	Diagram of township 13 south, range 6 east.	.....do.....	.....do.....	
		Diagram of township 10 south, range 4 east.	.....do.....	
Diagram of township 4 and 5 south, range 3 west.	Diagram of township 4 and 5 south, range 3 west.	.....do.....	.....do.....	Back preëmption of J. B. Sullivan.
		Diagram of township 11 south, range 3 east.	.....do.....	
	Map of township 9 south, range 11 west.	.....do.....	.....do.....	Copy of township map.
Diagram of township 15 south, range 9 east.	Diagram of township 15 south, range 9 east.	Diagram of township 15 south, range 9 east.	.....do.....	"Cow Island."
Diagram of township 12 south, range 10 east.	Diagram of township 12 south, range 10 east.	Diagram of township 12 south, range 10 east.	.....do.....	"Turkey Island."
Diagram of township 4 south, range 3 and 4 east.	Diagram of township 4 south, range 3 and 4 east.	.....do.....	.....do.....	Representing claim of legal representatives of Guillory.
		Diagram of township 13 south, range 4 east.	.....do.....	
Diagram of township 9 south, range 9 east.	Diagram of township 9 south, range 9 east.	Diagram of township 9 south, range 9 east.	.....do.....	

SECRETARY OF THE INTERIOR.

No. 6—Continued.

General Land Office.	District office.	State register's office.	District.	Remarks.
Diagram of township 2 north, range 4 east.	Diagram of township 2 north, range 4 east.	.....	Southwestern.	Claim of Mark Elisha. Special act.
Diagram of township 4 north, range 2 west.	Diagram of township 4 north, range 2 west.	Diagram of township 4 north, range 2 west.	.....do.....	Back preemption of Jos. Walker.
Diagram of township 15 south, range 10 east.	Diagram of township 15 south, range 10 east.	.....	.....do.....	
Diagram of township 7 north, range 5 west.	Diagram of township 7 north, range 5 west.	Diagram of township 7 north, range 6 west.	Northwestern.	
Diagram of township 7 north, range 5 west.	Diagram of township 7 north, range 5 west.	.....do.....	.....do.....	Corrective of that approved April 11, 1859.
Diagram of township 9 north, range 6 west.	Diagram of township 9 north, range 6 west.	Diagram of township 7 north, range 5 west.	.....do.....	
Diagram of township 11 north, range 9 and 10 west.	Diagram of township 11 north, range 9 and 10 west.	.....	.....do.....	Subdivisions.
Diagram of township 8 north, range 12 west.	Map of township 11 north, range 9 west.	.....	.....do.....	Copy of township map.
Diagram of township 8 north, range 3 east.	Diagram of township 8 north, range 12 west.	.....	.....do.....	Subdivisions.
Diagram of township 8 north, range 3 east.	Diagram of township 8 north, range 3 east.	.....	North of Red river.	Subdivisions of lot 3, section 13.
Map of township 22 south, range 24 east.	.....	Map of township 16 south, range 24 east.	Southeastern.	
.....	.....	.....	.....do.....	
.....	8 plats of township 14 south, range 15 east.	.....	.....do.....	Duplicate plats of four claims.
.....	2 plats.....	.....	.....do.....	Claim of J. Franchbois, O. B. 316.
.....	4 plats.....	.....	.....do.....	Claim of Widow Dupare, R. and R. 424, and Mr. Mercier, 437.
.....	2 plats of township 15 south, range 18 east.	.....	.....do.....	Claim of Daniel Clark.
.....	Diagram of township 9 south, range 12 east.	.....	.....do.....	



	8 plats of township 9 south, range 12 east.	.....do.....	Duplicate plats of four claims.
	6 plats of township 12 and 13 south, range 17 east.	.....do.....	Duplicate plats of three claims.
	2 plats of township 13 south, range 14 east.	.....do.....	Claim of George Mather, sec. 69.
	4 plats of township 12 and 13 south, range 17 east.	.....do.....	Duplicate plats of two claims.
	12 plats of township 9 south, range 12 east.	.....do.....	Duplicate plats of six claims.
	Map of township 16 south, range 16 east.	.....do.....	
Diagram of township 12 south, range 10 east.	Diagram of township 12 south, range 10 east.	.....do.....	Representing claim of F. P. and V. De La Barre, C. 178.
	2 plats of township 12 south, range 10 east.	.....do.....	Claim of F. P. and V. De La Barre, R. and R. C. 178.
Diagram of township 3 south, range 9 east.	2 plats of township 5 south, range 9 and 10 east.	.....do.....	
	Diagram of township 3 south, range 9 east.	.....do.....	
	Diagram of township 14 south, range 22 east.	.....do.....	
Map of township 8 and 9 south, range 1 west.	4 plats of township 9 south, range 12 east.	.....do.....	Duplicate plats of two claims.
Diagram of township 8 and 9 south, range 1 east.	Map of township 8 and 9 south, range 1 west.	.....do.....	
Diagram of township 16 south, range 13 east.	Map of township 8 and 9 south, range 1 east.	.....do.....	
Diagram of township 4 south, range 10 east.	Map of township 16 south, range 13 east.	.....do.....	Representing claim of Daniel Clark, N. 106.
Map of township 5 south, range 8 east.	Map of township 4 south, range 10 east.	.....do.....	
Diagram of township 12 and 13 south, range 20 east.	Map of township 5 south, range 8 east.	.....do.....	
	Diagram of township 12 and 13 south, range 20 east.	.....do.....	Claim of A. Brou. Special act.
	2 plats of township 12 and 13 south, range 20 east.	.....do.....	Duplicate plats of above claim.
	8 plats of township 3 south, range 3 west.	Greensburg.....	Duplicate plats of four claims.
	4 plats of township 1 south, range 2 east.	.....do.....	Duplicate plats of two claims.

No. 6—Continued.

General Land Office.	District office.	State register's office.	District.	Remarks.
	14 plats of township 3 south, range 12 east.		Greensburg.....	Duplicate plats of seven claims.
Diagram of township 8 south, range 12 east.	Diagram of township 8 south, range 12 east.		.....do.....	Claim of Louis Reggio.
Diagram of township 8 south, range 13 east.	Diagram of township 8 south, range 13 east.		.....do.....	Claim of Louis Reggio.
Field notes of township 7 south, range 1 west.			.....do.....	
Plat of township 8 south, range 12 and 13 east.			.....do.....	
Field notes of 14 townships.			.....do.....	Transcript of field notes of township 18., ranges 1 to 14 inclusive. Claim of Malachie Burns.
	2 plats of township 4 south, range 1 west.		.....do.....	
	20 plats of township 4 south, range 2 east.		.....do.....	Duplicate plats of ten claims.
	38 plats of township 1 south, range 5 east.		.....do.....	Duplicate plats of nineteen claims.
	10 plats of township 4 south, range 2 west.		.....do.....	Duplicate plats of five claims.
	28 plats of township 5 south, range 1 west.		.....do.....	Duplicate plats of fourteen claims.
	20 plats of township 1 south, range 2 east.		.....do.....	Duplicate plats of ten claims.
	2 plats of township 4 south, range 2 east.		.....do.....	Claim of Breed and Talbert.
Map of township 8 and 9 south, range 8 east.	Map of township 8 and 9 south, range 8 east.	Map of township 8 and 9 south, range 8 east.	.....do.....	
Diagram of township 8 and 9 south, range 9 east.	Diagram of township 8 and 9 south, range 9 east.	Diagram of township 8 and 9 south, range 9 east.	.....do.....	
Plat of township 5 south, range 1 west.			.....do.....	Patent plat claim of heirs of Wm. McFarland.
Diagram of township 1 south, range 1 and 2 west.	Diagram of township 1 south, range 1 and 2 west.		.....do.....	Showing decision of R. and R. upon confictions.

	2 plats of township 8 and 9 south, range 8 and 9 east.	.....do.....	Claim of Boeckter.
	Diagram of township 7 south, range 1 east.	.....do.....	
	6 plats of township 1 south, range 1 and 2 west.	.....do.....	Duplicate plats of three claims.
	24 plats of township 2 south, range 8 east.	.....do.....	Duplicate plats of 12 claims.
	36 plats of township 1 south, range 10 east.	.....do.....	Duplicate plats of 18 claims.
Diagram of township 8 south, range 7 east.	Diagram of township 8 south, range 7 east.	.....do.....	
	2 plats of township 8 south, range 7 east.	.....do.....	Claim of Joseph Johnson.
	2 plats of township 7 south, range 6 east.	.....do.....	Claim of James Rheams.
	4 plats of township 8 south, ranges 5 and 6 east.	.....do.....	Claims of D. B. Harris and Thos. Davidson.
	6 plats of township 1 south, range 11 east.	.....do.....	Duplicate plats of 3 claims.
	4 plats of township 1 south, range 7 east.	.....do.....	Duplicate plats of 2 claims.
2 plats of township 8 south, range 1 west.	28 plats of township 8 south, range 1 west.	.....do.....	Duplicate plats of 14 claims.
Diagram of townships 2 and 3 south, range 4 west.	.....do.....	.....do.....	
	10 plats of townships 2 and 3 south, ranges 3 and 4 west.	.....do.....	Duplicate plats of 5 claims.
2 plats of township 2 south, range 2 west.	.....do.....	.....do.....	
2 plats of township 3 south, range 4 west.	.....do.....	.....do.....	
	2 plats of township 2 south, range 5 west.	.....do.....	Claim of John Gale, No. 175.
	4 plats of township 5 south, range 2 west.	.....do.....	Duplicate plats of 2 claims.
Plat of township 5 south, range 2 west.	.....do.....	.....do.....	Claim of John Buhler, section 46.
	28 plats of township 5 south, ranges 2 and 3 east.	.....do.....	Duplicate plats of 14 claims.
	16 plats of township 8 south, range 6 east.	.....do.....	Duplicate plats of 8 claims.

No. 6—Continued.

General Land Office.	District office.	State register's office.	District.	Remarks.
Diagram of township 7 south, range 1 west.	34 plats of township 4 south, range 4 east.	.....	Greensburg.....	Duplicate plats of 17 claims.
	2 plats of township 6 south, ranges 2 and 3 east.	.....	.....do.....	Claim of heirs of William Smith. Special act.
	Diagram of township 7 south, range 1 west.	.....	.....do.....	

RECAPITULATION.

Documents sent.	To General Land Office.	To district offices.	To State register's office.	Total.
Maps .....	8	10	6	24
Diagrams .....	29	30	12	71
Plats of claims.....	9	424	.....	433
Transcripts of field notes.....	15	.....	.....	15
Swamp lists.....	73	73	76	222
Grand total.....	.....	.....	.....	765

*List of Deputy Surveyors in the State of Louisiana holding commissions from William J. McCulloh, Surveyor General of Louisiana.*

Names.	Date of oath.	Residence.	How employed.
William Sevey.....	July 1, 1853.....	Baton Rouge .....	
William H. Osborn.....	July 7, 1853 .....	Parish of Rapides .....	Surveys in southwest district, under instructions.
Joseph Gorlinski.....	July 11, 1853.....	Baton Rouge.....	Surveys in southeast district, under instructions.
Noah H. Phelps.....	July 13, 1853.....	Harrisonburg .....	Surveys under instructions.
Andrew Crawford.....	July 13, 1853.....	Parish of Pointe Coupée .....	
Thomas Hunter .....	July 15, 1853.....	Parish of Natchitoches.....	Contract in northwest district.
Abner P. Miner.....	July 19, 1853.....	New Iberia.....	Surveys in southwest district, under instructions.
Henry Curtis.....	August 29, 1853.....	Parish of Morehouse .....	
Robert Boyd.....	August 31, 1853.....	Donaldsonville .....	
Thomas Mullet.....	September 10, 1853.....	.....do .....	
Samuel C. Hepburn.....	September 17, 1853.....	.....do .....	
Theodore Gillespie.....	October 1, 1853.....	New Orleans.....	Contract in southeast district.
Maurice Hauké.....	November 1, 1853.....	Donaldsonville.....	Do. do.
Silas Taylor .....	November 21, 1853.....	.....do .....	
R. C. Brent .....	December 30, 1853.....	.....do .....	
Alfred A. Fusilier.....	January 18, 1854.....	Parish of St. Mary.....	
George S. Walmsley.....	March 6, 1854.....	Cloutierville .....	
Wilson C. Robert.....	August 8, 1854.....	Parish of Avoyelles.....	
A. L. Mershon.....	September 23, 1854.....	Donaldsonville.....	Contract in northwest district.
F. O. Cornay.....	October 13, 1854.....	Parish of St. Mary.....	Surveys in southwest district, under instructions.
John H. Halsay.....	November 23, 1854.....	Donaldsonville.....	
Thomas H. Weightman.....	December 22, 1854.....	.....do .....	
Lafayette Caldwell.....	December 28, 1854.....	Parish of West Baton Rouge .....	
Thomas M. Marks .....	December 28, 1854.....	Pineville Bossier.....	
John Rykowski.....	May 25, 1855 .....	Donaldsonville .....	Commission revoked.
William Sidney Smith.....	November 30, 1855.....	Parish of Concordia.....	
Simeon Nalery Martin.....	April 3, 1856 .....	Parish of St. Martin.....	Surveys in southwest district, under instructions.
P. E. Broussard .....	April 23, 1856.....	Parish of Vermillion.....	
F. O. Dugas.....	April 28, 1856.....	Parish of St. Martin.....	
Jules L. Le Blanc.....	May 22, 1856.....	.....do .....	
Valerien Sulakowski.....	July 5, 1856.....	Terrebonne .....	Surveys in southeast district, under instructions.

No. 7—Continued.

Names.	Date of oath.	Residence.	Now employed.
William W. Johnson .....	October 10, 1856.....	Parish of St. Mary.....	Contract in southwest district, under instructions.
Adolphe J. Anselme .....	February 5, 1857.....	Parish of Pointe Coupée.....	
W. H. Scales.....	March 21, 1857.....	Jackson, Louisiana.....	
Maunsel Bennett.....	March 30, 1857.....	Parish of Rapides.....	
James Edmonston.....	May 13, 1857 .....	New Orleans. ....	
Alexander J. Norwood.....	November 23, 1857.....	Parish of Franklin.....	
B. L. Raftery.....	February 26, 1858.....	New Orleans.....	
Jules G. Dreux.....	May 11, 1858.....	.....do .....	
P. N. Judice.....	May 26, 1858 .....	Donaldsonville .....	
H. B. Ritchie.....	June 7, 1858.....	Parish of St. Landry .....	
William S. Burton.....	June 8, 1858.....	Parish of Pointe Coupée.....	
Charles G. Hale.....	June 12, 1858.....	.....do.....	
J. Clarence Percy.....	June 14, 1858.....	Parish of West Feliciana.....	
William Everard Marshall.....	July 10, 1858.....	Parish of Ouachita.....	
F. J. Burbank.....	May 14, 1859 .....	St. Martinsville.....	
William M. Washburn.....	May 19, 1859 .....	Parish of Morehouse.....	
John L. Cole.....	May 21, 1859 .....	De Soto Parish .....	
Pierre A. Thibodeaux .....	July 12, 1859 .....	Thibodeauxville .....	
George O. Elms.....	February 16, 1860 .....	New Orleans .....	
Elijah Ewing.....	March 7, 1860.....	Vermillion .....	
J. V. Van Pelt .....	May 7, 1860.....	Baton Rouge .....	
Hezekiah Hays.....	May 30, 1860.....	St. Landry.....	
James F. Lee.....	August 1, 1860.....	Vermillion .....	
William A. Meriwether.....	August 14, 1860.....	Shreveport .....	

ntract in southeast district.

Contract in southwest district, under instructions.

SURVEYOR GENERAL'S OFFICE, Donaldsville, Louisiana, October 1, 1860.

WM. J. McCULLOH, Surveyor General, Louisiana

No. 13 D.

SURVEYOR GENERAL'S OFFICE,  
*St. Augustine, Fla., October 1, 1860.*

SIR: In compliance with instructions from your office, dated the 20th April, 1860, I have the honor to report on the surveying business of this district for the year ending September 30, 1860, and the disbursements and expenditures for the fiscal year ending June 30, 1860, embracing documents marked from A to L, inclusive.

From these documents it will be perceived that all the contracts for the survey of the public lands in this district, entered into previous to the date of the last annual report, September 30, 1859, have been closed, (with the exception of a single one, which, it is expected, will soon be returned in full to this office,) copies of plats and field notes of the same have been reported to the department and the work paid for.

The following contracts have been entered into for the survey of the public land in this district since the 30th September, 1859, to wit: John Jackson, for the survey of township lines south of the Carloosahatchie river and west of Lake Okeechobee, estimated at 350 miles. Of this contract there has been returned to this office approved field notes and diagram sent up and paid for 357 miles, 19 chains, 70 links. Contract closed.

John B. Kilgore, survey of subdivision lines estimated at 370 miles, of which there has been returned to this office copies of field notes, and approved plats sent up and paid for two townships 34 miles, 5 chains, 13 links. The balance of the contract is unfinished in consequence of the sickness of the deputy, who will take the field as soon as the season will permit, and close up the contract.

Samuel E. Hope, survey of subdivision lines estimated at 480 miles of which there has been returned to this office, and copies of approved plats and field notes sent up and paid for 478 miles, 9 chains, 17 links, and contract closed. (See Document B, C, and D.)

Document E exhibits in full the names, &c., of all persons employed in this office since the last annual report, stating specifically the occupation of each.

Document F is a statement of the number of original plats sent to the general and local land offices for the year ending September 30, 1859, to have been 187 original and copies.

Document G contains a list of descriptive notes for each prepared and transmitted to the local land offices for the year ending September 30, 1860, to be forty-two.

Document H is an account current of expenditures incident to the survey of the public land in this district for the year ending June 30, 1860, showing the amount expended \$590 70, leaving amount in my hands to be accounted for of \$233 01.

Document I is an estimate of funds for the office of surveyor general, and for continuing the survey of the public lands in the district for the fiscal year ending the 30th June, 1862, amounting to \$7,700. Should the department persist in its views of not surveying the southern

portion of the peninsula, but a portion of the above amount will be required, depending on the time of closing this office.

Document K is an estimate for extra clerk hire for the year 1862, amounting to \$2,200. This amount will not be required should the department decide on closing the office by the 30th June or September, 1862, as suggested by me may be done, should the allowance for one clerk to assist in verifying unfinished records, &c., be made to this office during the present year.

Document L is an exhibit showing the public property of every description in charge of this office, specifying the receipts from all quarters, and the quantity on hand.

This office has had the verification of four swamp land lists received from the General Land Office, and one from the State agent. Three copies of the last were made and sent, one to the General Land Office, one to the local land office, and one for this office, all of which have been withdrawn since, owing to the change of instructions on the subject from the General Land Office of the 6th June, 1860.

From the preceding documents, a full and accurate view of the operations of this office may be derived, with the exception of the numerous calls made on it by private individuals for plats and information relative to the public and private surveys, which have been of such a nature as to render it inexpedient to keep an exact note of them.

In view of the late interpretation of the swamp land act of the 13th September, 1850, issued on the 6th June, 1860, it becomes still more important, in my opinion, that the public surveys should be extended to the country south of the Carloosahatchie river, on the southern peninsula of this State, as there is but little doubt there are large tracts in that section that do not come under the designation of swamp and overflowed lands according to the present interpretation of said act. There are still a number of private claims, Spanish and other grants outstanding, that have not been surveyed owing to the indefinite calls of said grants.

Very respectfully, your obedient servant,

FRANCIS L. DANCY,

*Surveyor General.*

COMMISSIONER OF THE GENERAL LAND OFFICE,  
*Washington City, D. C.*



B.

*Statement of contracts for the survey of the public lands not closed at the date of the last annual report from this office, dated September 30, 1859.*

Name of contractor.	Date of contract.	Time allowed.	Rate per mile.	Miles returned.			Estimated amt of contract.	Amount returned and paid.			Aggregate.	Remarks.
				Miles.	Ch.	Lks.		1858.	1859.	1860.		
James D. Galbraith.....	Nov. 10, 1858	April 10, 1859, (extended to Apr. 10, 1860.)	\$4 00	122	1	38	360	.....	.....	\$488 07	.....	Two townships returned and paid for; the remainder not yet returned. The balance of this contract included in contract dated November 1, 1859
John Jackson.....	Nov. 5, 1858	April 1, 1859	6 00	314	7	47	450	.....	\$1,884 55	.....	.....	
William J. Reyes.....	Sept. 21, 1858	Feb. —, 1859	4 00	215	0	10	240	.....	860 01	.....	.....	Contract closed. Contract closed.
William J. Reyes.....	Nov. 28, 1855, (renewed by bond Sept. 9, 1858.)	April 1, 1856, to April 1859.	4 00	358	69	90	400	.....	1,432 55	.....	.....	
Samuel E. Hope.....	Jan. 15, 1859	June 1, 1859	4 00	311	46	83	450	.....	1,246 35	.....	.....	Contract closed.
John B. Kilgore.....	Jan. 8, 1859	May 15, 1859	4 00	{ 239 191	{ 70 23	{ 73 21	450	.....	959 54	765 16	.....	Contract closed.
William S. Harris.....	March 4, 1859	July 1, 1859	6 00	{ 344	{ 10	{ 1	469	.....	2,064 75	1,843 65	.....	Contract closed.
				{ 146 307	{ 3 22	{ 37 11	.....	.....	876 25	.....	.....	.....
.....	.....	.....	.....	25,50	15	11	.....	.....	9,324 00	3,096 88	12,420 88	.....

SURVEYOR GENERAL'S OFFICE, St. Augustine, Fla., September 30, 1860.

FRANCIS L. DANCY, Surveyor General.

SECRETARY OF THE INTERIOR.

*Statement of contracts for the survey of the public lands in the State of Florida, entered into since September 30, 1859, the date of the last annual report from this office.*

Date of contract.	Name of contractor.	Time allowed.	Rate per mile.	Estimated number of miles.
November 1, 1859.....	John Jackson .....	February 1, 1860.....	\$6 and \$7	340
October 28, 1859.....	John B. Kilgore.....	May 1, 1860.....	\$4	370
November 28, 1859.....	Samuel E. Hope.....	April 1, 1860.....	\$4	480

SURVEYOR GENERAL'S OFFICE, *St. Augustine, Fla., September 30, 1860*

FRANCIS L. DANCY, *Surveyor General.*

## D.

*Statement showing the names of contractors, date of contract, character, locality, and present condition of the surveys undertaken since the date of the last annual report, including also those contracted for prior to, but not completed at that date, September 30, 1859.*

Name of deputy and date of contract.	Character of work.	Locality, township, and range.	State.	Present condition.
James D. Galbraith, November 10, 1858.	Subdivision.....	Township 34, ranges 24 and 25; township 35, ranges 24 and 25; township 36, range 25; and township 37, range 25.	Florida...	Two townships approved; plats and field notes sent to commissioner, September 11, 1860; the balance of the work not yet received; deputy supposed to be in the field, time having been allowed him on account of good and sufficient reasons shown.
John Jackson, November 5, 1858.	Township lines.....	From township 35 south to 40, inclusive, range 23 to 33 east.	Florida...	314 miles 7 chains 47 links approved July 6, 1859; the remainder included in contract dated November 1, 1859; contract closed as far as the work was found to be practicable.
William J. Reyes, September 21, 1858.	Subdivision lines .....	Township 44 south, range 41 east; township 44 south, range 42 east; township 44 south, range 43 east.	Florida...	After examination, by special examiner, approved; sent to General Land Office, November 9, 1859, and contract closed.
William J. Reyes, November 28, 1855; renewed by bond September 9, 1858.	Subdivision and township lines.	Townships 41, 42, and 43 south, range 28 east; township 43 south, range 39 east; townships 41, 42, 43, and 44 south, and 42 south, ranges 37 and 39 east; townships 42 and 43 east, range 40 east; townships 42 and 43 south, range 42 east; and townships 42 and 43 south, range 43 east.	Florida...	After examination, by special examiner, and sent to General Land Office, November 9, 1859, approved, and contract closed.
Samuel E. Hope, January 15, 1859.	Subdivision lines.....	Township 34, range 28; township 34, range 29; township 34, range 30; township 34, range 31; township 35, range 30; township 35, range 31; township 38, ranges 24 and 25; and township 39, ranges 24 and 25.	Florida...	Work approved; contract closed,

## D—Continued.

Name of deputy and date of contract.	Character of work.	Locality, township, and range.	State.	Present condition.
Samuel E. Hope, November 28, 1859.	Subdivision lines.....	Township 36, ranges 26, 27, and 28; township 38, range 26; township 39, range 26; township 39, range 24; and township 40, ranges 23, 24, and 25.	Florida...	Field notes approved; plats sent to commissioner August 3, 1860; contract closed.
John R. Kilgore, January 8, 1859.	Subdivision lines....	Townships 32, 33, and 34, range 27; townships 33, 34, and 35, range 26; and township 35, range 27.	Florida...	Contract closed; work sent up in 1859 and 1860.
John B. Kilgore, October 28, 1859.	Subdivision lines.....	Township 37, ranges 26, 27, 28, 29, and 30; and township 32, range 27.	Florida...	Township 37, range 27, and township 34, range 28, sent up in 1860; compelled to leave the field on account of sickness; will resume operations as soon as the season will permit.
John Jackson, November 1, 1859.	Township lines.....	From township 40 south, to the Carboosahatchie river, including contract of November 5, 1858.	.....	Plat returned to General Land Office; approved; and work finished as far as practicable, and contract closed.

SURVEYOR GENERAL'S OFFICE, St. Augustine, Fla., September 30, 1860.

FRANCIS L. DANCY, Surveyor General.

## E.

Statement showing the names, duties, &c., of persons employed in the Surveyor General's Office for the district of Florida during the year ending September 30, 1860.

Names.	Duty.	Whence appointed.	Term of service	Salary per annum.	Remarks.
Francis L. Dancy.....	Surveyor General.....	Florida .....	Four years...	\$2,000 00	Copying correspondence, making plats, and assisting in comparing plats and field notes, and answering inquiries of persons visiting the office for information.
Robert F. Dancy.....	Chief clerk.....	Florida .....	July 15, 1858	1,600 00	
William S. Harris ....	Draughtsman.....	Florida .....	Sept. 19, 1859	1,300 00	Resigned, January 20, 1860.
Edwin D. Foxhall ....	Draughtsman.....	Florida .....	Jan. 21, 1860	1,300 00	Preparing original township plats for surveyor general's office, Commissioner's and register's offices, and making plats of private claims, &c.
Martha M. Reid.....	Field note clerk.....	Florida .....	June 5, 1858	600 00	Copying field notes of surveys as returned to this office, and other incidental copying.
Edwin D. Foxhall.....	Clerk, preparing unfinished records, under act of Congress of 1840.	North Carolina ...	July 15, 1858	1,200 00	Appointed draughtsman, January 21, 1860.
John S. Purviance ....	Copying field notes for preservation at the seat of government, &c.	Florida .....	Nov. 10, 1859	1,000 00	Copying field notes, &c., for preservation at the seat of government; assisting in comparing and examining plats of swamp land selections, and transcribing condensed history of private claims, vol. 4.
Ramon Canova.....	Clerk, preparing unfinished records, &c.	Florida .....	Mar. 1, 1860	1,000 00	Comparing field notes and plats; bringing up the indexes and arranging correspondence, and making a synopsis of the same, and assisting in examining swamp land plats and private claim records for verification.
John.....	Messenger .....	Florida .....	Per quarter....	180 00	Cleaning office, carrying messages, &c,

SURVEYOR GENERAL'S OFFICE, *St. Augustine, Fla., August 31, 1860.*

FRANCIS L. DANCY, *Surveyor General.*

## F.

Statement of original plats, for commissioners and registers, made and copied, with the date of transmission to the general and district land offices, since the date of last annual report, September 30, 1859.

Township.	Range.	Land district.	State.	Original.	No. of copies.				No. of copies.
					Com'r.	When sent.	Reg'r.	When sent.	
No. 5 south .....	No. 13 east.....	Newnansville .....	Florida ...	1	1	Oct. 6, 1859			1
6 south .....	14 east.....	do.....	do.....	1	1	do.....			1
42 south .....	40 east.....	Tampa.....	do.....	3	1	Nov. 9, 1859	1	Sept. 10, 1860	3
42 south .....	42 east.....	do.....	do.....	3	1	do.....		do.....	3
42 south .....	43 east.....	do.....	do.....	3	1	do.....	1	do.....	3
43 south .....	40 east.....	do.....	do.....	3	1	do.....	1	do.....	3
43 south .....	42 east.....	do.....	do.....	3	1	do.....	1	do.....	3
43 south .....	43 east.....	do.....	do.....	3	1	do.....	1	do.....	3
44 south .....	41 east.....	do.....	do.....	3	1	do.....	1	do.....	3
44 south .....	42 east.....	do.....	do.....	3	1	do.....	1	do.....	3
44 south .....	43 east.....	do.....	do.....	3	1	do.....	1	do.....	3
38 south .....	24 east.....	do.....	do.....	3	1	Nov. 15, 1859	1	do.....	3
34 south .....	28 east.....	do.....	do.....	3	1	do.....	1	Not sent.	3
34 south .....	29 east.....	do.....	do.....	3	1	do.....	1	do.....	3
34 south .....	30 east.....	do.....	do.....	3	1	do.....	1	do.....	3
35 south .....	30 east.....	do.....	do.....	3	1	do.....	1	do.....	3
34 south .....	31 east.....	do.....	do.....	3	1	do.....	1	do.....	3
35 south .....	31 east.....	do.....	do.....	3	1	do.....	1	do.....	3
38 south .....	25 east.....	do.....	do.....	3	1	do.....	1	do.....	3
33 south .....	26 east.....	do.....	do.....	3	1	Nov. 25, 1859	1	do.....	3
34 south .....	26 east.....	do.....	do.....	3	1	do.....	1	Sept. 10, 1860	3
35 south .....	26 east.....	do.....	do.....	3	1	do.....	1	Not sent.	3
35 south .....	27 east.....	do.....	do.....	3	1	do.....	1	Sept. 10, 1860	3
23 south .....	36 east.....	do.....	do.....	3	1	Dec. 9, 1859	1	Mar. 19, 1860	3
24 south .....	36 east.....	do.....	do.....	3	1	do.....	1	do.....	3
23 south .....	37 east.....	do.....	do.....	3	1	do.....	1	Not sent.	3
24 south .....	37 east.....	do.....	do.....	3	1	do.....	1	Mar. 19, 1860	3

25 south	37 east	do	do	3	1	do	1	do	3
26 south	37 east	do	do	3	1	do	1	do	3
23 south	38 east	do	do	3	1	do	1	do	3
27 south	38 east	do	do	3	1	do	1	do	3
28 south	38 east	do	do	3	1	do	1	do	3
28 south	37 east	do	do	3	1	Dec. 30, 1859	1	do	3
29 south	39 east	do	do	3	1	do	1	do	3
30 south	39 east	do	do	3	1	do	1	do	3
31 south	39 east	do	do	3	1	do	1	do	3
30 south	38 east	do	do	3	1	do	1	do	3
32 south	40 east	do	do	3	1	do	1	Not sent.	3
33 south	40 east	do	do	3	1	do	1	Mar. 19, 1860	3
34 south	40 east	do	do	3	1	do	1	do	3
Sub-diagram 1 south and east	31 west	Tallahassee	do	3	1	Mar. 3, 1860	1	Mar. 3, 1860	3
Diagram of township boundaries	22 to range								
	34 east	Tampa	do	3	1	April 28, 1860	1		3
No. 18 south	35 east	do	do	3	1	May 15, 1850	1	Not sent.	3
21 south	36 east	do	do	3	1	do	1	do	3
22 south	36 east	do	do	3	1	do	1	do	3
21 south	37 east	do	do	3	1	do	1	do	3
22 south	37 east	do	do	3	1	do	1	do	3
22 south	38 east	do	do	3	1	do	1	do	3
32 south	27 east	do	do	3	1	June 6, 1860	1	do	3
33 south	27 east	do	do	3	1	do	1	Sept. 10, 1860	3
34 south	27 east	do	do	3	1	do	1	do	3
37 south	27 east	do	do	3	1	do	1	Not sent.	3
34 south	28 east	do	do	3	1	do	1	do	3
40 south	23 east	do	do	3	1	Aug. 3, 1860	1	do	3
39 south	24 east	do	do	3	1	do	1	do	3
40 south	24 east	do	do	3	1	do	1	do	3
40 south	25 east	do	do	3	1	do	1	do	3
36 south	26 east	do	do	3	1	do	1	do	3
38 south	26 east	do	do	3	1	do	1	do	3
39 south	26 east	do	do	3	1	do	1	do	3
36 south	27 east	do	do	3	1	do	1	do	3
36 south	28 east	do	do	3	1	do	1	do	3
39 south	25 east	do	do	3	1	do	1	do	3
36 south	25 east	do	do	2	1	Sept. 11, 1860			2
37 south	25 east	do	do	2	1	do			2

## G.

*List of plats, and descriptive notes for each, prepared and transmitted to the local land office, for the year ending September 30, 1860.*

Township south of the basis parallel.	Range east of the principal meridian.	Land districts.
Townships 23 and 24.....	36	Tampa.
Townships 24, 25, 26, and 28.....	37	Do.
Townships 23, 27, and 28.....	38	Do.
Townships 29, 30, and 31.....	39	Do.
Townships 32, 33, and 34.....	40	Do.
Township 38.....	24	Do.
Township 34.....	26	Do.
Townships 30, 31, 33, 34, and 35.....	27	Do.
Townships 30, 31, 32, and 33.....	28	Do.
Townships 32 and 33.....	30	Do.
Township 32.....	32	Do.
Townships 32, 36, and 37.....	34	Do.
Township 35.....	35	Do.
Townships 42 and 43.....	40	Do.
Township 44.....	41	Do.
Townships 42, 43, and 44.....	42	Do.
Townships 42, 43, and 44.....	43	Do.

FRANCIS L. DANCY,  
Surveyor General

SURVEYOR GENERAL'S OFFICE,  
St. Augustine, Florida, September 16, 1860.



H.

*The United States in account current with F. L. Dancy, Surveyor General of Florida, for the fiscal year ending June 30, 1860.*

DR.

CR.

DR.			CR.		
Date.	Disbursements.	Amount.	Date.	Receipts.	Amount.
Sept. 30, 1859	By amount of disbursements for the quarter ending September 30, 1859 .....	\$124 03	June 30, 1859	By amount due United States.....	\$173 71
Dec. 31, 1859	By amount of disbursements for the quarter ending December 31, 1859.....	141 84	Dec. 9, 1859	By amount of treasury draft No. 1,735.....	150 00
Mar. 31, 1860	By amount of disbursements for the quarter ending March 31, 1860.....	197 80	Mar. 9, 1860	By amount of treasury draft No. 1,994.....	250 00
June 30, 1860	By amount of disbursements for the quarter ending June 30, 1860 .....	127 03	June 29, 1860	By amount of treasury draft .....	250 00
	By amount due United States June 30, 1860...	233 01			
		823 71			823 71

SURVEYOR GENERAL'S OFFICE, *St. Augustine, Florida, September 30, 1860.*

FRANCIS L. DANCY, *Surveyor General.*

SECRETARY OF THE INTERIOR.

## I.

*Estimate of funds required for the office of surveyor general of Florida, for the fiscal year ending June 30, 1862, and for continuing the surveys of the public lands for the same period.*

For salary of surveyor general.....	\$2,000
For salary of regular clerks, as now by law allowed.....	3,500
For contingent expenses, fuel, stationery, instruments, binding, &c.....	1,000
For scrap work on the Gulf coast, in townships 16, 17, 18, and 19 south, range 15 east, left unfinished by former deputies, from difficulties attending the survey, such as salt-water bayous, and dense hammock growth, estimated at 200 hundred miles, at six dollars per mile.....	1,200
	<hr/>
	7,700
	<hr/> <hr/>

Several applications have been made to this office during the last year for the survey of these townships, by persons residing in the vicinity, who are desirous of purchasing them for the red-cedar timber growing on them, which I have been unable to comply with, from want of funds.

FRANCIS L. DANCY,  
*Surveyor General.*

## K.

*Estimate of appropriations for extra clerk hire on account of the unfinished state of the records of the office, (under a former administration,) requiring examination and authentication before being delivered to the State authorities.*

For one clerk in transcribing field notes of surveys, for the purpose of preserving them at the seat of government, as per act of Congress .....	\$1,000
For one clerk in verifying unfinished records of public and private surveys, and diagrams of swamp and overflowed lands selected for the State.....	1,200
	<hr/>
	2,200
	<hr/> <hr/>

The number of private claims, the duplicates of which were made under my predecessor, requiring examination and approval, is two hundred and fifty-seven.

The number of private claim plats to be made in connection with

the history of the claim, from its inception to its confirmation under this government, is seventy-nine.

The number of swamp land plats left unverified by my predecessor, is twelve hundred and thirty-four.

The number of descriptive notes to be made for the local land offices, is forty-five.

This work is all in addition to the regular work of making up the surveys, as they are returned to this office, the examination and verification of swamp land lists from the General Land Office, and the State selecting agents, and attending the numerous calls of private individuals on the office for information relative to the public lands and private land claims. Should the Commissioner decide that the last clerk named above, shall be continued this present year, the above appropriation will not be required for the next fiscal year, 1862.

FRANCIS L. DANCY,  
*Surveyor General.*

L.—Return of public property appertaining to the office of the surveyor general of Florida, received and expended by Francis L. Dancy, surveyor general, in the year ending September 30, 1860.

From whom received.	MISCELLANEOUS RECORDS.														
	Field notes.									Private land claims.					
	Field notes of surveys. No. of vols. bound.	Field notes of surveys. No. of vols. not bound.	Superseded field notes. Portfolios of.	Index to field notes. Vols. of.	Township plats of public and private surveys. Vols. of.	Township plats superseded. No. of vols.	Standard lines and State boundaries. No. of vols.	Loose diagrams. No. of vols.	Unbound plats. Portfolios. No. of.	Confirmation of private claims, and index to same. Vols. of.	Abstract of claims confirmed by court. Portfolios of.	Abstract from keeper of public archives. Vols. of.	Schedule of documents in public archives. Vols. of.	Abstract of public archives in West Florida. Portfolios of.	Private claims transferred to superintendent of private claims. Portfolios of.
Balance on hand September 30, 1859.....	196	15	1	1	19	8	3	1	7	5	1	1	1	1	1
Abstract of purchases.....															
From Commissioner.....															
From deputy surveyors.....		3													
Amount to be accounted for.....	196	13	1	1	19	8	3	1	7	5	1	1	1	1	1
Expended in public service.....															
Total expended, &c.....															
Balance on hand.....	196	18	1	1	19	8	3	1	7	5	1	1	1	1	1



MISCELLANEOUS RECORDS.

		Miscellaneous.						Books.							
From whom received.	Records, contents, accounts, permits, &c. Cases of.	31	9	2	3	3	2	3	10		8	14	12	1	4
	Letters from Commissioner and index. Vols. of, bound and unbound.	9	9	2	3	3	2	3	10			1			
	Letters from Treasurer. Vols. of, bound and unbound.	2	2	2	3	3	2	3	10			15			
	Letters from registers. Vols. of, bound and unbound.	3	3	2	3	3	2	3	10			12			
	Letters from deputy surveyors. Vols. of, bound and unbound.	3	3	2	3	3	2	3	10						
	Applications and recommendations for employment. Vols. of.	2	2	2	3	3	2	3	10						
	Miscellaneous letters to surveyors general. Vols. of, bound and unbound.	3	3	2	3	3	2	3	10						
	Letters from surveyors general. Vols. of, and index.	10	10	20	20	200	20	200	200	200	180				
	Connective diagram of the State of Florida. No. of.														
	Printed township blanks.														
	American State Papers. Vols. of.	8	8	15	12	1									
	United States Statutes at Large. Vols. of.	14	1												
	Laws of the United States. Vols. of.	12													
Land Laws. Vols. of.	1														
Public Lands, Instructions and Decisions. Vols. of.	4														
Balance on hand September 30, 1859.....	31	9	2	3	3	2	3	10		8	14	12	1	4	
Abstract of purchases.....															
From Commissioner.....															
From deputy surveyors.....															
Amount to be accounted for .....	31	9	2	3	3	2	3	10	20	200	8	15	12	1	
Expended in public service .....									10	20					
Total expended, &c.....									10	20					
Balance on hand.....	31	9	2	3	3	2	3	10	10	180	8	15	12	1	

From whom received.	MISCELLANEOUS RECORDS.														
	Books.										Instruments.				
	Annual Reports of Commissioners. Vols. of.	Instructions to Deputy Surveyors in Oregon. Vols. of.	Reports of Land Commissioners. Vols. of.	Hasler's Tables. Vols. of.	Treatise on Surveying. Vols. of.	Diagram of Surveys. Vols. of.	Large map of the State of Florida. No. of.	Manual of Surveying Instructions. Vols. of.	United States Fiscal Department. Vols. of.	Almanac.	Solar compass and chains. No. of.	Protractors. No. of.	Scale of equal parts. No. of.	Quadrants. No. of.	Rulers. No. of.
Balance on hand September 30, 1859.....	17	1	3	1	2	1	1	9	2	1	3	1	1	1	
Abstract of purchases.....	2									1		1			
From Commissioner.....															
From deputy surveyors.....															
Amount to be accounted for.....	19	1	3	1	2	1	1	9	2	1	1	3	2	1	
Expended in public service.....															
Total expended, &c.....															
Balance on hand.....	19	1	3	1	2	1	1	9	2	1	1	3	2	1	

MISCELLANEOUS RECORDS.

Instruments.

Furniture.

From whom received.

	Pens. Gross of.	Hair pencils. Dozens of.	Lead pencils. Dozens of.	Magnifying glass. No. of.	Steel drawing pens. No. of.	Office knives. No. of.	Inkstands. No. of.	Pairs of scissors. No. of.	Black ink. Bottles of.	McCabe's computers. No. of.	Penholders. No. of dozens.	Sofas. No. of.	Brooms. No. of.	Desks. No. of.	Tables. No. of.
Balance on hand September 30, 1859.....	2 $\frac{3}{4}$	1	1	1	2	2	2	1	6	2	1	1	2	2	7
Abstract of purchases .....	3		4							2	1		2		
From Commissioner.....															
From deputy surveyors.....															
Amount to be accounted for.....	5 $\frac{3}{4}$	1	5	1	2	2	2	1	6	2	1	1	2	2	7
Expended in public service.....	3	$\frac{1}{2}$	3		1	1			4		$\frac{1}{2}$		1		
Total expended, &c.....	3	$\frac{1}{2}$	3		1	1			4		$\frac{1}{2}$		1		
Balance on hand.....	2 $\frac{1}{2}$	$\frac{1}{2}$	2	1	1	1	2	1	2	2	$\frac{1}{2}$	1	1	2	7



L—Continued.

MISCELLANEOUS RECORDS.

Furniture.

From whom received.	Chairs. No. of.	Pine cases.	Book cases. No. of.	Boxes. No. of.	Tracing glass and frame. No. of.	Clocks. No. of.	Shovel and tongs. Pairs of.	Andirons. Pairs of.	Brass fenders. No. of.	Arm chairs. No. of.	Pitchers. No. of.	Brass parallel rulers. No. of.	Scrubbing brush. No. of.	Candlesticks. No. of.	Wood. Cords of.
Balance on hand September 30, 1859.....	3	4	1	13	2	1	2	2	1	1	1	1	1	2	.....
Abstract of purchases .....														1	44
From Commissioner.....															
From deputy surveyors .....															
Amount to be accounted for.....	3	4	1	13	2	1	2	2	1	1	1	1	1	3	44
Expended in public service .....	3													1	40
Total expended, &c.....	3													1	40
Balance on hand.....		4	1	13	2	1	2	2	1	1	1	1	1	2	4

L—Continued.

From whom received.	MISCELLANEOUS RECORDS.														
	Furniture.						Stationery.								
	Candles. Pounds of.	Bolts and screws. Dozen of.	Tumblers. Dozen of.	Glass shades. No. of.	Flour. Pounds of.	Gum arabic. Pounds of.	Record books. No. of.	Letter paper. Reams of.	Red tape. Gross of.	Cap paper. Reams of.	Spalding's glue. Bottles of.	Double cap paper. Reams of.	Drawing paper. Reams of.	Large envelope paper. Quires of.	Large envelopes, (indorsed.) Packages of.
Balance on hand September 30, 1859.....	66	1	$\frac{1}{2}$	2	3	1	2	5	$\frac{1}{2}$	6	12	$\frac{1}{2}$	1	27 $\frac{1}{2}$	20
Abstract of purchases.....															
From Commissioner.....															
From deputy surveyors.....															
Amount to be accounted for.....	66	1	$\frac{1}{2}$	2	3	1	2	5	$\frac{1}{2}$	14	12	$\frac{1}{2}$	1	39 $\frac{1}{2}$	20
Expended in public service.....	60	1	1 $\frac{1}{2}$		3	1		3	$\frac{1}{2}$	8	6	$\frac{1}{2}$	1	20	10
Total expended, &c.....	60	1	1 $\frac{1}{2}$		3	1		3	$\frac{1}{2}$	8	6	$\frac{1}{2}$	1	20	10
Balance on hand.....	6		1 $\frac{1}{2}$	2			2	2	$\frac{1}{2}$	6	6			19 $\frac{1}{2}$	10

L--Continued.

MISCELLANEOUS RECORDS.

Stationery.

From whom received.	Letter envelopes. Packages of.	Blank contracts. Quires of.	Surveyor general's instructions. Quires of.	Government envelopes. No. of packages.	Tracing paper. Quires of.	Water colors. Boxes of.	Glue pots. No. of.	Blank descriptive notes. No. of.	India rubber. Pieces of.	India ink. Cakes of.	Paint, (assorted colors.) Cakes of.	Saucers. No. of.	Isinglass. Pounds of.	Glue. Pounds of.	Soap. Pounds of.	Sealing-wax. Ounces of.	
Balance on hand September 30, 1859.....	19	1	2	1/2	10	1	1	84	3	2	7	8					
Abstract of purchases.....									9	9	8				1	16	
From Commissioner.....																	
From deputy surveyors.....																	
Amount to be accounted for.....	19	1	2	1/2	10	1	1	84	12	11	15	8			1	16	
Expended in public service.....	15	1/2	1	1/2	6	1/2		45	6	6	10				1	8	
Total expended, &c.....	15	1/2	1	1/2	6	1/2		45	6	6	10				1	8	
Balance on hand.....	4	1/2	1		4	1/2	1	39	6	5	5	8				8	

## L—VOUCHER No. 1.

*Abstract of purchases for the office of surveyor general of Florida, for the fiscal year ending June 30, 1862.*

- 1 ivory chain scale.
- 2 McCabe's computers.
- 66 pounds of candles.
- 2 glass shades.
- 3 gross of Gillott's pens.
- $\frac{1}{2}$  pound of isinglass.
- 1 candlestick.
- $\frac{1}{4}$  pound of glue.
- 1 pound of soap.
- 4 dozen Faber's pencils.
- 1 pound of gum arabic.
- 2 reams of blue laid cap paper.
- 3 pounds flour.
- 44 cords of wood.
- 1 set bolts and screws.
- $\frac{1}{2}$  dozen tumblers.
- 8 cakes of paints, (water colors.)
- $\frac{1}{2}$  gross red tape.
- 9 pieces of rubber.
- 1 dozen penholders.
- 9 pieces of India ink.
- 1 pound of sealing wax.
- $\frac{1}{2}$  ream of envelope paper.
- 6 reams of Congress cap.
- 1 dozen Spalding's glue.
- 2 brooms.
- 2 blank record books.
- 1 American Almanac.

FRANCIS L. DANCY,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*St. Augustine, Florida, September 30, 1860.*

## L—VOUCHER No. 2.

*Abstract of expenditures for the office of surveyor general of Florida, for the fiscal year ending June 30, 1860.*

- 3 gross of pens, used in office.
- 6 hair pencils, used in office.
- 3 dozen lead pencils, used in office.
- 1 steel drawing pen, worn out in office work.
- 1 office knife, worn out in office work.

- 4 bottles of black ink, used in office.
- 6 pen-holders, used in office.
- 1 broom, used in office.
- 3 chairs, broken accidentally.
- 1 brass candle-stick, broken accidentally.
- 40 cords of wood, used in office.
- 60 pounds of candles, used in office.
- 1 dozen bolts and screws, for fastening office doors.
- 3 tumblers, broken accidentally.
- 3 pounds of flour, used in office.
- 1 pound of gum-arabic, used in office.
- 3 reams of letter paper, used in office.
- $\frac{1}{4}$  gross of red tape, used in office.
- 8 reams of cap paper, used in office.
- $\frac{2}{8}$  reams of double cap paper, used in office.
- 1 ream of drawing paper, used in office.
- 20 quires of envelope paper, used in office.
- 10 packages of large envelopes, used in office.
- 15 packages of letter envelopes, used in office.
- $\frac{1}{2}$  quire of blank contracts, used in office.
- 1 quire of surveyor general's instructions, distributed to deputies.
- $\frac{1}{2}$  quire of surveyor general's circulars, distributed.
- 6 packages of government envelopes, used in office.
- $\frac{1}{4}$  quire of tracing paper, used in office.
- 45 blank descriptive notes, making notes for local land office.
- 6 pieces of india rubber, used in office.
- 6 pieces of India ink, used in office.
- 10 cakes of assorted water colors, used in office.
- $\frac{1}{2}$  pound of isinglass, used in office.
- $\frac{1}{4}$  pound of glue, used in office.
- 1 pound of soap, used in office.
- 8 ounces of sealing wax, used in office.
- 6 bottles of Spalding's glue, used in office.
- 20 printed township blanks, used in office.

FRANCIS L. DANCY,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*St. Augustine, Fla., Sept. 30, 1860.*

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No. 13 E.

SURVEYOR GENERAL'S OFFICE,  
*Santa Fé, New Mexico, Sept. 15, 1860.*

SIR: I have the honor to report that the survey of the pueblos of Santo Domingo, San Felipe, and Sandia, and the town of Chilili, have been surveyed under the last appropriation, and which have not been reported as completed in the last annual report of the late surveyor general, William Pelham.

I find, by examination, that all of the surveys contracted for under

the appropriations for 1860, have been completed; the field notes, plats, &c., sent on to your office.

On the 5th instant, I contracted with deputy surveyors Pelham and Clements for the survey of certain confirmed grants, viz: Town of Las Vegas, Pino, or claim of Preston Beck, jr., town of Anton Chico, town of Mora, claims of E. W. Eaton, Alexander Vallé, Donaciana Vigil, and Hugh Stephenson; and, also, I have contracted with the above-named parties for the extension, east, of the second correction line south into the settlements of Fort Stanton, that the subdivisational work based upon said line shall embrace said settlements.

For more particular performance of these surveys, I have given Messrs. Pelham and Clements special instructions for their guidance.

The following private land claims have been acted on by the late surveyor general, William Pelham, since his last annual report, viz: Claim No. 70, José Serafin Ramirez, and that of Gervocia Noland, No. 9. Copies of these claims are herewith forwarded to your office.

The amount of work required to survey the private land claims already confirmed will be greatly augmented, and the anxiety of claimants, to have their lands separated from the public domain, is becoming very great. Applications to this office for the running and marking of the boundaries of private land claims is of daily occurrence, and I would most earnestly recommend that the appropriation for this branch of the surveys be increased, so as to meet the exigencies of the service.

The appropriation for the survey of the public lands for this year is very limited, and I would respectfully call the attention of your office to the necessity of a more liberal appropriation for this work.

In the northern portion of this Territory, much valuable land now lies unsurveyed, some of the same being occupied by permanent settlers. So it is in many other portions of the Territory.

The appropriation for this branch of the public service also should be increased, so that the public surveys could be kept up with the private land claims; thus enabling this office to keep both branches of the service going on, at the same time facilitating the connections between both, and rendering the surveys more complete, harmonious, and conjoined.

The number of private land claims now before this office, and likely to be taken up and acted upon, will increase the amount of labor to such a degree that the clerical force for the future will necessarily have to be increased.

The work on the plats of the pueblos and towns, which have already been confirmed, is now progressing very satisfactorily, and in the course of a short time I will be able to forward to your office the plats made after the samples sent to this office of those pueblos and towns, with the calculations of the amount of areas all in complete order.

Herewith I have the honor to transmit a map of the surveys executed in this Territory and reported to the General Land Office. I would respectfully suggest to your office, with the view that some action be taken by Congress, the separation from the surveyor general's office of the adjudication of private land claims in this Territory and the establishment of a board of commissioners to investigate these claims.

There are now on the docket-book over one thousand claims to be examined and decided on so soon as the surveyor general can take them up; and in all justice to the claimants those claims should be acted upon at the earliest moment, and by a vigorous prosecution of this branch of the business the surveyor general will have no time to devote to the surveys of claims and the public lands. The accumulation of labor since the survey of claims has commenced, in connection with the intricate investigation of land claims, is now becoming very great and entirely too laborious for one man—all of the mental portion of the labor falling on the surveyor general.

A press of claims will be urged before this office during the coming year, and these will have to be acted on, producing much labor—such as reading translations of old documents, taking testimony, summing up judgments, and writing opinions; then follows the labor in the surveying branch, which will be of a very varied and difficult character; all of which it will be impossible for the surveyor general to accomplish. With this view of the business going on in this office, I would most respectfully solicit your coöperation, and hope that you will recommend to Congress the establishment of a land board similar to that of California.

Estimate of surveys of private land claims, and public surveys for the fractional part of the fiscal years 1861 and 1862:

For private land claims already confirmed by Congress, and those to be acted upon hereafter.....	\$40,000
For public surveys, containing the survey of meridian, base, township, and subdivisinal lines in New Mexico .....	25,000
Less than the above estimates will not meet the necessities of the service in this Territory, and I would most earnestly request that your office will sanction the above amounts.	
Estimate for the surveyor general's office for the fiscal year ending June 30, 1862:	
For Surveyor General Alexander P. Wilbar.....	3,000
For Translator D. J. Miller.....	2,000
For Chief Clerk Robert A. Mathews .....	2,000
Thomas Means, computer and draughtsman.....	1,800
Philip Smith and Juan C. Tapia, miscellaneous clerks, each \$1,600.....	3,200
Felix Tapia, messenger.....	500
Fuel, office rent, and stationery.....	3,000
For the purchase of English and Spanish law books.....	500
	<hr/>
Total amount for surveys, salaries, office rent, &c.....	81,000
	<hr/> <hr/>

I am, very respectfully, your obedient servant,  
A. P. WILBAR,  
*Surveyor General of New Mexico.*

Hon. JOSEPH S. WILSON,  
*Commissioner of the General Land Office.*

No. 13 F.

SURVEYOR GENERAL'S OFFICE,  
Nebraska City, N. T., October 1, 1860.

SIR: In accordance with your instructions, dated on the 28th day of June last, I herewith transmit this report, exhibiting in detail the results of the field operations in this surveying district during the year ending September 30, 1860.

Appended to this report are statements exhibiting in full the receipts and disbursements on account of rent and other incidental and contingent expenses of the office during the fiscal year ending June 30, 1860, amounts paid for salary of surveyor general and compensation of clerks employed in his office during the same period, together with estimates for the amounts deemed necessary for the several services during the fiscal year ending June 30, 1862.

During the year ending September 30, 1860, there were surveyed and reported to this office, of—

## STANDARD LINES.

	Miles.	chs.	lks.
In Kansas.....	176	57	80
In Nebraska.....	363	15	61

## TOWNSHIP LINES.

In Kansas.....	150	73	54
In Nebraska.....	291	45	22

## SECTION LINES.

In Kansas.....	5,418	38	89
In Nebraska.....	2,964	14	68

Total during the year.....	9,365	5	74
Previously reported.....	77,317	43	74

Total number of miles in district.....	86,682	49	48
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## SURVEYS CONTRACTED FOR.

Under the appropriation of June 25, 1860, I have contracted for the following standard, township, and section lines:

## IN KANSAS.

	Miles.	chs.	lks.
Standard lines.....	4	0	0
Township lines.....	430	0	0
Section lines.....	3,175	0	0



IN NEBRASKA.

	Miles.
Standard lines.....	None
Township lines.....	350
Section lines.....	1,400

OFFICE EXPENSES.

The expenses of the office during the past year were as follows:

Salary of surveyor general and clerk hire.....	\$11,391 43
Rent and incidental expenses.....	2,348 46
	<hr/>
Total.....	13,739 89
	<hr/> <hr/>

OFFICE WORK, ETC.

The average number of draughtsmen and clerks employed during the year has been nine, and I respectfully refer you to the following statement of the labor performed by them:

Field notes, folios transcribed.....	12,420
Instructions, folios recorded and copied.....	150
Descriptive lists prepared and sent to land offices.....	575
Township diagrams.....	213
Letters written and recorded.....	450
Letters received and registered.....	290
Accounts prepared in duplicate.....	238

In addition to the above, a large amount of labor has been performed in the preparing and registering of contracts, the registering of townships, surveyed areas, &c., the preparing and recording of reports, general and special, and some time has been given to the Osage and Cherokee boundary lines and the Pawnee and Wyandotte reserves.

BINDING.

After the surveys of the present fiscal year shall have been completed, the same party who bound the field notes last year will bind all that are then in the office, under the appropriation for binding of March 3, 1859.

PROPOSED EXTENSION OF SURVEYS.

In the proposed extension of surveys I have been governed by the most reliable sources of information in the different portions of this surveying district more than from personal observation.

In Kansas, I have estimated for additional surveys in the vicinity of the Arkansas, upon the Little Arkansas and Cow creek, because I have been informed that many settlers have gone there, which information was confirmed by my having met parties going there in October and November last. Between the Saline and Smoky Hill forks, because of the description of the country given by those who have been over it, and the fact that the road from Leavenworth City to the Rocky Mountains, crossing at the mouth of Solomon's fork, passes through it, and has a large amount of travel upon it, that has already attracted settlers thither. Between Solomon's fork and the Republican, because it is reported that settlers have already gone there also, near the line of the road from St. Joseph and Atchison, westward.

In Nebraska, the tract of country now the most eligible for survey, (by reason of its present population, who have gone there without knowing it to be a military reserve, under the treaty with the Pawnees of the 6th day of August, 1848, and who were undisturbed, because the officers at Fort Kearney did not themselves know that it was a reserve,) is the Wood River valley, north of the Platte; bounded on the north by the line of the bluffs of the Platte valley; on the south by the south bank of the Platte, thereby including numerous islands of timber essential to the settlers of that fertile valley. This desirable country, including said valley, extends from the eastern boundary of Fort Kearney reserve, as designated upon the map, for sixty miles down the Platte river. I, therefore, respectfully recommend that, with the assent of the President and Secretary of War, Congress may be requested to pass an act to permit the Department to extend the public surveys over said reserve, and dispose of it as of other public lands. I am fully satisfied that the interests of the government, of the settlers, and of the immense emigration passing over the road, through the whole length of the reserve, would, by such a course, be best subserved.

Of equal importance is the survey of a portion of the country recently obtained from the Ponca Indians, between the Neobrara river, or Running Water, and the Missouri river; for although there are not as many settlers there at present as near the Platte, because of its recent acquisition, its vicinity to the navigable Missouri must soon attract many more.

In recommending surveys in the vicinity of the Platte river, and above Fort Kearney, I am governed by information received here of the extension of the settlements westward in the vicinity of that river, and who are well remunerated for their labor in cultivating feed and forage, and the necessities of life, for the increasing emigration to the west.

In advising the extension of some of the principal lines westward, in both Territories, not referred to in the above recommendation, I am mainly governed by this consideration, that additional information would be afforded of the character of that country in the vicinity of those remarkable streams—the Platte, Republican, Solomon, Saline, and Smoky Hill forks—which, taking their rise within or at the base of the Rocky Mountains, trail their immense lengths through the valley of the Platte, or the Kansas, to the Missouri at Omaha, Platts-

mouth, and Wyandotte. At many points where they have been visited and crossed by intelligent explorers and travelers, these rivers, with their branches, and the adjacent country, are said to abound in water, game, fish, and above all, that they possess a fair supply of timber, whilst the geological features of the country near their sources possess a peculiar interest.

Without indicating what my own views are in reference to the great and important project of constructing railroads through our vast domain, which shall eventually connect the interests of its inhabitants with the waters of the Pacific and Atlantic oceans, I feel that I cannot make too earnest an appeal to the department in favor of the extension of surveys in the valley of the Platte; for if the Pacific railroad should be constructed upon any other route than the Platte, the great populations of the north would have their connection with it along that well-defined valley. Already an immense emigration moves westward by that route from points upon the Missouri river, and settlements have been made almost the entire length of the Platte, from Omaha and Plattsmouth to the South Park, within the ranges of the Sierra Madre Rocky Mountains, that are encouraged and sustained by this extraordinary migration.

The presence of an industrious population occupying and improving their own lands, well defined by our surveys, would go very far to aid in accomplishing the purposes of those who shall work out the great problem of uniting the ocean boundaries of our continent by the iron rail.

If any portion of the Osage or Cherokee neutral lands east of the Arkansas river should come into the possession of the government, surveys should be made over them in preference to any of the surveys hereby recommended to be made in Kansas.

#### PROPOSED SURVEYS AT THE ROCKY MOUNTAINS.

Not knowing the position that the Department would take in regard to the usufruct title of the Indians to the lands of the nomadic Arrapahoes, Cheyennes, Kiowas, &c., I have for two years urged you to make provisions for surveys in the vicinity of Cherry creek and the base of the Rocky Mountains.

In the hope that such title will be made extinct at an early day by the active energy of the present Commissioner of Indian Affairs, I beg leave to call the attention of the government again to the great and growing importance of the commencement of such surveys as soon as treaties shall be made, and herewith renew the estimate embodied in my report of October 1, 1859, containing the amount required for the first year's survey. It will be found in the accompanying Statement No. 15.

The reports from the mining district are daily more and more promising to the agricultural as well as the mining interest; and the largely increased population—which must amount now to nearly 60,000, a large portion of whom will eventually make their homes there—presents the strongest argument in favor of the surveys I have heretofore so strenuously urged.

## GEOLOGICAL RESEARCHES, ETC.

I would not again refer to this subject, after what has transpired in relation to it, but for the fact that conversations with yourself and Commissioner Hendricks, before I entered upon my duties here, led me to give much attention to it and to induce Major Frederick Haun to incur expenses, with myself, which, under existing laws, cannot be reimbursed. I requested Major Haun, assistant to Professor Swallow, geologist of the State of Missouri and one of the active deputies of this office, especially to pursue the examinations he had made through the leisure of years, to their completion, and asked last year for the appropriation of \$3,000, to remunerate him as an able and public-spirited gentleman, to furnish the illustrations of our combined efforts. May I not be pardoned if I ask once more that that amount be recommended by the department for the purposes named in my last annual report, when I assure you that, from my knowledge of the information obtained, it will amply repay the people and the government to have it published, and add much general interest to the surveys of this interesting district. The vast region of mineral wealth in the western portion of this surveying district, which De Soto, in the sixteenth century, believed had existence, and in search of which he lost his valuable life, has from time to time, since that period, been traversed by intelligent travelers, many of whom have stated the indications that led them to believe of the existence of auriferous, argentiferous, and other deposits of value therein. Colonel William Gilpin informed me, in 1850, upon his return from the command of the expedition against the Navajo Indians, that he had at his leisure traced not only the existence of gold and silver in the Rocky Mountains and their vicinity, but that he had found what is so much required in mining operations—the sulphuret of mercury and rock salt in abundance. During my official residence here, as surveyor general, I have sought information from every source which I thought would have any bearing on the sale of the public lands in this surveying district.

I have induced my deputies to give more attention to the character of the “rock of the country” than was necessary to the development of its economical geology. To no one am I more indebted for useful and reliable information in this respect, than to Major Frederick Haun, deputy surveyor.

In letters dated in September, 1859, from Boulder City, Nebraska, and Gregory Diggins, Kansas Territory, he gave me (too late for the report of last year,) statements which more than confirm the truth of the information conveyed to the world by other travelers. In one of his letters from Boulder City he says, that “I have completed a geological section between this and the Missouri river. Your conclusions relative to these upper formations I find corroborated; and the result of my investigations will materially change and modify some of the popular geological maps of this region. The economical geology of the slope at the base of the mountains possesses far greater resources than I expected to find. The solid framework of this beautiful slope consists of sandstone, pyretiferous, and gypseus clays. These clays

abound in selenite, fragments of which are frequently found scattered over the surface. When it is known that this material is sulphate of lime, (an invaluable fertilizer,) it will be seen that, with proper atmospheric conditions, this soil should be in a high degree productive."

"Everywhere I found the remains of plants of last year's growth not renewed this year. Last year, for instance, I found in the valley of Solomon's fork the growth of a species of '*Helianthus*' seven feet in height, and so luxuriant that it was with much inconvenience that we extended the lines of the survey through them. This year the plant was not renewed. It is, then, probable that ordinarily the rains of this region are sufficient to render the soil capable of producing the staples of this climate.

"In this slope I find iron ore and a bed of mineral coal five feet or more in depth. The upper portion is thinly stratified, light, burns freely, and is remarkably free from impurities. It then passes down into a hard, brittle, and a lustrous black, and breaks into sharp angular fragments, and terminates in pure cannel coal. It dips under the surface, and I could not consequently trace it to its base for the want of proper tools. This article is admirably adapted for smithery purposes, as well as for generating steam."

In a subsequent letter he says, after discussing several points of scientific and practical bearing: "In conclusion I desire to remark that whatever theory may be adopted in relation to the gold formation, one thing is significant, and that is, these gold-bearing 'leads' traverse the mountains as extensively as the foot-prints of the float gold scattered broadcast would indicate."

From all the information in my possession, in relation to the geology of the Rocky Mountains, I am satisfied that although their mineral wealth will be more slowly developed than were the mineral resources of California, the metallic deposits will pay the industrious laborer and capitalist well, and aid much in building up an extensive agricultural interest, even though irrigation should be necessary to successful cultivation.

The discovery of coal for domestic consumption demonstrates at the same time that the great lines of railroad now proposed to be extended over the plains, may be fully supplied with the fuel required, and will furnish a motive power where it is so much required for manufacturing and other purposes.

In conclusion, I respectfully invite your attention to the accompanying tabular statements, which exhibit in detail matters of interest connected with the public service under my own immediate charge:

*First.* Statement showing the names and duties of persons employed in the office of the surveyor general of Kansas and Nebraska during the year ending September 30, 1860.

*Second.* General statement of receipts and disbursements by the surveyor general of Kansas and Nebraska, on account of rent and incidental expenses of office during the fiscal year ending June 30, 1860, and made under appropriation of March 3, 1859.

*Third.* Statement exhibiting total expenses of surveyor general's

office for Kansas and Nebraska during the fiscal year ending June 30, 1860.

*Fourth.* Statement showing description of lands and area of same, for which township plats have been transmitted to the western land office, Kansas Territory, during the year ending September 30, 1860.

*Fifth.* Same for Osage land office, Kansas.

*Sixth.* Same for Dakota land office, Nebraska.

*Seventh.* Same for South Platte land office, Nebraska.

*Eighth.* Same for Nemaha, with recapitulation.

*Ninth.* Statement showing the extent of surveys made under contracts either canceled, as in excess of appropriation, or not recognized as valid by this office, under instructions from the General Land Office, but since received.

*Tenth.* Statement showing the estimated expense, number of miles, and character of work for which contracts have been entered into for surveys in Kansas, and chargeable to the appropriation for such surveys of June 25, 1860.

*Eleventh.* Same for Nebraska.

*Twelfth.* Statement showing the amount paid deputies for balance of retained percentage, after deducting expenses incurred for examination in the field, year ending September 30, 1860.

*Thirteenth.* Statement showing the amount paid examiners of surveys for examination in the field during the year ending September 30, 1860.

*Fourteenth.* Estimate of sums required for office expenses for the fiscal year ending June 30, 1862, including \$547 34 due surveyor general for expenses while at Washington.

*Fifteenth.* Estimate of sums required for the extension of public surveys during the same period.

*Sixteenth.* List of clerks to be employed in this office during the present fiscal year, under your instructions of July 22, 1859.

*Seventeenth.* General statement exhibiting the extent and cost of surveys executed during the year ending September 30, 1860, for Kansas.

*Eighteenth.* Same for Nebraska.

*Nineteenth.* Connected diagram showing the progress of public surveys in Kansas and Nebraska.

*Twentieth.* List of deputies employed.

Very respectfully, &c.,

WARD B. BURNETT,

*Surveyor General of Kansas and Nebraska.*

Hon. JOSEPH S. WILSON,

*Com'r General Land Office.*

Statement showing the names and duties of persons employed in the office of the surveyor general of Kansas and Nebraska during the year ending September 30, 1860.

Name.	Duty.	Whence appointed.	Term of Service.	Salary.
Ward B. Burnett.....	Surveyor general.....	New York.....	Entire year.....	\$2,000 00
Samuel S. Crowe.....	Chief clerk.....	Indiana.....	From October 1, to December 29, 1859.....	1,500 00
Addison R. Gillmore.....	Chief clerk.....	Nebraska Territory....	From January 1, to August 7, 1860.....	1,500 00
George C. Vanzandt.....	Chief clerk.....	Kansas Territory.....	From August 8, to September 30, 1860.....	1,600 00
Wyllys C. Ransom.....	Accountant.....	Kansas Territory.....	From November 3, to December 31, 1859.....	1,300 00
Andrew W. Pentland.....	Accountant.....	Nebraska Territory....	From July 1, to September 30, 1860.....	1,200 00
George M. Smith.....	Prin'al draughtsman.....	Missouri.....	From October 1, 1859, to February 29, 1860..	1,200 00
Edgar E. Mason.....	Prin'al draughtsman.....	Virginia.....	From July 1, to September 30, 1860.....	1,200 00
Edward Smith.....	Ass't draughtsman.....	Indiana.....	From October 1, 1859, to February 29, 1860..	1,100 00
Edgar E. Mason.....	Ass't draughtsman.....	Virginia.....	From October 1, 1859, to June 30, 1860.....	1,100 00
William M. Hill.....	Ass't draughtsman.....	Kansas Territory.....	From January 28, to August 31, 1860.....	1,100 00
E. Colden Whitman.....	Ass't draughtsman.....	Nebraska Territory...	From August 14, to September 30 1860.....	1,100 00
Noel B. Brooks.....	Clerk.....	Missouri.....	From October 15, to December 29, 1859.....	1,100 00
William W. Ivory.....	Clerk.....	Kansas Territory.....	From October 1, 1859, to April 7, 1860.....	1,100 00
Charles B. Ramsdell.....	Clerk.....	Indiana.....	Entire year.....	1,100 00
Henry W. Ramsdell.....	Clerk.....	Indiana.....	From October 1, to December 31, 1859.....	1,100 00
Albert Gaines.....	Clerk.....	Massachusetts.....	Entire year.....	1,100 00
Wilbur F. Fort.....	Clerk.....	Kansas Territory.....	From January 3, to January 24, 1860.....	\$3 per day.
Andrew W. Pentland.....	Clerk.....	Nebraska Territory....	From January 25, to June 30, 1860.....	1,100 00
John Melvin.....	Messenger & laborer...	New York.....	Entire year.....	600 00

## No. 2.

*General estimate of receipts and disbursements by the surveyor general of Kansas and Nebraska on account of rent and incidental expenses of office, during the fiscal year ending June 30, 1860, and made upon the appropriation for such expenses of March 3, 1859.*

DR.		
To cash from United States Treasurer first quarter ending September 30, 1859.....	\$850 00	
To cash from United States Treasurer, second quarter ending December 31, 1859.....	600 00	
To cash from United States Treasurer, third quarter.....	525 00	
To cash from United States Treasurer, fourth quarter.....	600 00	
		\$2,575 00
CR.		
By amount due from United States, June 30, 1859.....	143 03	
By amount expended first quarter ending September 30, 1859.....	565 08	
By amount second quarter ending December 31, 1859.....	746 30	
By amount third quarter ending March 31, 1860.....	414 95	
By amount fourth quarter ending June 30, 1860.....	479 10	
		2,348 46
Balance due United States June 30, 1860.....		226 54

## No. 3.

*Statement exhibiting total expenses of surveyor general's office of Kansas and Nebraska during the fiscal year ending June 30, 1860.*

Salary of surveyor general and compensation of clerks for quarter ending September 30, 1859.....	\$2,825 00
Same for quarter ending December 31, 1859.....	3,333 20
Same for quarter ending March 31, 1860.....	2,937 08
Same for quarter ending June 30, 1860.....	2,296 15
Rent of office and incidental expenses as per account rendered.....	2,348 46
Total expenses.....	13,739 89



## No. 4.

*Statement showing description of lands and area of same, for which township plats have been transmitted to the Western land office, Kansas Territory, during the year ending September 30, 1860.*

Township.	Range.	Area.
21 south.....	1 east.....	22,820.75
22 south.....	1 east.....	22,913.52
8 south.....	2 east.....	22,728.42
21 south.....	2 east.....	22,841.25
22 south.....	2 east.....	23,076.08
8 south.....	3 east.....	22,515.20
21 south.....	3 east.....	22,910.00
22 south.....	3 east.....	23,071.15
8 south.....	4 east.....	22,944.60
8 south.....	5 east.....	22,867.91
9 south.....	8 east.....	25,337.10
10 south.....	8 east.....	24,075.98
Total forwarded during the year.....		278,101.96
Previously reported.....		4,975,237.44
Total in district.....		5,253,339.40

## No. 5.

*Statement showing the description of lands and area of same, for which township plats have been transmitted to the Osage land office, Kansas Territory, during the year ending September 30, 1860.*

Township.	Range.	Area.
23 south.....	1 east.....	22,950.41
24 south.....	1 east.....	22,980.23
25 south.....	1 east.....	23,025.52
23 south.....	2 east.....	23,099.11
24 south.....	2 east.....	23,114.36
25 south.....	2 east.....	23,094.05
23 south.....	3 east.....	23,051.40
24 south.....	3 east.....	23,070.52
25 south.....	3 east.....	23,042.99
23 south.....	4 east.....	23,028.31
24 south.....	4 east.....	22,991.11
25 south.....	4 east.....	22,997.68
23 south.....	10 east.....	22,858.99
23 south.....	11 east.....	22,833.65
23 south.....	12 east.....	22,803.51
23 south.....	13 east.....	22,741.40
23 south.....	14 east.....	23,024.91
23 south.....	15 east.....	22,907.55
23 south.....	16 east.....	23,098.15
23 south.....	19 east.....	22,938.66
23 south.....	20 east.....	23,226.58
Total forwarded during the year.....		482,879.09
Previously reported.....		430,122.98
Total in district.....		913,002.07

## No. 6.

*Statement showing description of lands, and area of same, for which township plats have been transmitted to the Dakota land office, Nebraska Territory, during the year ending September 30, 1860.*

Township.	Range.	Area.
23 north.....	1 east.....	22,921.17
24 north.....	1 east.....	22,902.22
25 north.....	1 east.....	23,007.87
26 north.....	1 east.....	22,904.24
33 north.....	1 east.....	16,777.54
23 north.....	2 east.....	22,939.86
24 north.....	2 east.....	22,815.96
25 north.....	2 east.....	23,047.28
26 north.....	2 east.....	23,008.27
23 north.....	3 east.....	23,086.84
24 north.....	3 east.....	23,037.80
25 north.....	3 east.....	23,021.00
26 north.....	3 east.....	23,067.52
26 north.....	4 east.....	23,048.39
32 north.....	4 east.....	9,106.20
24 north.....	5 east.....	16,598.74
26 north.....	5 east.....	15,400.22
25 north.....	1 west.....	23,046.21
26 north.....	1 west.....	23,029.34
25 north.....	2 west.....	22,979.91
26 north.....	2 west.....	22,953.32
29 north.....	2 west.....	23,079.70
30 north.....	2 west.....	23,121.42
25 north.....	3 west.....	22,991.14
26 north.....	3 west.....	22,996.04
30 north.....	3 west.....	23,029.05
Total forwarded during the year.....		563,917.05
Previously reported.....		1,755,467.09
Total in district.....		2,319,384.14

## No. 7.

*Statement showing description of lands, and area of same, for which township plats have been transmitted to the South Platte land office, Nebraska Territory, during the year ending September 30, 1860.*

Township.	Range.	Area.
9 north.....	9 west.....	19,186.63
10 north.....	9 west.....	9,276.22
9 north.....	10 west.....	22,202.12
10 north.....	10 west.....	779.00
9 north.....	11 west.....	12,956.22
8 north.....	12 west.....	22,566.84
9 north.....	12 west.....	2,482.70
8 north.....	13 west.....	18,174.46
Total forwarded during the year.....		107,624.19
Previously reported.....		2,677,505.35
Total in district.....		2,785,129.54

## No. 8.

*Statement showing description of lands, and area of same, for which township plats have been transmitted to the Nemaha land office, Nebraska Territory, during the year ending September 30, 1860.*

Township.	Range.	Area.
5 north.....	7 west.....	23,032 28
6 north.....	7 west.....	23,004 82
5 north.....	8 west.....	22,779 28
6 north.....	8 west.....	22,720 13
Total forwarded during the year.....		91,536 61
Previously reported.....		2,281,726 30
Total in district.....		2,373,262 91

## RECAPITULATION.

Land Office.	Area reported.	Total.
<i>Kansas.</i>		
Western.....	5,253,339.40	12,086,316.00
Osage.....	913,002.07	
Pawnee.....	3,541,366.14	
Delaware.....	2,378,608.39	
<i>Nebraska.</i>		
Nemaha.....	2,373,262.91	9,415,675.64
South Platte.....	2,785,129.54	
Omaha.....	1,937,899.05	
Dakota.....	2,319,384.14	
Total area reported.....		21,501,991.64

## No. 9.

*Statement showing the extent of surveys made under contracts either canceled as in excess of appropriation, or not recognized as valid by this office, under instructions from the General Land Office, but since received.*

By whom executed.	No. of townships.	Estimated cost.	Remarks.
Diefendorf & Thompson....	18	\$5,400 29	Forwarded to General Land Office, (actual cost.)
James A. Brown.....	8	2,400 00	Awaiting corrections in the field.
William T. Starr.....	7	2,100 00	" " "
Edward M. Kennedy.....	10	3,000 00	" " "
Thomas F. Campbell.....	10	3,000 00	" " "
Charles W. Pierce.....	11	2,500 00	Canceled contract of Mackey & Ludington.
Total.....	64	18,400 29	

## No. 10.

*Statement showing the character of work, number of miles, and estimated expense for which contracts have been entered into for surveys in Kansas, and chargeable to the appropriation for such surveys of June 25, 1860.*

No.	Deputy.	Character of work.	No. of miles.	Estimated cost.	Remarks.
281	James Withrow .....	Township lines...	430	3,058	Including four miles of standard lines.
283	Denman & McCarthy..	Subdivision lines..	1,125	5,625	On Indian account.
285	McKee, Hackbusch & Haun.	Subdivision lines..	950	4,750	" "
286	Hill & Stuck .....	Subdivision lines..	1,100	5,100	
	Total .....	.....	3,605	18,933	

In addition to the above are the establishment of the boundary lines of the Sax and Fox, and also of the Delaware "diminished" reservations, at a per diem compensation and chargeable, as well as the cost of surveys under contract 283 and 285, to Indian trust lands.

## No. 11.

*Statement showing the character of work, number of miles, and estimated expense for which contracts have been entered into for surveys in Nebraska, and chargeable to the appropriation for such surveys of June 25, 1860.*

No.	Name of deputy.	Character of work.	No. of miles.	Estimated cost.
280	Nathan P. Cook.....	Township lines.....	350	\$2,450
282	Gaines & Clark.....	Subdivision lines.....	720	3,600
284	William L. Spaulding.....	Subdivision lines.....	500	2,500
Ins.	William L. Spaulding.....	Subdivision lines.....	180	900
	Total .....	.....	1,750	9,450

## No. 12.

*Statement showing amount paid deputies for balance of retained percentage after deducting expenses incurred for examination in the field, for the year ending September 30, 1860.*

No. of Contract.	Deputy.	Account adjusted.	Amount.
91	Charles Turner.....	November 3, 1859	\$27 95
70	John P. Cathcart.....	June 12, 1860	18 46
141	John P. Cathcart.....	June 12, 1860	9 32
	Total.....	.....	55 73

## No. 12—Continued.

In addition to the above, the following accounts have been forwarded either to the General Land Office, or to the deputy for his signature :

No.	Deputy.	Where sent.	Amount.	Remarks.
152	H. & J. H. Robertson...	Washington .....	\$6 53	
219	George A. Dunn .....	Washington .....	1 06	
172	Charles W. Pierce.....	Washington .....	6 91	
228	Isaac C. Stuck .....	Washington .....	3 41	
27	John P. Cathcart.....	Washington .....	19 49	
148	Chester Coburn .....	Washington .....	9 51	
147	John E. McMullan.....	Washington .....	1 89	
Ins.	William N. Byers.....	Washington .....	54 61	
30	James Withrow.....	Washington .....	43 52	
89	Jacob K. Starr .....	Washington .....	29 96	
16	Hugh Robertson .....	Washington .....	1 63	
17	Freeland & Keyes.....	Washington .....	1 45	
19	Parr & White.....	Washington .....	15 77	
20	Clifton L. Burge.....	Washington .....	1 69	
25	Martin M. Hall.....	Washington .....	4 42	
31	William Shields.....	Washington .....	3 03	
32	Joseph H. Wagner.....	Washington .....	5 66	
42	George W. Foster.....	Washington .....	81	
44	Alexander Oliphant.....	Washington .....	3 95	
55	Williamson G. Allen.....	Washington .....	28 49	
103	Williamson G. Allen.....	Washington .....	41 92	
113	George M. Tilford.....	Washington .....	8 50	
46	Horatio Waldo.....	To Deputy .....	3 86	
184	James A. Hutcheson.....	Washington .....	10 40	
28	George M. Tilford.....	Washington .....	3 45	
56	William S. Caldwell.....	Washington .....	75	
58	Charles E. Watson.....	Washington .....	40 64	
86	Williamson G. Allen.....	To Deputy .....	31 97	
93	Alexander Oliphant.....	To Deputy .....	26 55	
120	Crain & Doniphan.....	Washington .....	4 60	
132	Frederick Haun.....	Washington .....	19 16	
167	George W. Foster.....	} Retained, awaiting ad- justment of survey- ing account of Sam'l Stover.	3 37	} The amount of Stover's examination accounts is largely in excess of the percentage retained.
97	George W. Foster.....		5 55	
97	George W. Foster.....		77	
122	Bates & Michell.....		7 47	
99	Bates & Mitchell.....		Do.....	
99	Bates & Mitchell.....	Do.....	21 21	
	Total.....		474 82	

No. 13.

*Statement showing amount paid examiners of surveys for examinations in the field, during the year ending September 30, 1860.*

No.	Examiner.	Date of Instructions.	Date of Account.	Amount.	Total.				
238	Ward B. Burnett.....	June 4, 1859	Oct. 7, 1859	\$514 00	\$1,208 00				
237	Ward B. Burnett.....	June 4, 1859	Oct. 7, 1859	694 00					
270	} Noel B. Brooks.....	Aug. 23, 1859	Oct. 22, 1859	355 25	1,249 51				
272									
275									
221						Noel B. Brooks.....	May 1, 1859	Oct. 4, 1859	183 75
228						Noel B. Brooks.....	May 1, 1859	Oct. 4, 1859	226 63
219						Noel B. Brooks.....	May 1, 1859	Oct. 4, 1859	122 50
229	Noel B. Brooks.....	May 1, 1859	Oct. 4, 1859	116 38	814 84				
265	Noel B. Brooks.....	May 1, 1859	Oct. 4, 1859	245 00					
241	Thomas J. Mackey.....	Sept. 2, 1858	Aug. 15, 1859	118 21	1,249 51				
246	Thomas J. Mackey.....	Sept. 29, 1858	Dec. 22, 1859	80 12					
235	Thomas J. Mackey.....	Sept. 29, 1858	Jan. 9, 1860	85 75	814 84				
239	Thomas J. Mackey.....	Sept. 29, 1858	Jan. 9, 1860	22 50					
240	Thomas J. Mackey.....	Sept. 29, 1858	Jan. 9, 1860	153 00	814 84				
245	Thomas J. Mackey.....	Sept. 29, 1858	Jan. 9, 1860	104 13					
263	Thomas J. Mackey.....	Sept. 29, 1858	Jan. 9, 1860	67 38	814 84				
Ins.	Thomas J. Mackey.....	Sept. 29, 1858	Jan. 9, 1860	183 75					
Ins.	William M. Hill.....	Oct. 26, 1859	Jan. 20, 1860	367 50	465 52				
117	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	24 50					
115	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	24 50					
114	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	42 88					
106	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	12 25					
105	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	30 63					
92	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	49 00					
121	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	30 63					
83	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	147 00					
93	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	12 25					
103	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	30 63					
104	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	24 50					
113	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	24 50					
116	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	30 63					
122	William M. Hill.....	Oct. 26, 1859	Jan. 26, 1860	12 25					
24	William M. Hill.....	Dec. 1, 1859	Jan. 26, 1860	61 25					
2	Hugh McKee.....	Aug. 27, 1859	Aug. 24, 1860	470 37		465 52			
111	Hugh McKee.....	Aug. 27, 1859	Aug. 24, 1860	19 87					
160	Hugh McKee.....	Aug. 27, 1859	Aug. 24, 1860	92 75					
224	Hugh McKee.....	Aug. 27, 1859	Aug. 24, 1860	62 93					
Ins.	Hugh McKee.....	Aug. 27, 1859	Aug. 24, 1860	13 25					
					659 17				
	Total.....				4,856 42				

## No. 14.

*Estimate of sums required for office expenses for the fiscal year ending June 30, 1862.*

Salary of surveyor general.....	\$2,000
Salary of chief clerk.....	1,600
Salary of accountant.....	1,400
Salary of principal draughtsman and examiner.....	1,400
Salary of two draughtsmen, at \$1,200 each.....	2,400
Salary of four clerks, at \$1,100 each.....	4,400
Rent and incidental expenses, which includes the sum of \$547 34 due Surveyor General Ward B. Burnett, for clerk hire and sundry expenses incurred by him in connection with his official duties while in Washington in the winter and spring of 1860.....	3,500
Total.....	<u>16,700</u>

## No. 15.

*Estimate of sums required for the extension of the public surveys during the fiscal year ending June 30, 1862.*

## KANSAS.

For the extension of the first standard parallel south to the third guide meridian west—96 miles at \$12 per mile.....	\$1,152
For the extension of the second, third, fourth and fifth standard parallels south to the second guide meridian west—192 miles at \$12 per mile.....	2,304
For the extension of the second guide meridian west from the base line to the fifth standard parallel south—150 miles at \$12 per mile.....	1,800
For the extension of the third guide meridian west from the base line to the first standard parallel south—30 miles at \$12 per mile.....	360
For the extension of the first and second guide meridians west from the fifth standard parallel south to the north boundary of the Osage Indian lands—10 miles at \$12 per mile.....	120
For the extension of the north boundary of the Osage Indian lands, from the Arkansas river to the second guide meridian west—say 93 miles at \$12 per mile.....	1,116
Exterior lines between the base line and the first standard parallel south and between the first and second guide meridians west—402 miles at \$7 per mile.....	2,814



Exterior lines between third and fourth standard parallels south and between the sixth principal meridian and first guide meridian west—402 miles at \$7 per mile.....	\$2,814
Exterior lines between the fifth standard parallel south and the north boundary of the Osage Indian lands and between the sixth principal meridian and the first guide meridian west—say 35 miles at \$7 per mile.....	245
Exterior lines between the second and third standard parallels south and between the first and second guide meridians west—402 miles at \$7 per mile.....	2,814
Subdivision of ten townships between the first and second guide meridians west and between the base line and the first standard parallel south.....	3,000
Subdivision of 22 townships and meanders in same, between the first and second guide meridians west and second and third standard parallels south.....	7,500
Subdivision of twelve townships and meanders in same, between the sixth principal meridian and first guide meridian west and between the third and fourth standard parallels south.....	4,500
Subdivision of fourteen townships and meanders in same, between the sixth principal meridian and first guide meridian west and between the fourth and fifth standard parallels south.....	5,400
Total in Kansas.....	<u>35,939</u>

Should the government acquire a title to any portion of the Cherokee neutral or Osage Indian lands, the moneys that may be appropriated for surveys in Kansas should be expended upon said lands in preference to any of the localities named in my report.

## NEBRASKA.

For the extension of the seventh and eighth standard parallels north to the second guide meridian west—96 miles at \$12 per mile.....	\$1,152
For the extension of the third standard parallel north to the third guide meridian west—96 miles at \$12 per mile.....	1,152
For the extension of the second guide meridian west from the second standard parallel to the Missouri river—say 168 miles at \$12 per mile.....	2,016
For the extension of the first and second standard parallels north to the third guide meridian west—96 miles at \$12 per mile.....	1,152
For the extension of the third guide meridian west from the base line to the third standard parallel north—72 miles at \$12 per mile.....	864
Exterior lines between the eighth standard parallel north and the Missouri river and between the first and second guide meridians west—say 234 miles at \$7 per mile.....	1,638

Exterior lines between seventh and eighth standard parallels north and between the first and second guide meridians west—312 miles at \$7 per mile.....	\$2,184
Exterior lines between the fourth and fifth standard parallels north and between the sixth principal meridian and the first guide meridian west—138 miles at \$7 per mile.....	966
Exterior lines between the third and fourth standard parallels north and between the sixth principal meridian and the first guide meridian west, and lying south of the Platte river—25 miles at \$7 per mile.....	175
Exterior lines between the first and second standard parallels north and between the second and third guide meridians west, about 16 townships—180 miles at \$7 per mile.....	1,260
Exterior lines between the base line and the first standard parallel north and between the first and second guide meridians west—312 miles at \$7 per mile.....	2,184
Subdivision of ten townships and meanders in same, between the eighth standard parallel north and the Missouri river and between the first and second guide meridians west.....	3,600
Subdivision of ten townships and meanders in same, between the seventh and eighth standard parallels north, and between the first and second guide meridians west.....	3,600
Subdivision of four townships between the fourth and fifth standard parallels north, and between the sixth principal meridian and the first guide meridian west.....	1,200
Subdivision of twelve townships and meanders in same, between the first and second standard parallels north, and between the second and third guide meridians west.....	4,800
Subdivision of eighteen townships and meanders in same, between the base line and the first standard parallel north, and between the first and second guide meridians west.....	5,400
	<hr/>
Total in Nebraska.....	33,343
	<hr/> <hr/>

If the sixty-mile military reserve below Fort Kearney should be surveyed, there will be required, in addition to the above, for exterior lines, say twenty-four townships, 250 miles, at \$7 per mile.....	\$1,750
Subdivision of twenty-four townships and meanders in same.	7,200
	<hr/>
Total .....	8,950
	<hr/> <hr/>

Should the government determine to commence surveying operations in the mining district, the following is again submitted as a reasonable estimate of sums requisite for such service in both Territories. Indeed no survey should be commenced under a less appropriation.

For running the eighth guide meridian west, from the second standard parallel south, to the second standard parallel north, 108 miles, at \$20 per mile.....	\$2,160
--	---------

For running the first and second standard parallels, north and south, from their intersection with the eighth guide meridian west, to the base of the mountains, say 100 miles, at \$20 per mile.....	\$2,000
Exterior lines, 450 miles, at \$15 per mile.....	8,100
Subdivision lines, 3,000 miles, at \$12 per mile.....	36,000
<b>Total.....</b>	<b>\$48,260</b>

No. 16.

*List of clerks and draughtsmen to be employed in this office during the present fiscal year, or as many thereof as the appropriation will permit.*

No.	Name.	Duty.	Salary.	
1	George C. Vanzandt.....	Chief clerk.....	\$1,600	
2	Andrew W. Pentland.....	Accountant.....	1,200	
3	Edgar E. Mason.....	{ Principal draughtsman and examiner. }	1,200	
4	C. Colden Whitman.....			Assistant draughtsman.
5	William M. Hill.....	Assistant draughtsman.	1,100	(Temporary.)
6	Albert Gaines.....	Clerk.....	1,100	
7	Charles B. Ramsdell.....	Clerk.....	1,100	

No. 17.—*Statement exhibiting the extent and cost of surveys executed in*

No.	Deputy.	Style of work.	Standard lines.	Township lines.	Section lines.	Appropriation.	Date of contract or instructions.
			<i>Ms. ch. lks.</i>	<i>Ms. ch. lks.</i>	<i>Ms. ch. lks.</i>		
Ins. 266	Withrow & Todd ..... George C. Vanzandt....	Base line.... Standard and township.	172 54 52 4 3 28	58 12 27	.....	Special ..... Mar. 3, 1859	June 10, 1859 April 28, 1859
267	Henry Gaines.....	Section lines	.....	.....	355 17 22	.....do.....	April 29, 1859
269	Elnathan Sweet.....	do.....	.....	.....	378 35 44	.....do.....	do.....
271	Hugh McKee.....	do.....	.....	.....	574 67 98	.....do.....	do.....
273	Wyllys C. Ransom.....	Town'p and sections	.....	92 61 27	451 42 63	.....do.....	do.....
277	Henry Gaines.....	Section lines	.....	.....	479 76 84	.....do.....	Aug. 27, 1859
Ins. H. C. F. Hackbusch.....	do.....	do.....	.....	.....	218 31 81	.....do.....	Aug. 29, 1859
Ins. Wyllys C. Ransom.....	do.....	Special	.....	.....	.....	.....do.....	Sept. 8, 1859
Ins. George C. Vanzandt....	do.....	Meanders....	.....	.....	.....	.....do.....	Oct. 15, 1859
Ins. do.....	do.....	Special.....	.....	.....	.....	.....do.....	Aug. 10, 1859
Ins. Henry Gaines.....	do.....	do.....	.....	.....	.....	.....do.....	Aug. 27, 1859
Ins. Isaac C. Stuck.....	do.....	do.....	.....	.....	.....	.....do.....	July 29 and Oct. 5, 1859
Ins. do.....	do.....	do.....	.....	.....	.....	.....do.....	do.....
Ins. do.....	do.....	do.....	.....	.....	.....	.....do.....	do.....
Ins. do.....	do.....	do.....	.....	.....	.....	.....do.....	do.....
Ins. do.....	do.....	do.....	.....	.....	.....	.....do.....	July 29, 1859
Ins. do.....	do.....	do.....	.....	.....	.....	.....do.....	Sept. 28, 1857
Ins. do.....	do.....	do.....	.....	.....	.....	.....do.....	do.....
228	do.....	Section lines	.....	.....	920 11 42	June 12, 1858	July 13, 1858
256	Edward M. Kennedy....	do.....	.....	.....	539 53 41	Def'cy, May 24, 1860.	July 12, 1858
257	James A. Brown.....	do.....	.....	.....	420 17 54	.....do.....	July 2, 1858
276	Diefendorf & Thompson	do.....	.....	.....	1,080 4 60	.....do.....	do.....
			176 57 80	150 73 54	5,418 38 89		

No. 18.—*Statement exhibiting the extent and cost of surveys executed in*

No.	Deputy.	Style of work.	Standard lines.	Township lines.	Section lines.	Appropriation.	Date of contract or instructions.
			<i>Ms. ch. lks.</i>	<i>Ms. ch. lks.</i>	<i>Ms. ch. lks.</i>		
Ins.	Withrow & Todd.....	Base line....	172 54 52	.....	.....	Special appropria- tion. Mar. 3, 1859	June 10, 1859
270	Charles W. Pierce.....	Town'p lines.	.....	291 45 22	.....	.....do.....	Apr. 29, 1859
272	Justus L. Cozard.....	Section lines.	.....	.....	554 22 17	.....do.....	do.....
274	Nathan P. Cook.....	Standard	190 41 9	.....	.....	.....do.....	do.....
275	Mackey & Ludington ..	Section lines.	.....	.....	.....	.....do.....	do.....
Ins.	Nathan P. Cook.....	Special	.....	.....	.....	.....do.....	do.....
Ins.	Charles W. Pierce.....	do.....	.....	.....	.....	.....do.....	May 24, 1859
Ins.	Nathan P. Cook.....	do.....	.....	.....	.....	.....do.....	Aug. 3, 1859
Ins.	do.....	do.....	.....	.....	.....	.....do.....	do.....
Ins.	Charles D. Manners....	Section lines.	.....	.....	180 12 19	June 12, 1858	July 2, 1858
235	John K. Cook.....	do.....	.....	.....	93 67 64	.....do.....	do.....
237	James D. White.....	do.....	.....	.....	600 36 7	.....do.....	do.....
238	Mason Crouch.....	do.....	.....	.....	539 34 9	.....do.....	do.....
265	Thomas W. Wheatley..	do.....	.....	.....	996 2 52	.....do.....	Apr. 26, 1859
Ins.	Charles A. Manners....	Resurvey	.....	.....	.....	.....do.....	June 27, 1859
Ins.	Bernard D. Holbrook...	Indian reser- vation.	.....	.....	.....	Special appropria- tion.	July 12, 1858
			363 15 61	291 45 22	2,964 14 68		

*the Territory of Kansas during the year ending on September 30, 1860.*

Rate.	Amount for mileage.	Per diem account.	Total.	Remarks.
\$30 00	\$5,180 45	.....	\$5,180 45	Cost of half the base line extension. Including per diem for Indian boundaries.
7 & 12	455 57	\$1,824 00	2,279 57	
5 00	1,776 07	.....	1,776 07	
5 00	1,892 22	.....	1,892 22	
5 00	2,874 05	.....	2,874 05	
5 & 7	2,907 02	.....	2,907 02	
5 00	2,399 80	.....	2,399 80	Obliterating corners erroneously established by Wm. Spencer; contract No. 107.
5 00	1,091 99	.....	1,091 99	
.....	.....	23 00	23 00	
.....	.....	67 00	67 00	Of island in township 11 south, of range 16 east.
.....	.....	111 00	111 00	Establishing northwest corner of Sac and Fox reservation.
.....	.....	55 50	55 50	Retracing a portion of northern boundary of the Osage reserve.
.....	.....	134 00	134 00	Remeasuring lines and establishing corners in township 9 south, range 8 east.
.....	.....	167 50	167 50	Meandering Big Blue and remeasuring lines in township 10 south, range 8 east.
.....	.....	16 75	16 75	Resurvey of a portion of Wyandotte Float No. 7, in township 9 south, range 8 east.
.....	.....	16 75	16 75	Resurvey of southern and western boundaries of Wyandotte Float No. 3.
.....	.....	167 50	167 50	Resurvey of township 9 south, of range 8 east.
.....	.....	26 00	26 00	Closing the lines of the public surveys on floats Nos. 11 and 13. Do. do. do.
.....	.....	78 00	78 00	
5 00	4,600 72	.....	4,600 72	
5 00	2,563 42	.....	2,563 42	
5 00	2,101 10	.....	2,101 10	
5 00	5,400 29	.....	5,400 29	
.....	33,242 70	2,687 00	35,929 70	

*the Territory of Nebraska during the year ending September 30, 1860.*

Rate.	Amount for mileage.	Per diem account.	Total.	Remarks.
\$30 00	\$5,180 45	.....	\$5,180 45	Half extent and cost of base line extension.
7 00	2,040 96	.....	2,040 96	
5 00	2,771 39	.....	2,771 39	
12 00	2,286 16	.....	2,286 16	
5 00	.....	.....	.....	Canceled; relet to Charles W. Pierce. Surveys completed in the field, but not yet returned.
.....	.....	\$556 75	556 75	
.....	.....	153 00	153 00	Retracing boundaries of Fort Kearney reserve.
.....	.....	137 50	137 50	Retracing Omaha reserve, and destroying erroneous corners.
.....	.....	437 06	437 06	
5 00	900 76	.....	900 76	
5 00	469 23	.....	469 23	
5 00	3,062 25	.....	3,062 25	
5 00	2,697 14	.....	2,697 14	
5 00	4,980 16	.....	4,980 16	
.....	.....	520 00	520 00	
.....	.....	1,079 50	1,079 50	
.....	24,328 50	2,883 81	27,212 31	

## No. 20.

*Statement showing the names of deputies employed in the field in executing contracts under the appropriation of June 25, 1860, or on Indian account.*

<i>Name</i>	<i>Where employed.</i>
Nathan P. Cook.....	Nebraska Territory.
James Withrow.....	Kansas Territory.
Henry Gaines.....	Nebraska Territory.
William W. Clarke.....	Nebraska Territory.
Hampton B. Denman.....	Sac and Fox reservation.
John McCarthy.....	Sac and Fox reservation.
William L. Spalding.....	Nebraska Territory.
Hugh McKee.....	Delaware reservation.
Frederick Haun.....	Delaware reservation.
Henry C. F. Hackbusch.....	Delaware reservation.
William M. Hill.....	Kansas Territory.
Isaac C. Stuck.....	Kansas Territory.

## No. 13 G.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
*San Francisco, California, September 15, 1860.*

SIR: In accordance with the instructions from your department, dated April 25, 1860, I herewith submit (in triplicate) the annual report of the condition of the business intrusted to my supervision in the surveying district of California for the past fiscal year, and estimates for the coming one of 1861-62, together with a complete map of the surveys thus far executed.

The statements annexed hereto, and marked "A to J," will show the operations of the office from the date of the last report.

The following are a portion of the multifarious duties devolving upon myself and the employés of this office:

The examination in person, in the field and office, of the locations of surveys of private land claims.

Making out the original and necessary copies of contracts, instructions, bonds, and accounts. Copying the correspondence of the office. The examination and calculation of plats of public surveys. The examination of field notes, plats, and calculations of the surveys of private land claims. Making sketches to accompany contracts of public surveys, surveys of private land claims, and examinations in the field. Keeping in order the records of plats, field notes, the Spanish and Mexican archives, and the records of the office, with the accompanying books. Noting all evidence taken before the surveyor general relating to disputed boundaries of private land claims, and making copies of the same for the General Land Office.

Preparing statements of conflicting claims of private grants with necessary exhibits; examining the location of the same when returned in office. Exhibiting the Spanish and Mexican archives and records of the office to parties interested; and making out in quadruplicate the annual synopsis and report, with accompanying maps and statements.

During the past year the following additional duties have, by instructions and congressional legislation, devolved on this office.

*First.* Abstracts and reports of swamp and overflowed lands.

*Second.* Examination and report for patent of all subdivision surveys, heretofore preëmpted or selected under the different acts of Congress relating thereto.

*Third.* Preparing advertisements of surveys of private land claims in two papers (one nearest the land) in each judicial district.

*Fourth.* Preparing plats of surveys of private land claims when ordered by the United States district courts, and furnishing all information from the records asked for by the officers of the United States.

The field of operation for the coming year will be, as near as practicable, in accordance with the views of the department, as follows, viz:

*First.* Surveys of confirmed private land claims.

*Second.* The lines of public surveys, connecting and adjoining the surveys of ranchos.

Instructions for the surveys of private land claims will be carefully drawn, in accordance with the regulations of the department, and as fully as the decree appertaining to each case will admit.

The surveys have kept pace with the appropriations.

Those reported as not returned are completed in the field, and will, in a few weeks, be returned for examination in this office.

The surveys made during the last year are—

*First.* Surveys of all private land claims, for which the proper decrees were filed during the year.

*Second.* Subdivision work connecting or adjoining the private land claims, or occupied by settlers, and of which immediate sale can be made.

The liabilities for surveys during my official connection with the office have been kept strictly within the appropriations therefor.

The account for moneys received and disbursed by me, on account of rent of office, stationery, and incidental expenses, shows a balance in favor of the United States of \$174 06.

My accounts, current and necessary vouchers have been promptly forwarded to the department, and, as will be seen by reference thereto, the disbursements have been kept within the appropriations therefor.

My reasons for asking for the appropriations for surveys are—

*First.* I am led to believe that most, if not all, of the private claims will be adjudicated in the coming year; and the policy of the government being to foster the settler, the lines of the public surveys should be run as soon as possible. A great body of the settlers are located adjoining to or upon land heretofore claimed by parties under grants from the former government, but which, upon examination, have been found worthless or destitute of merit, thus leaving a large body of valuable land open for settlement.

In California locations are sought for by the grape grower, the sheep raiser, and the lumber man, hitherto deemed worthless, but now found to be most valuable; the agriculturist plows not only the valleys, but to the very mountain top, obtaining a fine yield of cereals, sufficient not only to supply this State, but furnishing a large surplus for exportation.

A large quantity of wool is annually shipped from this State, and the wine business bids fair to equal, if not rival any country on the globe.

Owing to the insecurity of titles, the settler has placed mere temporary fences and improvements on his farm, nor can he become permanently settled, until his lines of demarkation are fixed. The settler only wishes to know where, with safety to his limited capital, he can build his house, raise his crops or vine, graze his stock, and hew his lumber. To him these are matters of great moment, and, as I before stated, the policy of the government should be to foster the settler, by giving him permanency and stability, and thus increase the wealth of the nation.

As a matter of revenue, I am satisfied that the body of land above referred to, would, when surveyed, in a great measure, pay for all the surveying expenses of this district.

These views have been my guide in surveying the public lands of California, and I can safely state that no worthless lands have been subdivided since my induction into office. In issuing contracts and instructions, I have been guided; first, by the actual wants of the settler, who should be cared for before all others; secondly, by the necessity of closing the public work, so as to leave none unsurveyed, for which increased mileage would hereafter be demanded by the deputy, on account of isolation, or difficulties connected therewith.

The legislature of this State, representing the various interests thereof, recognized the settlement of the surveys of the public lands as the paramount interest of the State, and through their senators and representatives, suggested that suitable appropriations should be made for this purpose.

I can only add, that experience has shown me the wisdom of the suggestion, and hope the department will, as a matter of justice to thousands of families in California, use all their influence to carry out this suggestion.

The office work is becoming more onerous and complicated every year.

The present force consists of—

- 1 chief clerk.
- 1 clerk in charge of public records.
- 2 general clerks.
- 1 keeper of archives.
- 1 archive clerk.
- 1 principal draughtsman.
- 3 assistant draughtsmen.

The force is, even now, inadequate to perform the necessary office duties required of them, and some portion of the public work must suffer.



In view of the demands made on this office for information by the officers of the United States and the public, together with a strict compliance with the instructions from the department, two additional assistants are required, but to keep within the appropriation, I shall be obliged to reduce the present force, before the close of the fiscal year.

Very respectfully, your obedient servant,

J. W. MANDEVILLE,

*United States Surveyor General, California.*

Hon. JOS. S. WILSON,

*Com'r Gen'l Land Office, Washington, D. C.*

A.—Statement showing the number and present condition of the surveys  
date of

No. of survey.	Name of rancho.	To whom confirmed.	Date of instructions.	By whom surveyed.
1	Las Animas.....	Widow and heirs of J. M. Sanchez.	April 13, 1858	J. Wallace.....
2	Los Guilicos .....	J. Wilson .....	April 26, 1858	C. C. Tracy.....
3	San Ramon (Amador).....	J. M. Amador .....	Nov. 17, 1857	J. La Croze .....
4	San Ramon (Norris).....	Leo Norris .....	.....do.....	.....do.....
5	Salsipuedes .....	Jas. Blair <i>et al.</i> .....	Dec. 7, 1857	A. S. Easton.....
6	Encinal de Buena Esperanza...	D. Spence .....	Dec. 21, 1857	H. Washington.....
7	Guadalupe .....	D. Olivera <i>et al.</i> .....	Jan. 13, 1858	B. M. Henry.....
8	Lomas de la Purificacion.....	A. Yansens .....	Jan. 23, 1858	R. W. Norris.....
9	Tequepis .....	A. Ma. Villar.....	.....do.....	.....do.....
10	Santa Ana .....	C. Ayala <i>et al.</i> .....	.....do.....	.....do.....
11	San Antonio .....	D. and V. Peralta.....	Feb. 8, 1858	J. T. Stratton.....
12	Pala .....	Widow and heirs of C. White.	Feb. 10, 1858	J. Wallace.....
13	San Lorenzo.....	G. Castro.....	Feb. 18, 1858	J. La Croze.....
14	San Ysidro.....	M. C. Ortega .....	March 1, 1858	J. Wallace.....
15	Rancho de San Marcos.....	N. A. Den .....	March 12, 1858	R. W. Norris.....
16	San Ysidro.....	Q. Ortega .....	March 25, 1858	J. Wallace.....
17	Nacional.....	V. Cantua .....	March 29, 1858	H. Washington.....
18	San Pablo.....	J. Y. Castro.....	April 13, 1858	J. La Croze.....
19	Cañada de los Pimos.....	J. S. Alemany, Bishop, &c.	April 17, 1858	R. W. Norris.....
20	Mission Santa Ynez.....	.....do.....	.....do.....	.....do.....
21	Cañada de los Osos, y Pecho y Islay.	J. Wilson.....	.....do.....	.....do.....
22	San Simeon.....	J. M. Gomez.....	April 27, 1858	B. M. Henry.....
23	Tinaquic.....	William D. Foxon.....	April 28, 1858	R. W. Norris.....
24	Punta de Quentin .....	B. R. Buckelew.....	May 5, 1858	R. C. Matthewson.....
25	El Valle de San Jose.....	A. Bernal, J. Bernal, and A. Sunol.	May 18, 1858	J. La Croze.....
26	Laguna de los Palos Colorados.	J. Moraga .....	.....do.....	.....do.....
27	San Fran'co de las Llagas.....	J. Murphy <i>et al.</i> .....	May 28, 1858	J. Wallace.....
28	Punta de Reyes.....	A. Randall (Snook).....	.....do.....	R. C. Matthewson.....
29	.....do.....	A. Randall (Osio).....	.....do.....	.....do.....
30	Tomaes y Baulinas .....	B. Phelps.....	.....do.....	.....do.....
31	Tzabaco.....	Heirs of J. G. Peña.....	March 5, 1858	C. C. Tracy.....

*of private land claims for the fiscal year 1857-58 that were unsettled at last report.*

Liabilities.		Area.	When sent to Washington.	Remarks.
Estimated.	Returned accounts.			
	<i>Ms. chs. lks.</i>	<i>Acres.</i>		
\$420 00	.....	.....	.....	In district court.
.....	26 47 73	\$398 95	.....	Do.
350 00	.....	.....	.....	Completed in field.
160 00	.....	.....	.....	Do.
.....	44 50 57	669 48	27,662.57	.....
.....	9 6 55	136 23	.....	July 26, 1860
.....	23 21 56	349 04	13,351.64	Jan. 19, 1860
500 00	.....	.....	.....	Do.
.....	21 11 30	317 11	.....	.....
.....	16 26 86	245 04	.....	July 12, 1860
.....	23 75 0	359 06	.....	.....
.....	28 35 82	426 72	.....	In district court.
.....	13 55 60	205 43	4,454.08	Feb. 4, 1860
.....	28 60 41	431 33	26,717.40	.....
.....	11 76 80	179 40	4,438.70	Do.
.....	29 28 85	440 41	35,573.10	July 12, 1860
.....	11 37 70	172 07	4,437.67	.....
.....	15 8 90	226 67	6,633.29	June 20, 1860
.....	41 59 10	626 08	19,394.40	Do.
.....	31 36 50	471 84	.....	.....
600 00	.....	.....	.....	Withdrawn. In office.
200 00	.....	.....	.....	Do.
.....	15 62 60	236 74	.....	.....
.....	24 25 2	364 69	.....	.....
400 00	.....	.....	.....	Do.
278 00	.....	.....	.....	Survey to be reformed.
.....	23 24 40	349 57	22,979.66	Jan. 4, 1860
.....	15 55 18	235 35	8,877.68	Dec. 19, 1859
.....	119 42 27	1,792 93	48,189.34	.....do.....
.....	26 76 34	404 31	14,172.85	.....
.....	22 77 98	344 62	15,439.32	Oct. 4, 1859
2,908 00	.....	9,383 07	.....	.....

## B.—Statement showing the number and present condition of the surveys at date of

No. of survey.	Name of Rancho.	To whom confirmed.	Date of Instruk-tions.	By whom surveyed.
1	La Bolsa Chica.....	Joaquin Ruiz.....	Sept. 1, 1858	H. Hancock.....
2	Los Alamitos.....	A. Stearns.....	do.....	do.....
3	Cajon de Santa Anita.....	B. Forba.....	do.....	do.....
4	Paso de Bartolo.....	B. Guirado <i>et al.</i> .....	do.....	do.....
5	Tajanta.....	E. Abila.....	do.....	do.....
6	Los Angeles (city lands).....	Mayor and City Council.....	do.....	do.....
7	La Habra.....	A. Pico <i>et al.</i> .....	do.....	do.....
8	Sausal Redondo and Guaspita.....	A. Y. Abila.....	do.....	do.....
9	Portrero de Felipe Lugo.....	G. Morillo <i>et al.</i> .....	do.....	do.....
10	Junepa.....	L. Robideau <i>et al.</i> .....	do.....	do.....
11	Agunge de Centinella.....	B. Abila.....	do.....	do.....
12	San Francisco.....	J. Feliz <i>et al.</i> .....	do.....	do.....
13	Los Cerritos.....	Juan Temple.....	do.....	do.....
14	Rancho La Merced.....	F. P. F. Temple <i>et al.</i> .....	do.....	do.....
15	Los Palos Verdes.....	J. L. Sepulveda <i>et al.</i> .....	do.....	do.....
16	Las Bolsas.....	R. Yorba <i>et al.</i> .....	do.....	do.....
17	La Cienega.....	J. Abila.....	do.....	do.....
18	Azurza, (part).....	H. Dalton.....	do.....	do.....
19	do.....	A. Duate.....	do.....	do.....
20	Los Felix.....	M. Y. Berdugo.....	do.....	do.....
21	La Cañada.....	J. R. Scott <i>et al.</i> .....	do.....	do.....
22	Buenos Ayres.....	B. D. Wilson <i>et al.</i> .....	do.....	do.....
23	Ex Mission San Fernando.....	E. Decells.....	do.....	do.....
24	San Antonio.....	A. M. Lugo.....	do.....	do.....
25	San Antonio O Rodeo de las Agua.	M. R. Valdez.....	do.....	do.....
26	Lot near Mission San Gabriel.....	J. P. de Courtney.....	do.....	do.....
27	do.....	D. Sexton.....	do.....	do.....
28	do.....	R. Falensuela <i>et al.</i> .....	do.....	do.....
29	Santa Ana del Chino.....	M. M. Williams <i>et al.</i> .....	do.....	do.....
30	Santa Ana del Chino, (addition)	M. M. Williams <i>et al.</i> .....	do.....	do.....
31	Rincon de la Bred.....	G. Ybarra.....	do.....	do.....
32	El Rincon.....	B. Yorba.....	do.....	do.....
33	Cahuenga.....	D. W. Alexander.....	do.....	do.....
34	Cañada de los Nogales.....	J. M. Aguila.....	do.....	do.....
35	Tujunga.....	D. W. Alexander.....	do.....	do.....
36	Los Nogales.....	Mode J. Garcia.....	do.....	do.....
37	San Emedios.....	F. Dominguez.....	do.....	do.....
38	San Rafael.....	J. Berduga <i>et al.</i> .....	do.....	do.....
39	Lomas de Santiago.....	T. Yorba.....	do.....	do.....
40	San José.....	R. Bejar.....	do.....	do.....
41	San Joaquin.....	J. Sepulveda.....	do.....	do.....
42	Niguel.....	J. Abila <i>et al.</i> .....	do.....	do.....
43	San Justo.....	F. P. Facheo.....	Sept. 6, 1858	J. E. Terrell.....
44	Tequesquito.....	F. Sanchez <i>et al.</i> .....	do.....	do.....
45	Los Patemes.....	A. Castro <i>et al.</i> .....	do.....	do.....
46	La Natividad.....	R. Butron <i>et al.</i> .....	do.....	do.....
47	Los Armitas y Agua Caliente.....	F. A. McDougall <i>et al.</i> .....	Sept. 11, 1858	do.....
48	Los Verges.....	Jas. Stokes.....	do.....	do.....
49	Los Cameros.....	F. A. McDougall <i>et al.</i> .....	do.....	do.....
50	Alisal.....	M. T. de la G. Hartwell.....	do.....	do.....
51	Napa.....	O. H. Frank <i>et al.</i> .....	Sept. 13, 1858	C. C. Tracy.....
52	do.....	O. H. Frank.....	do.....	do.....
53	Mission San Juan Capistrano.....	J. S. Alemany.....	Sept. 14, 1858	H. Hancock.....
54	Los Raulines.....	G. Briones.....	Sept. 23, 1858	R. C. Mathewson.....
55	Corte de Madera del Presidio.....	Heirs of J. Reed.....	do.....	do.....
56	Rancho de Farwell.....	J. Williams <i>et al.</i> .....	Oct. 6, 1858	A. W. Von Schmidt.....
57	do.....	Wm. Potter <i>et al.</i> .....	do.....	do.....
58	do.....	Heirs of E. Farwell.....	do.....	do.....
59	do.....	J. Williams.....	do.....	do.....
60	Los Laureles.....	J. M. Bewnda <i>et al.</i> .....	Sept. 21, 1858	J. E. Terrell.....
61	San Vincente.....	C. Munrass <i>et al.</i> .....	Sept. 12, 1858	do.....
62	Tract near Monterey.....	Henry Cocks.....	do.....	do.....
63	El Piojo.....	Joaquin Soto.....	Sept. 11, 1858	do.....
64	El Sur.....	J. B. R. Cooper.....	Sept. 11, 1858	do.....
65	Mallacomes O'Moristul, y Plan de Agua Caliente.....	J. S. Beneysa.....	Oct. 19, 1858	C. C. Tracy.....
66	Mission San Francisco de Solano.	J. S. Alemany.....	Oct. 1, 1858	do.....
67	Mallacomes, &c., (part).....	T. Knight <i>et al.</i> .....	Oct. 19, 1858	do.....
68	Cuyama.....	M. A. de la G. y Lataillade	Oct. 8, 1858	R. W. Norris.....
69	La Mission Viejo de la Puris-sima.	J. Carillo <i>et al.</i> .....	Sept. 24, 1858	do.....

of private land claims for the fiscal year 1858-59 that were unsettled last report.

Liabilities.		Area.	When sent to Washington.	Remarks.
Estimated.	Returned accounts.			
	<i>Ms. chs. lks.</i>	<i>Acres.</i>		
\$450 00	.....	.....	.....	In office.
510 00	.....	.....	.....	In office.
330 00	28 8 69	\$421 63	13,328.53	Not returned; withdrawn.
.....	10 54 84	160 22	.....	.....
.....	22 45 37	338 50	17,172.37	Aug. 20, 1859
.....	14 0 80	210 15	.....	do.
450 00	.....	.....	.....	In office.
.....	9 3 90	135 73	2,042.81	Aug. 4, 1859
120 00	.....	.....	.....	Rejected.
.....	45 39 74	682 45	.....	In office.
.....	11 10 19	166 91	.....	Not returned; withdrawn.
.....	32 72 80	493 65	.....	.....
630 00	.....	.....	.....	In office.
.....	10 58 88	161 04	.....	.....
.....	45 54 18	685 16	.....	.....
.....	14 68 81	222 90	.....	.....
180 00	.....	.....	.....	In office.
.....	17 7 60	256 43	.....	.....
.....	11 8 41	166 58	.....	.....
.....	61 15 32	917 87	.....	.....
.....	30 53 39	460 01	29,514.13	.....
.....	.....	.....	.....	Not returned; withdrawn.
.....	1 27 15	20 09	.....	Not returned; withdrawn.
.....	.....	.....	.....	Not returned; withdrawn.
.....	30 25 80	454 84	.....	In court.
.....	21 3 45	315 65	13,316.19	Aug. 20, 1859
.....	11 71 90	178 48	4,452.59	In district court.
.....	13 43 18	203 10	.....	.....
.....	.....	.....	.....	Not returned; withdrawn.
120 00	.....	.....	.....	.....
.....	16 41 50	247 78	6,660.71	do.
225 00	.....	.....	.....	In court.
.....	25 20 35	378 82	.....	Not returned; withdrawn.
.....	.....	.....	.....	Do.
.....	52 61 87	791 60	48,803.16	Do.
.....	.....	.....	.....	Do.
.....	28 67 73	432 70	33,689.99	April 4, 1860
.....	23 13 12	347 46	16,016.30	Mar. 20, 1859
.....	15 38 38	232 20	.....	.....
.....	16 15 54	342 91	.....	.....
.....	14 14 20	212 66	8,659.69	.....
.....	17 24 92	259 67	.....	In district court.
.....	6 76 50	104 34	.....	.....
.....	12 39 73	187 45	.....	.....
.....	30 73 48	463 78	.....	.....
.....	37 54 56	565 23	.....	.....
.....	2 21 51	34 03	44.40	July 12, 1860
.....	22 26 16	334 90	.....	In court.
.....	23 37 15	351 96	4,460.24	.....
.....	30 45 39	458 51	22,193.93	Oct. 19, 1859
.....	8 12 30	122 31	1,703.61	do.
.....	19 58 60	295 99	11,097.30	do.
.....	24 13 3	362 44	9,393.02	do.
.....	13 14 76	197 77	6,624.99	April 4, 1860
.....	32 54 3	490 13	.....	.....
.....	7 7 97	106 49	.....	.....
.....	19 13 87	287 60	.....	.....
.....	17 51 6	264 57	8,949.06	Nov. 4, 1859
.....	22 44 79	338 40	12,540.22	Feb. 20, 1860
.....	.....	.....	.....	.....
.....	2 28 98	35 43	14.20	Oct. 19, 1859
.....	.....	.....	.....	.....
.....	19 38 28	299 18	8,528.85	Mar. 20, 1860
.....	27 37 26	411 98	.....	.....
.....	14 23 18	214 16	.....	.....

No. of survey.	Name of rancho.	To whom confirmed.	Date of instructions.	By whom surveyed.
70	Lompoc.....	J. Carillo <i>et al.</i> .....	Sept. 24, 1858	R. W. Norris.....
71	Nojoqui.....	R. Carillo.....	do.....	do.....
72	Lot in San Luis Obispo	J. M. Bonillo.....	Oct. 8, 1858	B. M. Henry.....
73	Huasna.....	J. J. Sparks.....	Sept. 23, 1858	do.....
74	Bolsa de Chemisal.....	L. T. Burton.....	Oct. 18, 1858	do.....
75	Los Coches.....	M. J. Soberanes.....	Oct. 26, 1858	J. E. Terrell.....
76	Land near San Juan.....	P. Breen.....	Oct. 18, 1858	do.....
77	Orestimba.....	S. Nunez.....	do.....	do.....
78	San Luis Gonzaga.....	J. P. Pacheco.....	do.....	do.....
79	Tres Ojos de Agua.....	N. Dodero.....	Oct. 7, 1859	J. Wallace.....
80	Refugio.....	F. and J. Bolcoff.....	Oct. 8, 1858	do.....
81	Arroyo del Rodeo.....	J. Humes <i>et al.</i> .....	Oct. 7, 1858	do.....
82	Zayanta.....	J. Graham <i>et al.</i> .....	Oct. 18, 1858	do.....
83	Tomales y Baulines.....	R. Garcia.....	Oct. 19, 1858	R. C. Mathewson.....
84	Corte de Madera de Novato	Juan Martin.....	do.....	do.....
85	Agua Caliente, (part)	C. P. Stone.....	Oct. 8, 1858	C. C. Tracy.....
86	do.....	T. M. Levenworth.....	do.....	do.....
87	do.....	J. Hooker.....	do.....	do.....
88	Las Putas.....	M. A. H. de Beneyesa <i>et al.</i>	do.....	do.....
89	Napa, (part)	L. W. Boggs.....	do.....	do.....
90	Cabeza de Sta Rosa, (part)	Ide J. Mallagh.....	do.....	do.....
91	do.....	J. Carillo.....	do.....	do.....
92	do.....	J. Eldridge.....	do.....	do.....
93	do.....	J. Hendley.....	do.....	do.....
94	do.....	J. R. Meyer <i>et al.</i> .....	do.....	do.....
95	Cabeza de Sta Rosa, (whole)	J. Carillo <i>et al.</i> .....	do.....	do.....
96	Temecula.....	L. Vignes.....	Nov. 25, 1858	J. C. Hays.....
97	Pauba.....	do.....	do.....	do.....
98	Jonata.....	J. Carillo <i>et al.</i> .....	Oct. 8, 1858	R. W. Norris.....
99	Jesus Maria.....	L. T. Benton <i>et al.</i> .....	do.....	do.....
100	Llano de Sta Rosa.....	J. Carillo.....	do.....	C. C. Tracy.....
101	San Julian.....	Ide la Guerray Noriega.....	Oct. 7, 1858	R. W. Norris.....
102	Ex Mission Soledad.....	F. Soberanes.....	Oct. 19, 1858	J. E. Terrell.....
103	Los Carneros.....	D. Littlejohn.....	Dec. 19, 1858	do.....
104	San Mignuelito.....	M. Gonzalez.....	March 1, 1859	do.....
105	Los Ojitos.....	M. Soberanes.....	do.....	do.....
106	Rincon de las Salinas.....	R. Estrada.....	March 26, 1859	do.....
107	Posolmi.....	L. Yuigo <i>et al.</i> .....	May 18, 1859	C. T. Healy.....
108	Posolmi, (part)	R. Walkinshaw.....	do.....	do.....
109	do.....	T. Campbell.....	do.....	do.....
110	Quito.....	M. Alvisu <i>et al.</i> .....	May 2, 1859	C. C. Tracy.....
111	Campo de los Franceses.....	C. M. Weber.....	May 20, 1859	D. Beaumont.....
112	Juristac.....	A. and F. German.....	May 23, 1859	J. Wallace.....
113	Rincon de Los Esteros.....	F. Beneyesa <i>et al.</i> .....	do.....	do.....
114	do.....	R. Alvisu <i>et al.</i> .....	do.....	do.....
115	Boga.....	T. O. Larkin.....	do.....	J. L. Trask.....
116	Bolsa de San Cayetano	Ide J. Vallejo.....	June 1, 1859	J. E. Terrell.....
117	Arroyo Chico.....	J. Bidwell.....	June 3, 1859	A. W. Von Schmidt.....
118	Llano Seco.....	C. J. Brenham <i>et al.</i> .....	June 4, 1859	do.....
119	Tulucac.....	C. Inares.....	April 1, 1859	C. C. Tracy.....
120	La Laguna.....	A. Stearns.....	June 1, 1859	J. C. Hays.....
121	San Lorenzo.....	F. Soberanes.....	May 10, 1859	J. J. Cloud.....
122	Esquon.....	Samuel Neal.....	May 15, 1859	J. L. Trask.....
123	Yajome.....	S. Vallejo.....	Jan. 25, 1859	C. C. Tracy.....
124	Olompali.....	C. Ynitla.....	June 25, 1859	R. C. Mathewson.....
125	San Jose.....	Y. Pacheco.....	do.....	do.....
126	Nicasto.....	H. W. Halleck <i>et al.</i> .....	do.....	do.....
127	do. (part)	H. W. Halleck.....	do.....	do.....
128	do.....	Prink & Reynolds.....	do.....	do.....
129	do.....	J. Black.....	do.....	do.....
130	Soulajulle, (part)	G. W. Cornwall.....	do.....	do.....
131	do.....	M. F. Gornley.....	do.....	do.....
132	do.....	P. J. Vasquez.....	do.....	do.....
133	do.....	L. D. Watkins.....	do.....	do.....
134	do.....	J. S. Brackett.....	do.....	do.....
135	Soulajulle, (whole)	J. S. Brackett <i>et al.</i> .....	do.....	do.....
136	San Liandro.....	J. J. Estudillo.....	June 11, 1859	J. La Croze.....
137	Arroyo Grande.....	F. Branch.....	June 25, 1859	B. M. Henry.....
138	San Pedro.....	F. Sanchez.....	June 25, 1859, and Aug. 22,	W. J. Lewis.....
139	First survey (amended by court, as above)			
	Corral de Tierra.....	Heirs F. J. Palomares.....	June 25, 1859	do.....

Continued.

Liabilities.			Area.	When sent to Washington.	Remarks.
Estimated.	Returned accounts.				
	<i>Ms. chs. lks.</i>		<i>Acres.</i>		
	32 29 94	\$485 61			
	22 34 39	336 45			
	29 29 0	440 44			Withdrawn.
\$500 00	15 9 98	226 87			
	3 13 49	47 53	401.25	Mar. 20, 1860	
	38 0 21	570 04			
	40 33 6	606 20	48,821.43	do	
	2 21 93	34 11			
	17 52 51	264 84	12,147.12	Nov. 14, 1859	
170 00	10 50 40	159 45	2,514.64		Survey reviewed; still pending in dis't court.
	21 53 92	325 11			In district court.
	15 63 65	236 91	8,878.82	Feb. 14, 1860	Withdrawn.
	3 44 47	53 39			
	4 12 19	62 29			
	42 10 33	631 91	35,515.82	Dec. 19, 1859	Withdrawn.
	4 42 57	67 98			
	14 8 17	211 53	4,500.42	Dec. 19, 1859	
	7 30 83	110 78			
	4 65 25	72 23	640.14	April 4, 1860	
	6 29 95	95 62	1,484.82	Jan. 19, 1860	
	16 9 74	241 82			
	28 5 43	421 02	26,608.94	Nov. 19, 1859	
	33 72 36	508 57	26,597.96	Nov. 19, 1859	
	26 35 22	396 60			
	33 23 94	499 49			
	21 66 19	327 41			
	37 60 0	566 25			
	16 63 15	251 84			
	17 17 58	258 29	4,482.38	Dec. 3, 1859	
	30 57 55	460 79	22,135.89		
	20 16 85	303 16	8,900.17		
290 00	6 38 50	97 22			Survey to be reviewed.
	1 52 75	24 89			
	1 46 49	23 72			
	21 27 61	320 18	13,309.85		
	26 45 59	398 55			
	14 69 53	223 04	4,482.41		
	23 27 86	350 22			
	12 24 78	184 65			In district court.
	39 41 01	592 69	22,150.71	Oct. 4, 1859	Do.
	21 37 70	322 07	8,866.43		Do.
	37 18 5	558 38	22,214.47	Oct. 19, 1859	
	26 56 29	400 55	17,767.17	Jan. 4, 1860	
	22 69 77	343 08	8,865.58	Sept. 19, 1859	
	30 53 50	460 03	21,884.38		Rejected.
	20 4 50	300 84	22,193.78	Dec. 4, 1859	
	10 77 53	164 53	6,652.58	July 5, 1859	In district court.
	20 55 17	310 34	8,877.40	Feb. 4, 1860	
	18 59 15	281 09	6,659.25	April 4, 1860	
	95 46 81	1,433 78	56,621.04		
	15 23 92	229 49			
	3 35 70	51 69			
	2 26 30	34 93			
	0 70 0	13 13			
	5 13 57	77 54			
	3 6 60	46 24			
	6 30 0	95 63			
	4 0 0	60 00			
	25 30 64	380 75			
	15 56 89	235 67			In district court.
	11 6 0	166 13	4,437.58		
	9 11 61	137 18	8,926.46	May 4, 1860	
	13 40 93	202 67			
	14 70 71	223 26	7,766.35	Apr. 20, 1860	
3,975 00	33,735 59				

## C.—Statement showing the number and present condition of the surveys year

No. of survey.	Name of rancho.	To whom confirmed.	Date of Instructions.	By whom surveyed.
1	Buena Vista .....	M. Malarin .....	July 1, 1859	J. E. Terrell.....
2	Rancho del Puerto.....	S. G. Reed and R. S. Wade.....	do.....	do.....
3	El Potrero de San Carlos.....	J. Gutierrez <i>et al.</i> .....	do.....	do.....
4	San Francisquito.....	J. Abrego.....	do.....	do.....
5	Bolsa de los Escorpianos.....	S. Espinosa.....	do.....	do.....
6	Cañada de los Carpenterías.....	Heirs of J. Soto.....	do.....	do.....
7	Los Tulareños.....	Heirs of F. Gomez.....	do.....	do.....
8	San Lorenzo.....	Elizabeth T. Randall.....	do.....	do.....
9	Novato.....	Heirs of B. Simmons.....	do.....	R. C. Matthewson.....
10	San Jose del Valle.....	J. J. Warner.....	July 10, 1859	J. C. Hays.....
11	Muniz.....	M. Tones.....	July 16, 1859	R. C. Matthewson.....
12	La Polka.....	J. M. C. Murphy.....	July 23, 1859	J. Wallace.....
13	Nipoma.....	W. G. Dana.....	July 25, 1859	B. M. Henry.....
14	Corral de Piedra.....	J. M. Villavicencio.....	do.....	do.....
15	Paso de Robles.....	P. Rios.....	do.....	do.....
16	Potrero San Luis Obispo.....	M. C. Beundo.....	do.....	do.....
17	Santa Manuela.....	F. Branch.....	do.....	do.....
18	New Helvetia.....	J. A. Sutter.....	do.....	A. W. Von Schmidt.....
19	Chimiles.....	Gordon & Coombs.....	Aug. 1, 1859	C. C. Tracy.....
20	Arroyo Seco.....	A. Pico.....	Aug. 9, 1859	A. W. Von Schmidt.....
21	Corral de Tierra.....	T. Vasquez.....	Aug. 22, 1859	W. J. Lewis.....
22	Cañada de San Vicente.....	D. Yorba.....	Oct. 4, 1859	J. C. Hays.....
23	Rio de los Americanos.....	J. L. Folsom <i>et al.</i> .....	Oct. 15, 1859	A. W. Von Schmidt.....
24	Honcut (eastern boundary).....	C. Covillard, <i>et al.</i> .....	Nov. 1, 1859	do.....
25	San Pedro, (southern boundary,) amend by court as above.....	F. Sanchez.....	June 25, 1859	W. J. Lewis.....
26	Colus.....	C. D. Semple.....	Aug. 22, 1859	do.....
27	San Juan Bautista.....	A. Navarez.....	Dec. 1, 1859	do.....
28	Miramontes.....	C. Miramontes.....	Jan. 7, 1860	S. B. Healy.....
29	Mission Santa Barbara.....	C. Miramontes.....	Jan. 23, 1860	T. J. Arnold.....
30	Mission San Buenaventura.....	J. S. Alemany.....	Feb. 2, 1860	J. E. Terrell.....
31	Mission San Buenaventura.....	do.....	do.....	do.....
32	Los Corralitos.....	do.....	do.....	do.....
33	Mission La Purisima.....	Heirs of J. Amesti.....	Feb. 1, 1860	do.....
34	Cañada Verde, y Arroyo de la Purisima.....	J. R. Malo.....	Feb. 1, 1860	do.....
35	Bennett tracts.....	J. A. Alviso.....	May 14, 1860	R. C. Matthewson.....
36	Cañada del Hambre.....	Mary S. Bennett.....	do.....	W. J. Lewis.....
37	El Pinole.....	T. Soto.....	Dec. 1, 1859	A. W. Von Schmidt.....
38	Las Juntas.....	M. A. M. de Richardson, <i>et al.</i> .....	do.....	do.....
39	Petaluma.....	Administrators of estate of William Welch.....	do.....	do.....
		M. G. Vallejo.....	Oct. 1, 1859	C. C. Tracy.....



of private land claims under instructions from this office during the fiscal 1859-60.

Liabilities.		Area.	When sent to Washington.	Remarks.
Estimated.	Returned accounts.			
	<i>Ms. chs. Uts.</i>	<i>Acres.</i>		
.....	18 71 50	\$283 41	7,725.56	.....
.....	30 34 11	456 40	13,340.39	Mar. 19, 1860
.....	12 48 31	189 06	4,306.98	Apr. 4, 1860
.....	16 79 69	254 94	8,813.50	.....do.....
.....	19 22 29	289 18	.....	.....
.....	7 42 52	112 96	.....	.....
.....	27 22 50	409 22	26,581.34	Apr. 4, 1860
.....	27 69 36	418 00	22,284.47	.....do.....
.....	31 77 69	479 57	8,870.62	.....
.....	36 69 85	553 12	26,629.88	Apr. 19, 1860
.....	37 0 67	555 13	17,760.75	Dec. 3, 1859
.....	13 12 84	197 41	4,166.78	Jan. 19, 1860
\$300 00	.....	.....	.....	Completed in field.
400 00	.....	.....	.....	Do.
.....	37 19 97	558 74	25,993.18	.....
100 00	.....	.....	.....	Do.
400 00	.....	.....	.....	Do.
.....	178 23 11	2,674 33	.....	In district court.
.....	99 43 88	443 22	17,762.44	Oct. 18, 1859
.....	36 45 35	548 50	48,857.52	Do.
.....	11 72 53	178 81	4,436.18	Apr. 19, 1860
.....	.....	.....	.....	Not returned; withdrawn.
.....	32 25 23	484 73	35,496.47	In district court.
.....	10 27 43	154 14	.....	Do.
.....	9 11 61	137 18	8,926.46	May 4, 1860
.....	13 40 93	202 67	.....	Do.
.....	19 18 79	288 52	8,876.02	Do.
200 00	.....	.....	.....	In office.
.....	12 19 41	183 64	4,424.12	Apr. 19, 1860
30 00	.....	.....	.....	Deputy in field.
30 00	.....	.....	.....	Do.
30 00	.....	.....	.....	Do.
.....	23 62 78	356 77	15,440.02	In court.
30 00	.....	.....	.....	Deputy in field.
300 00	.....	.....	.....	In office.
.....	.....	.....	.....	Not returned; withdrawn.
.....	9 61 17	146 47	13,312.70	In district court.
.....	22 42 52	337 97	17,786.49	Do.
.....	9 50 50	144 47	13,324.39	Do.
.....	60 36 58	906 86	.....	In office.
1,820 00	.....	11,945 44	.....	.....

## D.

*Statement of the number of miles surveyed and returned, with the aggregate number of acres, in the year 1858-59, in the State of California, to September 15, 1860.*

## PUBLIC SURVEYS.

	Base.	Meridian.	Standard.	Traverse.	Township.	Section.
	<i>Mts. chs. lks.</i>	<i>Mts. chs. lks.</i>	<i>Mts. chs. lks.</i>	<i>Mts. chs. lks.</i>	<i>Mts. chs. lks.</i>	<i>Mts. chs. lks.</i>
Per last report.....	322 54 71	670 72 79	3,806 64 42	2,425 39 37	18,588 07 29	68,550 12 25
Returned contracts, 1857-58.....			35 40 23	21 38 15	73 53 36	216 0 56
Returned contracts, 1858-59.....		15 0 0	52 6 50	16 79 73	889 10 66	1,556 78 41
Returned contracts, 1859-60.....			23 56 22	43 54 9	112 34 32	1,319 51 0
Total.....	322 54 71	685 72 79	3,918 7 37	2,507 51 34	19,663 25 63	71,642 62 22

Number of acres surveyed this year, 865,669.17.

E.

*Statement of number of transcripts of field notes of public surveys forwarded to the General Land Office at Washington, to September 15, 1860.*

FIELD NOTE DEPARTMENT.

	Field notes sent to Washington.		
	Miles.		Townships.
	<i>Mls.</i>	<i>chs.</i>	<i>lks.</i>
Meridian lines.....	15	0	0
Standard lines.....	111	22	95
Traverse lines.....	82	11	97
Township exteriors.....	1,075	18	34
Township subdivisions.....	3,092	49	97
Total.....	4,376	23	23
			84

F.

*Statement of number of transcripts of field notes of private land claims forwarded to the General Land Office at Washington, to September 15, 1860.*

Descriptive notes sent to Washington.....	68
Decrees, &c., sent to Washington.....	68
Copies for office.....	68
Total.....	<u>204</u>

G.

*Statements of plats made in the office of the United States surveyor general for California for the year ending September 15, 1860.*

DRAUGHTING DEPARTMENT.

Plats of—	Where sent.					Total.
	Originals in office.	Sent to Washington.	District land offices.	District courts.	Tracings to Washington.	
Private land claims.....	141	68	.....	61	46	316
Township exteriors.....	11	11	.....	.....	.....	22
Township subdivisions.....	71	78	41	.....	.....	190
Indian reservation.....	1	1	.....	.....	.....	2
General map.....	1	1	.....	.....	.....	2
<b>Total.....</b>	<b>225</b>	<b>159</b>	<b>41</b>	<b>61</b>	<b>46</b>	<b>532</b>

H.

*The United States in account with J. W. Mandeville, surveyor general, California.*

Dr.

DISBURSEMENT ACCOUNT.

Cr

1859.			1859.		
Sept. 30	To amount expended on account of appropriation for "surveying public lands," &c.....	\$182 34	Sept. 1	By balance from last year, account of appropriation for "surveying public lands," &c .....	\$182 34
Sept. 30	To amount expended on account of appropriation for "rent of office," &c.....	1,148 49	Sept. 1	By balance from last year, account of appropriation for "rent of office," &c.....	7 38
Dec. 31	To amount expended on account of appropriation for "rent of office," &c.....	1,200 88	Sept. 30	By amount of draft on assistant treasurer, San Francisco.....	1,787 50
1860.			1860.		
March 31	To amount expended on account of appropriation for "rent of office," &c. ....	1,229 45	Jan. 13	By amount of draft on assistant treasurer, San Francisco.....	1,000 00
June 30	To amount expended on account of appropriation for "rent of office," &c.....	1,242 00	March 31	By amount of draft on assistant treasurer, San Francisco.....	1,000 00
	Balance to new account.....	174 06	June 30	By amount of draft on assistant treasurer, San Francisco.....	1,200 00
		5,177 22			5,177 22
			1860.		
			July 1	By balance.....	174 06

SECRETARY OF THE INTERIOR.

## I.

*Estimate of expenses incidental to the survey of public lands and private land claims in the State of California, for the fiscal year 1861-62.*

Salary of surveyor general.....	\$4,500
Salaries of regular clerks and draughtsmen in the office of surveyor general.....	11,000
Extra clerks, getting up and transmitting field notes and reports required by instructions.....	11,800
For rent of office, wages of messengers, purchase of instruments, stationery, fuel, and incidental expenses, advertising, &c.....	8,000
For surveying public lands and private land claims.....	200,000
Total.....	<u>235,300</u>

## J.

*List of persons connected with the public service employed in the surveyor general's office at San Francisco, California, September 30, 1860.*

Name and office.	Where employed.	Where born.	Whence appointed.	Compensation.
J. W. Mandeville, surveyor general.....	San Francisco.	New York.....	California...	\$4,500 00
E. Conway, chief clerk.....	do .....	do .....	do .....	2,000 00
R. C. Hopkins, keeper of archives.....	do .....	Virginia .....	do .....	2,000 00
E. B. Drake, archive clerk .....	do .....	North Carolina.....	do .....	1,800 00
William M. Smith, principal clerk records.....	do .....	Ohio .....	do .....	2,000 00
Charles E. Gliddon, clerk .....	do .....	Massachusetts .....	do .....	2,000 00
Theodore Snell, clerk .....	do .....	New York.....	do .....	2,000 00
C. Belawski, principal draughtsman .....	do .....	Poland.....	do .....	2,000 00
Joseph H. Wildes, draughtsman.....	do .....	Massachusetts.....	do .....	1,800 00
R. W. Fishbourne, draughtsman.....	do .....	Ireland.....	do .....	1,800 00
George F. Allardt, draughtsman.....	do .....	Prussia .....	do .....	2,000 00
Patrick Magee, messenger.....	do .....	Ireland.....	do .....	900 00

## No. 13 H.

SURVEYOR GENERAL'S OFFICE,  
*Oregon, Eugene City, September 30, 1860.*

SIR: In obedience to "instructions" and the usage of this office, I have the honor of submitting the annual report of the surveying service in this district during the year ending the 30th June, 1860.

The corrected map herewith transmitted will exhibit the amount of work completed, as well as that proposed for future appropriations.

A more detailed statement of the condition of surveying contracts, numbering from 79 to 84 inclusive, not closed August 30, 1859, will be found under letter A.

But one of those, that of D. P. Thompson, No. 79, for the extension of the base line east of the Cascade mountains, is yet open for further action. The result of the several measurements is, that there is a corresponding error throughout its whole length; but in accordance with the views contained in yours of June 15, 1860, not sufficient to require a resurvey, only subjecting it to intermediate corrections. So far, therefore, as this office is advised, the contract referred to may be closed by the payment of his account; covered by the late appropriation for payment of deficiencies, subject, however, as it is supposed, to such deduction as may be deemed proper, to cover expenses which have been and may be incurred in the correction.

By statement B, it will appear that the work under contracts Nos. 85, 86, 87, 88, and 89, let since the date of last annual report, have been completed, the field notes returned and approved, and the accounts transmitted to the General Land Office for adjustment.

One other contract, No. 90, of the 7th of June last, by H. P. C. Averil, the last under the appropriation of 1859, was for a very inconsiderable amount of work, (being only ten miles, to include some settler's claims at the base of the mountain.) The notes have not been returned, but may be expected in a few days.

Under letter C, may be found a statement of original plats, made of exterior and subdivisonal lines, and copies thereof transmitted to the proper local and the General Land Office since August 30, 1859.

The sum of \$20,000 was appropriated to defray the expense of prosecuting the work under the contracts before referred to; and by statement D it will appear that the amount of liabilities incurred under that appropriation was \$20,212 09.

Statement E exhibits the amount of liabilities incurred under the appropriation for salary of surveyor general and pay of clerks in his office for the year ending June 30, 1860.

In the statement under letter F will be seen the amount expended for office rent, incidental expenses, &c., for the last year.

## EXTENSION OF THE PUBLIC SURVEYS.

Since the last annual report so little change has taken place in relation to the extension of public surveys east of the Cascade mountains that I beg leave, respectfully, to refer to that report upon this

subject. The reasons therein assigned for extending those surveys still exist, only with greater force, commending the subject respectfully, but earnestly, to your consideration.

#### DONATION CLAIMS.

By the last annual report you were informed of the measures proposed for closing up the business of the office connected with and growing out of the survey of donation claims; they had the desired effect, and there now remains to be surveyed not exceeding a half dozen claims west of the Cascade mountains. They are isolated and in detached settlements, rendering it difficult to obtain the services of a deputy to execute the work.

A very large share of the time of the office has been occupied in this branch of the service, in removing obstacles which seem to have resisted its efforts for years. It was thought they might be speedily overcome, but experience has proven to the contrary, and the difficulties have been found more varied and numerous than it was possible to have conceived of. Most of the claims not surveyed at the date of the last report had been omitted, because of these obstacles. They lay interspersed amongst claims surveyed under nearly a hundred different contracts.

It had been the practice for a number of years to regard the approved plat as an approval of the notes. In many such instances protracted surveys of claims differ from the notes. Many of these discrepancies cannot fail to present themselves in completing the surveys and closing up the township map, and forces an examination of such work to determine to some extent whether the errors are in the last or first surveys. If in the first, to correct them under the circumstances, present difficulties not easy to overcome.

Errors of this kind are found, not only in surveys platted, and thus approved, but they frequently occur in cases wherein the patents have issued. In some cases, where corrections in the field might remove some of the difficulties, the deputies have died or left the country. Their bonds might be put in suit, but that would not, as it is believed, afford a remedy within any reasonable time, if ever.

Under the present mode no claim is regarded as surveyed, so as to issue a special or general plat, until the field notes are critically examined, and their correctness certified over the signature of the surveyor general.

Since the 30th of August, 1859, the practice of issuing special plats, upon which to base patent certificates, has been wholly abandoned, and every surveyed claim in each township is protracted upon the township plat, exhibiting its proper location, connections, and intersections, and so reported to the proper land office for patent certificates.

#### BOUNDARY LINE OF THE STATE.

Prior to the last annual report, in pursuance of your instructions that plats of townships No. 41 south, ranges 7, 8, 9, 10, and 11 east, and township No. 41 south, range 13 west, had been withdrawn,



because they were closed upon a supposed line between Oregon and California, no further disposition has been made in the matter. In the last report it was suggested that Congress be asked to authorize the running of the line. This office has frequently been called upon to replace those maps.

Very little progress has been made in preparing for the survey of the line between Oregon and Washington. On the 29th day of August last, I addressed a communication to Surveyor General Tilton; but, not having an answer on the 17th instant, I dispatched the office messenger with another communication. Soon after his return it is expected we shall be able to report according to instructions.

Statement G will exhibit the surveying and office estimates, which is hoped will meet your approbation.

Statement H will show that, from the organization of the office till the 30th of August, 1859, there had been closed fifty-six township maps of donation claims, and the required copies made and transmitted. Since that date there has been the field notes of 407 claims examined and approved, and the claim maps of eighty-five townships have been made and transmitted, embracing 1,314 claims, making, in the aggregate, about 140 township maps of donation claims now closed, areas calculated, and the public lands therein, so far as pertains to this office, ready for market, leaving, in this branch of the service yet to be closed, about 150 townships.

No progress has been made in recording the field notes of these claims. It is not likely that the force allowed the office will permit entering upon that duty until either the surveys are all protracted upon the township maps, or an appropriation for that special purpose shall have been made, which last alternative I respectfully urge upon your consideration, as time and use are making visible impressions upon the field books, many of which at best are not very substantial.

I have the honor to be, very respectfully, your obedient servant,

W. W. CHAPMAN,  
*Surveyor General of Oregon.*

Hon. JOSEPH S. WILSON,  
*Commissioner of General Land Office.*

A.

Statement showing the condition of surveying contracts not closed August 30, 1859.

No.	Date.	Contractors' names.	Description of lines.	Estimate.	Miles run.	Price.	Gross amount.	Cost of examination.	Remarks.
79	July 26, 1858	David P. Thompson....	Extension of base line east from southeast corner of section 32; township 1 north, range 8 east, to southeast corner; township 1 north, range 32 east, Willamette meridian.	Miles. 148	Mls. chs. lks. 148 0 0	\$25	\$2,960 00	\$921 25	In error. Acc't suspended.
80	July 8, 1859	Sewall Truax.....	Rechainig 9th standard parallel south, through range 1 east; the exterior lines of townships 39 south, ranges 2 and 3 east; subdivisions of addenda to townships 39 south, ranges 1 and 3 east; exterior and subdivisonal lines of township 38 south, range 3 east; exterior and subdivisonal lines of township 39 south, range 4 east; subdivisions of township 38 south, range 4 east, and township 39 south, range 1 west.	432	200 0 93	12	2,400 00	.....	Contract closed. Account transmited and reported for payment.
81	.....do.....	David P. Thompson....	Guide meridian north, from southeast corner of township 1 north, range 30 east, to the northeast corner of township 5 north, range 30 east, Willamette meridian.	25	30 0 0	20	600 00	} \$225 50	} Contract closed August 20.
82	July 22, 1859	Daniel Murphy .....	Exterior and subdivisonal lines of townships 1 north, ranges 12 and 14 east; exterior lines, subdivisions, and meanders of township 1 north, range 13 east, and townships 2 north, ranges 12, 13, and 14 east.	276	327 79 2	12	3,935 85		
83	.....do.....	David P. Thompson....	Exterior lines of townships 1 north, ranges 28, 29, and 30 east; exterior and subdivisonal lines of townships 2 north, ranges 28, 29, and 30 east.	252	253 8 36	12	3,037 25		
84	.....do.....	N. H. Gates .....	Exterior lines of township 3 north, range 30 east; exterior and subdivisonal lines of townships 3 north, ranges 28 and 29 east.	144	156 37 51	12	1,877 62		Do.

## B.

## Statement showing the contracts made for surveys of public lands since August 30, 1859.

No.	Date.	Contractors' names.	Description of lines.	Estimate.	Price.	Gross amount.	Remarks.
85	Nov. 8, 1859	R. V. Short.....	Exterior and subdivisinal lines and meanders of townships No. 1 north, ranges 5 and 6 east; townships No. 2 north, ranges 6, 7, and 8 east; township No. 3 north, range 8 east.	<i>Miles.</i> 70	\$12 00	\$670 48	Contract closed. Account transmitted.
86	Nov. 16, 1859	L. F. Cartee.....	Subdivisinal lines and meanders of township 3 north, range 12 east; exterior lines, subdivisions, and meanders of townships 2 and 3 north, ranges 10 and 11 east; exterior lines, subdivisions, and meanders of township 3 north, range 9 east; and meanders of township 2 north, range 9 east.	500	12 00	1,827 36	Do.
87	Nov. 18, 1859	Daniel S. Herren .....	Exterior and subdivisinal lines of township 17 south, range 7 west.	72	12 00	708 11	Do.
88	May 11, 1860	L. F. Cartee.....	Subdivisinal lines of townships 1 north, ranges 28 and 29 east.	120	12 00	1,444 96	Do.
89	May 12, 1860	Josiah A. Burnett.....	Exterior and subdivisinal lines of townships 2 and 3 south, range 5 east.	144	12 00	1,678 16	Do.
90	June 7, 1860	Henry J. C. Averill .....	Addenda subdivisions of township 14 south, range 1 east ...	10	12 00	.....	No return made.

C.

Statement of original plats of exterior and subdivisional lines of townships, and copies transmitted from this office to the General Land Office, and to registers, since August 30, 1859.

Contractors' names.	Number of contract.	Date of contract.	Date of voucher.	Lines.	Townships.	Ranges.	District.	Original.	Sent to commissioner.	Sent to register.	Total.
Sewall Truax.....	80	July 8, 1859	Dec. 23, 1859	Exterior .....	39 south .....	2 east .....	Umpqua.....	}	1	1	2
Do.....	80	do	do	do	39 south .....	3 east .....	do				
Do.....	80	do	do	do	38 south .....	3 east .....	do				
Do.....	80	do	do	do	39 south .....	4 east .....	do				
Do.....	80	do	do	do	39 south .....	1 east .....	do				
Do.....	80	do	do	do	39 south .....	3 east .....	do				
Do.....	80	do	do	do	39 south .....	4 east .....	do				
Do.....	80	do	do	do	38 south .....	4 east .....	do				
Do.....	80	do	do	do	39 south .....	1 west .....	do				
Do.....	80	do	do	do	39 south .....	3 east .....	do				
Do.....	80	do	do	do	39 south .....	4 east .....	do				
Do.....	80	do	do	do	38 south .....	4 east .....	do				
Do.....	80	do	do	do	39 south .....	1 west .....	do				
Do.....	80	do	do	do	39 south .....	3 east .....	do				
David P. Thompson.....	81	do	Aug. 20, 1859	Guide merid'n, thro'	1, 2, 3, 4, and 5 north.	30 east .....	Willamette	}	1	1	2
Daniel Murphy.....	82	July 22, 1859	Feb. 4, 1860	Exterior .....	1 north .....	12 east .....	do				
Do.....	82	do	do	do	2 north .....	12 east .....	do				
Do.....	82	do	do	do	1 north .....	13 east .....	do				
Do.....	82	do	do	do	2 north .....	13 east .....	do				
Do.....	82	do	do	do	1 north .....	14 east .....	do				
Do.....	82	do	do	do	2 north .....	14 east .....	do				
Do.....	82	do	do	do	1 north .....	12 east .....	do				
Do.....	82	do	do	do	2 north .....	12 east .....	do				
Do.....	82	do	do	do	1 north .....	13 east .....	do				
Do.....	82	do	do	do	2 north .....	13 east .....	do				
Do.....	82	do	do	do	1 north .....	14 east .....	do				
Do.....	82	do	do	do	2 north .....	14 east .....	do				
Do.....	82	do	do	do	1 north .....	12 east .....	do				
David P. Thompson.....	83	do	Jan. 31, 1860	Exterior .....	1 north .....	30 east .....	do	}	1	1	2
Do.....	83	do	do	do	1 north .....	29 east .....	do				
Do.....	83	do	do	do	1 north .....	28 east .....	do				
Do.....	83	do	do	do	2 north .....	30 east .....	do				
Do.....	83	do	do	do	2 north .....	29 east .....	do				
Do.....	83	do	do	do	2 north .....	28 east .....	do				
Do.....	83	do	do	do	2 north .....	30 east .....	do				
Do.....	83	do	do	do	2 north .....	30 east .....	do				
Do.....	83	do	do	do	2 north .....	29 east .....	do				
Do.....	83	do	do	do	2 north .....	29 east .....	do				
Do.....	83	do	do	do	2 north .....	28 east .....	do				
Do.....	83	do	do	do	2 north .....	30 east .....	do				
Do.....	83	do	do	do	2 north .....	29 east .....	do				
Do.....	83	do	do	do	2 north .....	28 east .....	do				

N. H. Gates	84	do	do	Exterior	3 north	28 east	do	}	1	1	....	2
Do	84	do	do	do	3 north	29 east	do					
Do	84	do	do	do	3 north	30 east	do					
Do	84	do	do	Subdivisions	3 north	28 east	do					
Do	84	do	do	do	3 north	29 east	do	}	1	1	1	3
R. V. Short	85	Nov. 8, 1859	April 9, 1860	Exterior	1 north	5 east	do					
Do	85	do	do	do	1 north	6 east	do					
Do	85	do	do	do	2 north	6 east	do					
Do	85	do	do	do	2 north	7 east	do	}	1	1	....	2
Do	85	do	do	do	2 north	8 east	do					
Do	85	do	do	do	3 north	8 east	do					
Do	85	do	do	Subdivisions	1 north	5 east	do					
Do	85	do	do	do	1 north	6 east	do	}	1	1	1	3
Do	85	do	do	do	2 north	6 east	do					
Do	85	do	do	do	2 north	7 east	do					
Do	85	do	do	do	2 north	8 east	do					
Do	85	do	do	do	3 north	8 east	do	}	1	1	1	3
L. F. Cartee	86	Nov. 16, 1859	July 16, 1860	Exterior	2 north	11 east	do					
Do	86	do	do	do	3 north	11 east	do					
Do	86	do	do	do	2 north	10 east	do					
Do	86	do	do	do	3 north	10 east	do	}	1	1	....	2
Do	86	do	do	Subdivisions	3 north	9 east	do					
Do	86	do	do	do	2 north	9 east	do					
Do	86	do	do	do	2 north	10 east	do					
Do	86	do	do	do	2 north	11 east	do	}	1	1	1	3
Do	86	do	do	do	3 north	9 east	do					
Do	86	do	do	do	3 north	10 east	do					
Do	86	do	do	do	3 north	11 east	do					
Do	86	do	do	do	3 north	11 east	do	}	1	1	1	3
Do	86	do	do	do	3 north	12 east	do					
Daniel S. Herren	87	Nov. 18, 1859	April 25, 1860	Exterior	17 south	7 west	do					
Do	87	do	do	Subdivisions	17 south	7 west	do					
L. F. Cartee	88	May 11, 1860	July 16, 1860	do	1 north	28 east	do	}	1	1	1	3
Do	88	do	do	do	1 north	29 east	do					
Josiah A. Burnett	89	May 12, 1860	Aug. 24, 1860	Exterior	2 south	5 east	do					
Do	89	do	do	do	3 south	5 east	do					
Do	89	do	do	Subdivisions	2 south	5 east	do	}	1	1	....	2
Do	89	do	do	do	3 south	5 east	do					
Do	89	do	do	do	3 south	5 east	do	}	1	1	1	3
Do	89	do	do	do	3 south	5 east	do					

## D.

*Statement of the appropriation and liabilities incurred for public surveys in Oregon for the year ending June 30, 1860.*

Appropriation.....		\$20,000 00
Liabilities incurred, viz :		
Sewall Truax, under contract No. 80.....	\$2,400 00	
D. P. Thompson, under contract No. 81.....	600 00	
Daniel Murphy, under contract No. 82.....	3,985 85	
D. P. Thompson, under contract No. 83.....	3,037 25	
N. H. Gates, under contract No. 84.....	1,877 62	
R. V. Short, under contract No. 85.....	670 48	
L. F. Cartee, under contract No. 86.....	1,827 36	
D. S. Herren, under contract No. 87.....	708 11	
L. F. Cartee, under contract No. 88.....	1,444 96	
J. A. Burnett, under contract No. 89.....	1,678 16	
H. J. C. Averill, under contract No. 90, (estimate).....	120 00	
A. W. Patterson, examiner of contracts No. 81, 82, 83, and 84...	225 50	
Thomas Chapman, examiner of contracts No. 86 and 88.....	406 80	
Surveyor general's traveling and examination account.....	180 00	
Surveyor general's traveling and examination account.....	69 25	
Surveyor general's traveling and examination account.....	59 50	
*J. A. Burnett, examiner of contract No. 79.....	921 25	
Excess of liabilities.....		212 09
Total .....	20,212 09	20,212 09

\* It is thought that this sum should follow the contract and be charged to the deficiency appropriation.

## E.

*Statement of liabilities incurred under appropriation for salary of surveyor general and clerks in his office, and under sums apportioned, &c., for the year ending June 30, 1860.*

1859. Third quarter.	1859. Fourth quarter.	1860. First quarter.	1860. Second quarter.	Total.
\$2,734 78	\$2,932 60	\$3,662 08	\$3,054 39	\$12,383 85

## F.

*Statement of liabilities incurred under appropriation for office rent, fuel, books, &c., for the year ending June 30, 1860.*

1859. Third quarter.	1859. Fourth quarter.	1860. First quarter.	1860. Second quarter.	Total.
\$558 56	\$745 53	\$689 80	\$549 46	\$2,543 35

G.

*Estimate of surveying and office expenses for the fiscal year ending June 30, 1862.*

Compensation of surveyor general and regular clerks in his office.....	\$7,500 00
For transcribing field notes to be transmitted to the Department.....	3,100 00
For recording field notes for preservation at the seat of government.....	3,000 00
For pay of two clerks for recording and indexing field notes of the surveys of private land claims, (under the donation law,) for transmission and preservation at the seat of government, at \$1,500 per annum each.....	3,000 00
For office rent and incidental expenses, pay of messenger, &c.....	3,000 00
For surveying 100 miles of guide meridian, at \$20 per mile.....	2,000 00
For extending 100 miles of base line, at \$25 per mile.....	2,500 00
For extending standard parallels 75 miles, at \$20 per mile	1,500 00
For running 6,000 miles of exterior and subdivisional lines, at \$12 per mile .....	72,000 00

H.

*Statement showing the condition of townships in which the claim surveys have been completed and the maps transmitted.*

Townships in which the private surveys have been completed, plats closed, and transmitted, since August 30, 1859.	No. of surveyed claims.	No. of acres embraced in claims.	No. of acres remaining subject to legal subdivision claims, preemptions, and public purposes.
Township 9 south, range 1 west .....	12	3,590.01	18,964.66
18 south, range 1 west .....	9	1,556.25	6,172.89
19 south, range 1 west .....	27	6,212.07	11,745.09
21 south, range 1 west .....	1	160.59	514.00
9 south, range 2 west .....	28	13,552.04	9,545.72
16 south, range 2 west .....	11	2,722.38	3,199.39
19 south, range 2 west .....	35	8,014.72	15,156.72
36 south, range 2 west .....	33	5,947.79	16,835.82
38 south, range 2 west .....	16	3,053.76	6,551.53
39 south, range 2 west .....	1	31.49	14,875.29
1 south, range 3 west .....	20	7,545.52	15,534.72
5 south, range 3 west .....	39	14,981.81	6,966.19
11 south, range 3 west .....	35	11,570.46	11,254.41
12 south, range 3 west .....	25	6,873.74	16,201.71
14 south, range 3 west .....	16	5,872.86	17,311.52
15 south, range 3 west .....	28	8,772.01	14,257.09
16 south, range 3 west .....	29	9,821.11	13,222.19
17 south, range 3 west .....	47	12,810.34	9,438.95
20 south, range 3 west .....	38	10,725.98	12,311.55
21 south, range 3 west .....	26	5,824.16	17,259.96
38 south, range 3 west .....	7	1,509.77	12,570.04
39 south, range 3 west .....	2	424.58	11,748.05
3 south, range 4 west .....	53	20,933.98	2,201.79

## H—Continued.

Townships in which the private surveys have been completed, plats closed, and transmitted, since August 30, 1859.	No. of surveyed claims.	No. of acres embraced in claims.	No. of acres remaining subject to legal subdivision claims, preëmp-tions, and public pur-poses.
Township 9 south, range 4 west .....	34	13,376.81	9,056.05
10 south, range 4 west .....	35	13,367.03	9,453.32
12 south, range 4 west .....	39	14,431.29	8,145.94
16 south, range 4 west .....	22	7,443.72	15,004.41
17 south, range 4 west .....	22	7,118.95	15,855.39
18 south, range 4 west .....	6	1,940.17	21,518.42
19 south, range 4 west .....	5	1,095.83	22,009.87
20 south, range 4 west .....	12	2,574.74	20,462.82
21 south, range 4 west .....	2	427.18	22,660.17
22 south, range 4 west .....	6	1,762.94	12,195.15
24 south, range 4 west .....	11	2,726.41	12,500.79
27 south, range 4 west .....	17	11,751.74	11,246.04
36 south, range 4 west .....	6	1,205.12	15,228.68
37 south, range 4 west .....	3	274.08	22,834.58
38 south, range 4 west .....	3	522.10	11,045.31
1 south, range 5 west .....	2	782.94	22,289.61
2 south, range 5 west .....	10	4,107.82	18,942.44
3 south, range 5 west .....	18	6,897.20	16,204.71
8 south, range 5 west .....	39	14,705.57	8,345.60
9 south, range 5 west .....	37	17,038.90	5,967.53
10 south, range 5 west .....	21	8,155.29	9,269.57
11 south, range 5 west .....	31	11,924.79	11,097.88
12 south, range 5 west .....	41	16,043.07	6,315.74
15 south, range 5 west .....	8	2,143.62	20,977.83
18 south, range 5 west .....	19	6,620.25	16,939.57
19 south, range 5 west .....	15	3,997.41	19,036.64
20 south, range 5 west .....	14	3,559.69	19,530.16
24 south, range 5 west .....	6	1,772.23	21,273.48
26 south, range 5 west .....	15	5,108.97	17,771.99
27 south, range 5 west .....	15	3,960.90	19,431.21
32 south, range 5 west .....	4	1,010.72	7,190.32
37 south, range 5 west .....	4	395.53	20,188.22
38 south, range 5 west .....	5	715.52	15,958.78
15 south, range 6 west .....	3	687.80	9,533.41
16 south, range 6 west .....	3	756.82	13,671.36
24 south, range 6 west .....	6	1,728.23	11,071.75
27 south, range 6 west .....	26	6,334.08	16,215.52
28 south, range 6 west .....	19	6,007.74	17,068.64
32 south, range 6 west .....	3	587.91	5,227.05
10 south, range 7 west .....	1	140.60	15,946.14
25 south, range 7 west .....	13	2,885.05	8,319.66
36 south, range 7 west .....	2	427.39	8,250.76
39 south, range 7 west .....	1	245.86	7,476.76
22 south, range 8 west .....	22	6,162.11	5,675.54
23 south, range 8 west .....	4	1,238.26	1,687.26
29 south, range 9 west .....	4	524.07	8,433.82
40 south, range 9 west .....	1	17.56	6,862.94
32 south, range 15 west .....	4	1,040.62	10,614.24
33 south, range 15 west .....	1	237.20	2,651.60
3 south, range 1 east .....	21	8,112.60	14,067.35
4 south, range 1 east .....	13	5,164.28	17,934.20
5 south, range 1 east .....	5	1,035.45	22,143.26
8 south, range 1 east .....	16	4,277.10	8,234.68
11 south, range 1 east .....	8	1,513.99	6,880.87
19 south, range 1 east .....	2	314.33	9,759.71
1 north, range 2 east .....	16	6,178.51	11,460.56
3 south, range 2 east .....	20	8,739.72	14,213.20
4 south, range 2 east .....	11	4,138.33	18,874.53
2 south, range 4 east .....	7	1,614.76	21,362.21



No. 13 I.

SURVEYOR GENERAL'S OFFICE,  
*Olympia, Washington Territory, September 20, 1860.*

SIR: In conformity with custom, I proceed to make my annual report of the surveying district under my charge.

Papers marked A, B, and C, and the accompanying maps, all in triplicate, are herewith forwarded, and exhibit the progress and present condition of the field work.

The field work for the past year has been satisfactorily and faithfully performed, and the office work kept fully up with the surveys.

Closings upon the work of former years demonstrate the general accuracy of former surveys, and, with a single exception, the ability and honorable dealing of the gentlemen employed as deputies.

Eleven surveying parties have been employed upon the extension of the public surveys during the past year, and all the work which was reported as under contract at the date of my last annual report, with the exception of four townships, has been finished, and the plats, field notes, and accounts forwarded to your office.

The difficult and tedious work of surveying the private lands claimed under the donation laws has been going steadily on. There are claim surveyors, commissioned and instructed by this office, in all parts of the Territory, to which the public surveys have been extended.

The public surveys executed during the past year include seven townships south of the forty-ninth degree of north latitude, near the northern boundary of the Territory and on the eastern shore of Puget's Sound; seven townships on the eastern shore of the sound, between Bellingham bay and the sixth standard parallel; all the settled lands on the large and fertile island of Whidby; the whole of Camano Island; most of the lands lying between the Olympic range of mountains and the western shores of Puget's Sound that are now settled; also, fertile lands lying upon Chehalis river and Gray's harbor.

Surveys have been commenced in that part of the Territory lying east of the Cascade range of mountains; about 460 miles of guide meridian and standard parallel lines have been run, as preliminary to the subdivision of the country lying upon the Upper Columbia and between the Cascade and Blue mountains and north of the forty-sixth degree of north latitude, or the southern boundary of that part of the Territory.

Three efficient parties of approved surveyors are now at work, under contracts for the subdivision of fourteen townships, in the desirable valleys of the Walla-Walla and Clickatat.

Some six hundred preëmption settlers have taken claims in that region, and emigration from the Atlantic States, now rapidly coming in to that part of the Territory, together with the certainty of good gold-bearing country on the eastern slope of the Cascade mountains, and along the forty-ninth parallel of north latitude, renders it imperative that there should be a large amount of subdivisional surveying in the country east of the Cascades at as early a season as possible.

There will be, at least, one thousand preëmtors upon unsurveyed lands in that region, by the last of November.

I have contracted for the whole of the small appropriation made for this year, and could have employed four or five more surveying parties with signal advantage to the preëmtors, if the amount appropriated had been sufficient.

I beg to reiterate the urgent request of former years, that the department decide upon the vast body of land claimed by the Puget's Sound Agricultural Company. These lands have now upon them some four hundred American settlers, and justice to them requires their title to be settled, as they are making valuable farms, and a flourishing town, Steilacoom, is springing up thereon.

The principal body of land in the claim is prairie, lying south of and adjacent to a fertile but densely-timbered tract, including the valleys of Puyallup, White, Green, and Dwamish rivers. Upon these bottom lands there are two hundred settlers, including many old donation claimants, also the important town of Seattle.

I have long endeavored to contract for the survey of these lands, but the exceeding difficulty of the work, the denseness of the forests, and luxuriance of the undergrowth has prevented any deputy surveyor from encountering the almost certain pecuniary loss he would incur, but could I attach to the contract the prairies now claimed by the Puget's Sound Agricultural Company, it would, as a whole, afford a reasonable compensation.

With regard to the *status* of the Puget's Sound Agricultural Company's lands, I beg to refer you to the report, with accompanying diagrams, &c., which I had the honor to make and forward to your office on the 8th of December, 1859, and which I hereby make a part of this annual report.

In accordance with your orders dated September 29, 1859, I have, to the great satisfaction of the settlers, subdivided the land (about 33,000 acres) claimed by the Hudson's Bay Company, on the lower Columbia, which included the town of Vancouver, Fort Vancouver, and some sixty or seventy donation claims.

Last May, in accordance with your orders, I proceeded to Vancouver to hear and determine some contested land claims, viz: the town site of Vancouver, the military reservation, a donation claim, and that of the Catholic Mission of St. Joseph. I have not been able to make a report as yet, for the reason that some papers, material to the points at issue, have to be obtained from the Catholic Bishop of Quebec, and from the records of the Hudson's Bay Company's Board of Directors in London. By arrangement with the counsel representing the mission, town, and others, I adjourned the further hearing of the testimony until these documents arrive.

I am in communication with Colonel W. W. Chapman, surveyor general of Oregon, relative to the survey and marking of that part of the boundary line between the State of Oregon and this Territory, as provided for by act of the last session of Congress, and have no doubt we will be able to have an efficient astronomical and surveying party upon the work as early in the ensuing spring as the season will permit.

The vast region lying east of the Cascade mountains, including the

fertile valleys of the Bitter Root and St. Mary's is now opened by the Northern Pacific wagon road between the Missouri and the Upper Columbia. I am much indebted to Lieutenant John Mullen, United States Army, the efficient and zealous superintendent of this important work, for much valuable topographical information of this interesting region, which is now filling up with settlers, and has this year been traversed by United States troops, recruits from the Eastern States, who have arrived here *via* the Missouri river.

The maps accompanying this report not only exhibit the progress of the surveys, but compiled as it is from the most authentic sources as a topographical map, forms the most complete map of the Territory yet made. I am under many obligations to the United States Army officers stationed at various points, and commanding the detachments making marches and roads; also, to the Indian service and the north-west boundary surveys, for much valuable and authentic information.

I recommend that several hundred copies of these maps be sent me for distribution here.

I purpose this winter to prepare complete township claim maps, exhibiting the areas of all claims on surveyed townships, and the quantities of public lands made fractional by the township and sectional lines, and the donation claims.

In conclusion, I would offer my acknowledgments to the gentlemen of my office for the efficient and faithful manner in which they have discharged their multifarious duties during the past year.

Very respectfully, your obedient servant,

JAMES TILTON,

*Surveyor General Washington Territory.*

Hon. JOSEPH S. WILSON,  
*Commissioner.*

## A.

Statement showing the condition of contracts which were not closed at the date of last annual report.

Contract.		Name of deputy.	Work embraced in contract.	Remarks.
No.	Date.			
29	April 6, 1858	H. N. Stearns.....	Township 17 north, ranges 7, 8, 9, 10, and 11, west.	Contract closed.
31	.....do.....	H. S. Gill.....	Townships 9 and 10 north, range 10 west; 9, 10, 11, and 12 west, range 11 west; and exteriors of 9 north, ranges 6, 7, 8, and 9 west; and 11 and 12 north, range 10 west.	Contract closed.
35	April 16, 1858	A. C. Smith.....	Guide meridian from fourth standard parallel north, 24 miles north, between ranges 10 and 11 west.	Contract closed.
36	.....do.....	.....do.....	Township 17 north, range 12 west; and 18 north, ranges 7, 8, 9, 10, 11, and 12 west.	Complete and transmitted, except township 18 north, range 8 west
37	April 19, 1858	Lewis Van Vleet and John New-som.	Subdivision of townships 9 and 10 north, ranges 1 and 2 west.	Contract closed.
38	June 9, 1858	A. G. Henry.....	Townships 19 north, ranges 10, 11, 12, and 13 west; and 20 north, 11, 12, and 13 west.	Townships 19 and 20 north, range 11 west, transmitted.
43	April 15, 1859	John Trutch .....	Townships 26, 27, and 28 north, ranges 1 and 2 east; 25, 26, and 27 north, range 1 west; and 25 north, range 2 west.	Contract closed.
44	April 20, 1859	W. H. Carlton.....	Exteriors 26 north, range 5 east; exterior subdivisions of townships 26 north, ranges 3 and 4 east; 31 and 32 north, ranges 2 and 3 east, on Camano island; 30 north, ranges 2 and 3 east, on Whidby and Camano islands.	Contract closed.
45	April 21, 1859	Isaac W. Smith and Jared S. Hurd.	Puget's Sound guide meridian from seventh standard parallel north, by offsets north, to forty-nine degrees north latitude; eighth standard parallel, northwest to Whidby's Island; ninth standard parallel north, 6 miles east and west, across Lummic Island; tenth standard parallel west, across Point Roberts.	Contract closed.

46	.....do.....	Isaac W. Smith and Jared S. Hurd.	Townships 27, 28, and 30 north, range 3 east; 27, 28, 29, and 30 north, range 4 east; 37 north, ranges 2 and 3 east; 38 north, ranges 1, 2, and 3 east; 39 north, ranges 1 east and 1 west; 40 and 41 north, range 1 west; fractional 37 north, range 1 east, and Point Roberts; exteriors of 39 north, range 2 east; 27, 28, 29, and 30 north, range 5 east.	Contract closed. Township 41 north, range 1 west, cannot be surveyed, the "northwest boundary" line not being established
47	April 23, 1859	Lewis Van Vleet and John Newsum.	Townships 1 north, ranges 5, 6, and 7 east; and 2 north, 5 and 7 east.	Contract closed.

## B.

Statement showing the amount, character, and present condition of the public surveys contracted for since the date of the last annual report.

Contract.		Name of deputy.	Surveys embraced in the contract.	Estimate numb'r of miles.	Rate per mile.	Amount of contract.	Remarks.
No.	Date.						
49	1859. December 31	Lewis Van Vleet	Subdivision of townships No. 2 north, range 1 east; the unsurveyed portions of townships 3 north, range 1 east; 2 north, range 2 east; and 2, 3, and 4 north, range 1 west.	100	\$12	\$1,200	Field work completed; partial return made.
50	1860. February 2	H. J. G. Maxon and J. S. Hurd.	The Columbia guide meridian, from township 5 north, between ranges 30 and 31 east, north to Columbia river; first standard parallel west, from guide meridian to west side of Clickatat valley; second standard parallel west, from Columbia guide meridian, west, to Cascade Mountains, and east 60 miles; and third standard parallel, from the same guide meridian east, 60 miles.	414	20	8,280	Contract closed.
51	July 2	H. N. Stearns...	Meanders of Chehalis river, in township 14 north, range, 2 west.	12	12	144	Contract closed.
52	August 29	N. G. Terrill....	Exterior 17 and 18 north, range 4 west; and subdivisions 19, 20, and 21 north, range 4 west.	107	12	2,040	Deputy in the field.
53	September 1	Wm. H. Carlton	Townships 8 north, range 36 east; 7, 8, and 9 north, range 37 east; and 9 north, range 38 east.	320	12	3,840	Deputy in the field.
54	September 3	J. S. Hurd and James Lodge	Townships 7, 8, and 9 north, range 35 east; and 7 and 9 north, range 36 east.	378	12	4,536	Deputy in the field.
55	September 5	Lewis Van Vleet	Townships 3 and 4 north, ranges 15 and 16 east.....	280	12	3,360	Deputy in the field.
56	September 11	Wm. Strong ....	Townships 9 north, ranges 5 and 6 west.....	110	12	1,320	Deputy will commence soon.

C.

*Statement of original plats made, and copies transmitted to the General Land Office and district office, since the date of last annual report.*

Description of plats.	No. of copies.				Where transmitted.
	Original.	General Land Office.	District office.	Total.	
<b>Township—</b>					
No. 10 north, range No. 11 west.....	1	1	1	3	Oct. 19, 1859
9...do..... 2 west.....	1	1	1	3	Nov. 5, 1859
10...do..... 2 west.....	1	1	1	3	Nov. 5, 1859
Puget's Sound guide meridian, from ninth to tenth standard parallels north; ninth standard parallel north, ranges 2 and 3 east, and tenth standard parallel north, ranges 1 and 2 east, and 1, 2 and 3, west. }	1	1	.....	2	Nov. 22, 1859
<b>Township—</b>					
No. 30 north, range No. 2 west.....	1	1	1	3	Dec. 22, 1859
31...do..... 2 west.....	1	1	1	3	Dec. 22, 1859
32...do..... 2 west.....	1	1	1	3	Dec. 22, 1859
26...do..... 3 west.....	1	1	1	3	Dec. 22, 1859
30...do..... 3 west.....	1	1	1	3	Dec. 22, 1859
31...do..... 3 west.....	1	1	1	3	Dec. 22, 1859
32...do..... 3 west.....	1	1	1	3	Dec. 22, 1859
26...do..... 4 west.....	1	1	1	3	Dec. 22, 1859
Exterior lines of township No. 26 north, range No. 5 east.	1	1	.....	2	Dec. 22, 1859
<b>Township—</b>					
No. 17 north, range No. 12 west.....	1	1	1	3	Jan. 5, 1860
18...do..... 12 west.....	1	1	1	3	Jan. 5, 1860
18...do..... 10 west.....	1	1	1	3	Jan. 5, 1860
Coast guide meridian, from fourth to fifth standard parallels north.....	1	1	.....	2	Jan. 5, 1860
<b>Township—</b>					
No. 19 north, range No. 11 west.....	1	1	1	3	Jan. 4, 1860
20...do..... 11 west.....	1	1	1	3	Jan. 4, 1860
37...do... 2 east.....	1	1	1	3	Feb. 21, 1860
38...do..... 2 east.....	1	1	1	3	Feb. 21, 1860
37...do..... 1 east.....	1	1	1	3	Feb. 21, 1860
38...do..... 1 east.....	1	1	1	3	Feb. 21, 1860
39...do... 1 east.....	1	1	1	3	Feb. 21, 1860
30...do..... 3 east.....	1	1	1	3	Feb. 21, 1860
38...do..... 3 east.....	1	1	1	3	Feb. 21, 1860
27...do..... 4 east.....	1	1	1	3	Feb. 21, 1860
29...do..... 1 west.....	1	1	1	3	Feb. 21, 1860
40...do..... 1 west.....	1	1	1	3	Feb. 21, 1860
40...do..... 3 west.....	1	1	1	3	Feb. 21, 1860
Exterior lines—					
Township No. 39 north, range No. 2 east.....	1	1	.....	2	Feb. 21, 1860
27, 28, 29 and 30, north, range 5 east....	1	1	.....	2	Feb. 21, 1860
11 and 12 north, range 10 west.....	1	1	.....	2	Feb. 23, 1860
<b>Township—</b>					
No. 1 north, range No. 5 east.....	1	1	1	3	Apr. 16, 1860
2...do..... 5 east.....	1	1	1	3	Apr. 16, 1860
1...do..... 6 east.....	1	1	1	3	Apr. 16, 1860
2...do..... 6 east.....	1	1	1	3	Apr. 16, 1860

## C.—Continued.

Description of plats.	No. of copies.				Where transmitted.
	Original.	General Land Office.	District office.	Total.	
Township—					
No. 2 north, range No. 7 east.....	1	1	1	3	Apr. 16, 1860
25...do..... 1 west.....	1	1	1	3	May 5, 1860
26...do..... 1 west.....	1	1	1	3	May 5, 1860
27...do..... 1 west.....	1	1	1	3	May 5, 1860
25...do..... 2 west.....	1	1	1	3	May 5, 1860
26...do..... 1 east.....	1	1	1	3	May 5, 1860
27...do..... 1 east.....	1	1	1	3	May 5, 1860
28...do..... 1 east.....	1	1	1	3	May 5, 1860
26...do..... 2 east.....	1	1	1	3	May 5, 1860
27...do..... 2 east.....	1	1	1	3	May 5, 1860
28...do..... 2 east.....	1	1	1	3	May 5, 1860
26...do..... 3 east.....	1	1	1	3	May 5, 1860
18...do..... 7 west.....	1	1	1	3	May 24, 1860
18...do..... 9 west.....	1	1	1	3	May 24, 1860
18...do..... 11 west.....	1	1	1	3	May 24, 1860
27...do..... 3 east.....	1	1	1	3	June 18, 1860
28...do..... 4 east.....	1	1	1	3	June 18, 1860
Columbia guide meridian.....	1	1	.....	2	July 7, 1860
Second standard parallel east, from ranges 14 to 30, inclusive.....	1	1	.....	2	July 7, 1860
Township—					
No. 17 north, range No. 9 west.....	1	1	1	3	July 22, 1860
17...do..... 10 west.....	1	1	1	3	July 22, 1860
17...do..... 11 west.....	1	1	1	3	July 22, 1860
Meanders of Chehalis river, township 14 north, 2 west....	1	1	1	3	Aug. 21, 1860
First standard parallel north, ranges 12 to 30 east, inclusive	1	1	.....	2	Aug. 24, 1860
Second standard parallel north, ranges 31 to 39 east, inclusive.....	1	1	.....	2	Aug. 24, 1860
Third standard parallel north, ranges 31 to 40 east, inclusive.....	1	1	.....	2	Aug. 24, 1860
Township—					
No. 17 north, range No. 7 west.....	1	1	1	3	Sept. 10, 1860
17 do..... 8 west.....	1	1	1	3	Sept. 10, 1860



## D.

*Estimate of expenses incident to the survey of the public lands in the Territory of Washington, for the fiscal year ending June 30, 1862.*

For salary of surveyor general.....	\$3,000
For salary of chief clerk.....	2,200
For salary of draughtsman.....	1,800
For compensation of clerks to be employed according to the exigencies of the public service, and for transcribing field notes of the public surveys for preservation at seat of government, platting and recording field notes of private land claims, &c.....	4,000
For rent of office, wages of messenger, purchase and repairs of instruments, fuel, books, stationery, and other incidental expenses.....	3,000
For 300 miles meridian and standard parallel lines, at \$20 per mile.....	6,000
For 4,000 miles township and subdivisional lines, at \$12 per mile.....	48,000

JAMES TILTON,  
*Surveyor General Washington Territory.*

SURVEYOR GENERAL'S OFFICE,  
*Olympia, W. T., September 20, 1860.*

Resolved, that the Board of Directors of the Bank of America, New York and San Francisco, do hereby certify that the following is a true and correct copy of the report of the Board of Directors for the year ending December 31, 1900.

Assets	\$100,000,000
Liabilities	90,000,000
Surplus	10,000,000
Total	\$100,000,000

JAMES H. HAY

President of the Bank of America, New York and San Francisco

Wm. A. Rorer, Secretary

The Board of Directors of the Bank of America, New York and San Francisco, do hereby certify that the following is a true and correct copy of the report of the Board of Directors for the year ending December 31, 1900.

The assets of the bank at the close of the year were \$100,000,000, and the liabilities were \$90,000,000, leaving a surplus of \$10,000,000. The assets consisted of cash, United States bonds, and other securities. The liabilities consisted of deposits, notes, and other obligations. The surplus consisted of undivided profits and other funds.

The income of the bank for the year was \$1,000,000, and the expenses were \$500,000, leaving a net income of \$500,000. The net income was divided among the shareholders as follows:

Common stock	\$1,000,000
Preferred stock	500,000
Reserve fund	500,000
Total	\$2,000,000

The Board of Directors has recommended that the net income be divided as follows:

Common stock	\$1,000,000
Preferred stock	500,000
Reserve fund	500,000
Total	\$2,000,000

The Board of Directors has also recommended that the reserve fund be increased by \$500,000.