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WAR DEPARTMENT

Annual Reports, 1916

(IN THREE VOLUMES)

Volume I

Reports of

THE SECRETARY OF WAR
THE CHIEF OF STAFF
THE ADJUTANT GENERAL
THE INSPECTOR GENERAL
THE JUDGE ADVOCATE GENERAL
THE QUARTERMASTER GENERAL
THE SURGEON GENERAL
THE CHIEF OF ORDNANCE
THE CHIEF SIGNAL OFFICER
THE CHIEF OF MILITIA BUREAU
THE CHIEF OF COAST ARTILLERY
THE SUPERINTENDENT MILITARY ACADEMY
THE CHICKAMAUGA AND CHATTANOOGA
PARK COMMISSION
THE GETTYSBURG PARK COMMISSION
THE SHILOH PARK COMMISSION
THE VICKSBURG PARK COMMISSION



WASHINGTON
GOVERNMENT PRINTING OFFICE
1916

the fol-

which apportioned, and the unapportioned balances at the close of the fiscal year.

Construction of buildings.—The buildings constructed or contracted for from funds of the fiscal year 1916, the cost of the various items or work, and the appropriations to which the cost has been charged, with the exception of work in the Philippine Islands, are set forth in the general construction statement forming part of this report and attached (Exhibit No. 9).

The more important projects authorized from funds of the past fiscal year were:

The construction of an annex to hospital, a hospital ward, the remodeling of kitchens, and barracks, and the erection and enlarging of stables at Fort Bliss, Tex.

The construction of one field officer's quarters, three company officers' quarters, six noncommissioned officers' quarters, two barracks, guardhouse, dispensary, and administration building at Fort Dr. Russy, Hawaii.

Two double sets noncommissioned officers' quarters at Fort Douglas, Utah.

The remodeling of four frame barracks, construction of administration building—two double captains' quarters, four double stable guard and shop buildings, and, Quartermaster Corps barracks at Fort Huachuca, Ariz.

Erection of band barracks, post exchange and amusement hall, storehouse, administration building, guardhouse, bakery, dispensary, 4 Coast Artillery barracks, 2 field officers' quarters, 12 line officers' quarters, 1 staff officers' quarters, 8 noncommissioned officers' quarters, bachelor officers' mess building, 2 single noncommissioned officers' quarters, 6-set noncommissioned officers' quarters, ordnance repair shop, wagon shed, and miscellaneous construction work, such as corral, grading, wharf, lighting system, sewer system, roads, tennis courts, etc., at Fort Kamehameha, Hawaii.

One set noncommissioned officers' quarters and continuance of the construction of United States Disciplinary Barracks, including cement and sand, at Fort Leavenworth, Kans.

Construction of dormitory, addition B. Nurse Corps, concrete building to replace ward J, medical and surgical dispensary, including elevator, at the Letterman General Hospital, Cal.

Changing hospital into barracks and finishing four-set officers' quarters at Fort McDowell, Cal.

Construction of one double set noncommissioned officers' quarters at Madison Barracks, N. Y.

Continuing the construction of 10-company Coast Artillery post, including sheet iron and building supplies at Fort Mills, P. I.

Remodeling, etc., of additions to buildings, east and west cantonments, four field officers' quarters, eight double sets officers' quarters, including grading, at the Presidio of San Francisco, Cal.

Erection of a hay shed at Reno Remount Depot, Okla.

Galvanized-iron storehouse, finishing post chapel, construction of surgical pavilion, 12 Cavalry stables, central heating plant for hospital buildings, Hospital Corps dormitory, and department laboratory at Fort Sam Houston, Tex.

Additional Infantry battalion barracks, restoration of Infantry and Cavalry barracks damaged by storm, changing hospital ward into prison ward, and enlarging guardhouse at Schofield Barracks, Hawaii.

Two double noncommissioned officers' quarters at Fort Sill, Okla.

Four bachelor officers' quarters at Fort Stevens, Oreg.

One double set officers' quarters at Fort Terry, N. Y.

Completion of the basement ward B at the Walter Reed General Hospital, Washington, D. C.

Also officers' quarters at Culebra, C. Z., were moved to a safe location on account of slides, and buildings 3, 9, 12, and 29 at Camp Gaillard, O. Z., were reconstructed and relocated.

Shooting galleries and ranges.—The Army appropriation act, under heading of "Shooting galleries and ranges," covers the following:

For shelter, shooting galleries, ranges for small-arms practice, repairs, and expenses incident thereto, including flour or paste for marking targets, hire of employees, such ranges and galleries to be open, as far as practicable, to the National Guard and organized rifle clubs under regulations to be prescribed by the Secretary of War, \$46,000.

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75,047.70
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33,334.75
71,668.17
10,229.71
3,330.23
167,999.00
18,565.99
30,471.55
227,635.57
14,304.55
23,813.57
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399.66	
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17.43	
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3,519.72	
\$500.00	
650.00	
139.60	
1,724.00	

El Paso, camp at, Texas:*	
Assembly hall, Sixteenth Infantry.....	\$401.00
Material for amusement hall, Sixth Infantry.....	506.00
Eagle Pass, Camp, Tex., material for recreation building*.....	377.80
Barrancas, Fort, Florida, amusement pavilion, wood.....	2,445.00
Total.....	3,728.40

* Mexican border.

Roads and walks.—Some of the more important projects of this character undertaken during the year are the following:

Front Royal, Va., construction of roads.....	\$3,000.00
Fort Huachuca, Ariz., construction of roads.....	3,000.00
Fort Kamehameha, Hawaii, construction of roads.....	14,000.00
Letterman General Hospital, California, construction of roads.....	2,697.50
Fort Mason, Cal., paving around storehouses, etc.....	1,500.00
Presidio of San Francisco, Cal., construction of roads.....	7,841.64
Fort Riley, Kans., construction of roads.....	3,318.00
Fort Sam Houston, Tex., roads and walks for the aviation post.....	9,965.00
Schofield Barracks, Hawaii, roads and walks and road roller.....	13,350.00
Panama Canal, maintenance and reconstruction of roads within limits of military reservation.....	10,000.00
Fort Huachuca, Ariz., construction of walks.....	3,000.00
Key West Barracks, Fla., construction of walks.....	1,700.00
Fort McPherson, Ga., walk along reservation.....	1,803.76
Vancouver Barracks, Wash., construction of walks.....	4,582.08

Wharves.—At Fort Baker, Cal., a section of a new reinforced concrete wharf was constructed at a cost of \$12,900. The remainder of the work was authorized from funds of the following (1917) fiscal year.

At many of the posts the wharves were extended or reconstructed, some of the more important projects being:

Fort Casey, Wash., reconstruction.....	\$3,497.80
Fort Constitution, addition to wharf.....	2,423.50
Fort DeSoto, reconstruction of wharf.....	2,300.00
Jackson Barracks, La., reconstruction of wharf and approach thereto, damaged by hurricane.....	5,375.00
Fort Moultrie, S. C., launching ways for mine boats.....	847.00
Governor's Island, N. Y., construction of wharf and ferry slip.....	10,557.00

Drainage:

Fort Huachuca, Ariz., construction of drainage system.....	2,000.00
Fort Sam Houston, Tex., drainage of quadrangle.....	2,568.80
Fort Shafter, Hawaii, drainage of rice fields.....	2,856.00

Dredging:

Fort Screven, Ga., dredging around quartermaster wharf.....	2,500.00
West Point, N. Y., dredging around south dock.....	2,684.00

Improvement of grounds, Fort Sam Houston, Tex.:

The most important work under this account was clearing and grubbing land for aero squadron..... 2,400.00

Railroad equipment, Fort Gibbon, Alaska:

The only purchase under this account for the year was 3 tram cars, at a cost of..... 180.00

Water-supply systems:

Fort Bliss, Tex.; there was constructed during the year a new pumping plant, cost of which was as follows:	
Building.....	\$5,600.00
Plumbing.....	800.00
Lighting.....	300.00
Water-pipe line.....	2,400.00
Electrical equipment.....	21,461.00
	30,501.00
Fort Logan, Colo., a new pumping plant was also built and equipped at a cost of.....	4,525.00

* Payable from "Seacoast defenses, Philippine Islands and Hawaii."

Some of the more important projects undertaken during the year were:

Fort Mason, Cal., fire-protection system.....	\$1,981.75
Fort Mills, P. I., two air compressors, centrifugal pump, air receivers, etc.	9,902.00
Fort Sam Houston, Tex., pump house, tanks, etc., for aviation grounds..	5,330.75
Schofield Barracks, Hawaii, completing the water-supply system.....	31,320.00
<i>Water-distributing systems:</i>	
Fort Huachuca, Ariz., water and sewer systems for new building.....	19,000.00
Fort Sam Houston, Tex., water-distributing system for aviation post..	4,970.00
<i>Sewer systems:</i>	
Fort Miley, Cal., connecting post with city sewer.....	1,445.00
Fort Sam Houston, Tex., sewer system for aviation post.....	7,392.00
Fort Sill, Okla., sewer for school of fire building.....	1,875.00

Purchase of land, revocable licenses, leases, etc.—Particular attention has been given to leases of Government property under the control of the Quartermaster Corps, in order that the greatest benefit might be derived therefrom. The Secretary of War has authority under the law to lease property not required for immediate military use, for a period not exceeding five years, and revocable at any time. Whenever practicable such leases are entered into after public advertisement and award made to the highest bidder. Oftentimes the grounds, buildings, etc., are kept in repair, etc., by the lessee, as a condition of the lease, and the land, too, is thereby kept from weeds and generally turned back to the Government, after having been cultivated for a period of time, in a much better condition than it would have been had it been allowed to remain unused. Although the funds derived from the rental thereof are not recredited and made available for military expenditure, they are, however, deposited to the credit of the Treasurer of the United States as miscellaneous receipts and indirectly operate to lowering the cost of the Military Establishment.

During the past fiscal year this office recommended, and the recommendation was approved by the Secretary of War, that hereafter leases of Government property to others be executed in quintuplicate, one copy to be furnished the lessee, one copy filed with the records of the post concerned, one copy returned for file in the office of the Judge Advocate General, as required by law, one copy sent to the Auditor for the War Department, and the remaining copy furnished for the information of this office. The point raised by this office was that heretofore there had been no complete and adequate check upon the receipts collected from the lease of such property, or of any moneys received from licenses, and it is believed that the plan adopted will eliminate that objection.

The amounts expended for the purchase of land, etc., and a statement of changes in military reservations, also a list of revocable licenses granted during the year, as far as shown by the records of the Quartermaster General's office, will be found in Exhibits Nos. 10 and 11.

Front Royal, Va.—Vouchers were prepared in October, 1915, and payments made to Mrs. Alma Jackson and R. H. Jackson, in the sum of \$1,042.19, for the acquisition of 108 acres and 120 square poles; and to Miss Lucy E. Barbee, in the sum of \$1,068.13 for 85 acres and 20 square poles. This completed the purchase of the land authorized by Army act of March 3, 1911. (See p. 35 of the annual report for 1915 for details.)

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First Field Artillery.....	41	889	39	883
Second Field Artillery.....	37	885	40	868
Third Field Artillery.....	40	955	39	901
Fourth Field Artillery.....	38	904	39	931	.....
Fifth Field Artillery.....	40	1,031	40	1,024	.....
Sixth Field Artillery.....	39	1,000	39	958	.....
Additional officers ²	1	.....	1	.....	.....
Detached officers ²	15	.....	15	.....	.....
Unassigned.....	11	.....	5	.....	.....
Total.....	262	5,664	257	5,627	.....
Coast Artillery Corps⁴.....	728	19,185	739	18,273	.....
First Infantry.....	48	1,904	49	1,511	.....
Second Infantry.....	47	1,502	47	1,400	.....
Third Infantry.....	47	887	47	844	.....
Fourth Infantry.....	47	956	47	1,050	.....
Fifth Infantry.....	48	1,736	49	1,570	.....
Sixth Infantry.....	47	850	46	871	.....
Seventh Infantry.....	40	927	48	1,077	.....
Eighth Infantry.....	47	1,815	50	1,703	.....
Ninth Infantry.....	48	851	47	878	.....
Tenth Infantry.....	48	1,744	50	1,567	.....
Eleventh Infantry.....	46	886	46	775	.....
Twelfth Infantry.....	46	856	46	846	.....
Thirteenth Infantry.....	48	1,835	50	1,720	.....
Fourteenth Infantry.....	47	1,109	47	1,087	.....
Fifteenth Infantry.....	47	1,823	50	1,735	.....
Sixteenth Infantry.....	46	918	47	877	.....
Seventeenth Infantry.....	46	886	46	873	.....
Eighteenth Infantry.....	46	922	45	1,037	.....
Nineteenth Infantry.....	46	820	46	876	.....
Twentieth Infantry.....	45	894	47	835	.....
Twenty-first Infantry.....	44	858	48	866	.....
Twenty-second Infantry.....	47	928	47	937	.....
Twenty-third Infantry.....	48	859	46	909	.....
Twenty-fourth Infantry.....	44	1,849	47	1,646	.....
Twenty-fifth Infantry.....	49	1,808	48	1,771	.....
Twenty-sixth Infantry.....	45	922	46	835	.....
Twenty-seventh Infantry.....	43	918	50	875	.....
Twenty-eighth Infantry.....	46	937	46	842	.....
Twenty-ninth Infantry.....	49	1,177	50	1,031	.....
Thirtieth Infantry.....	49	949	48	850	.....
Porto Rico Regiment of Infantry.....	31	586	30	593	.....
Additional officers ²	12	.....	12	.....	.....
Detached officers ²	94	.....	94	.....	.....
Unassigned.....	67	.....	45	.....	.....
Total.....	1,604	36,123	1,607	34,313	1
West Point detachments.....	.....	623	.....	603	.....
Indian scouts.....	.....	24	.....	39	.....
Casuals and recruits at depots and en route.....	.....	6,656	.....	8,798	.....
Total.....	.....	7,303	.....	9,440	.....
Total, Regular Army.....	4,616	95,765	4,843	97,013	3
Philippine Scouts.....	182	5,430	182	5,603	.....
Aggregate.....	4,798	101,195	5,025	102,616	3

¹ Includes the strength and losses of the enlisted men of the Medical Department is not to be included in the effective strength of the Army, nor of June 3, 1916.)

² Additional officers under the act of Congress approved Mar. 3, 1911. (3

A.—TABLE SHOWING THE STRENGTH OF THE ARMY C

ORGANIZATIONS.	STRENGTH JUNE 30, 1915.		STRENGTH JUNE 30, 1916.		
	Officers.	Enlisted men.	Officers.	Enlisted men.	Retired.
General officers.....	25		24		2
General Staff Corps.....			32		
Adjutant General's Department.....	23		23		1
Inspector General's Department.....	17		17		
Judge Advocate General's Department.....	12		13		
Quartermaster Corps.....	185	4,792	258	5,492	4
Medical Corps ¹	422	3,993	443	4,670	1
Medical Reserve Corps.....	97		154		
Dental Surgeons.....	34		38		
Corps of Engineers.....	207	1,948	228	1,826	2
Ordnance Department.....	85	740	83	710	1
Signal Corps.....	63	1,371	71	1,472	
Bureau of Insular Affairs.....	3		3		
Chaplains.....	64		64		1
Professors.....	7		7		
Total.....	1,244	12,844	1,458	14,200	12
First Cavalry.....	47	950	48	978	
Second Cavalry.....	44	985	45	1,024	1
Third Cavalry.....	48	1,000	49	1,190	
Fourth Cavalry.....	50	977	49	847	
Fifth Cavalry.....	46	1,049	48	1,014	
Sixth Cavalry.....	46	952	45	957	
Seventh Cavalry.....	49	960	49	961	
Eighth Cavalry.....	48	960	47	1,194	1
Ninth Cavalry.....	46	1,038	49	940	
Tenth Cavalry.....	47	968	39	976	
Eleventh Cavalry.....	44	1,001	46	984	
Twelfth Cavalry.....	46	936	46	945	1
Thirteenth Cavalry.....	47	963	45	980	1
Fourteenth Cavalry.....	43	919	47	1,217	
Fifteenth Cavalry.....	47	988	50	953	
Additional officers ²	12		13		
Detached officers ³	47		47		
Unassigned.....	21		20		5
Total.....	778	14,636	782	15,160	9
First Field Artillery.....	41	889	39	883	
Second Field Artillery.....	37	885	40	865	
Third Field Artillery.....	40	955	39	901	
	38	904	39	994	