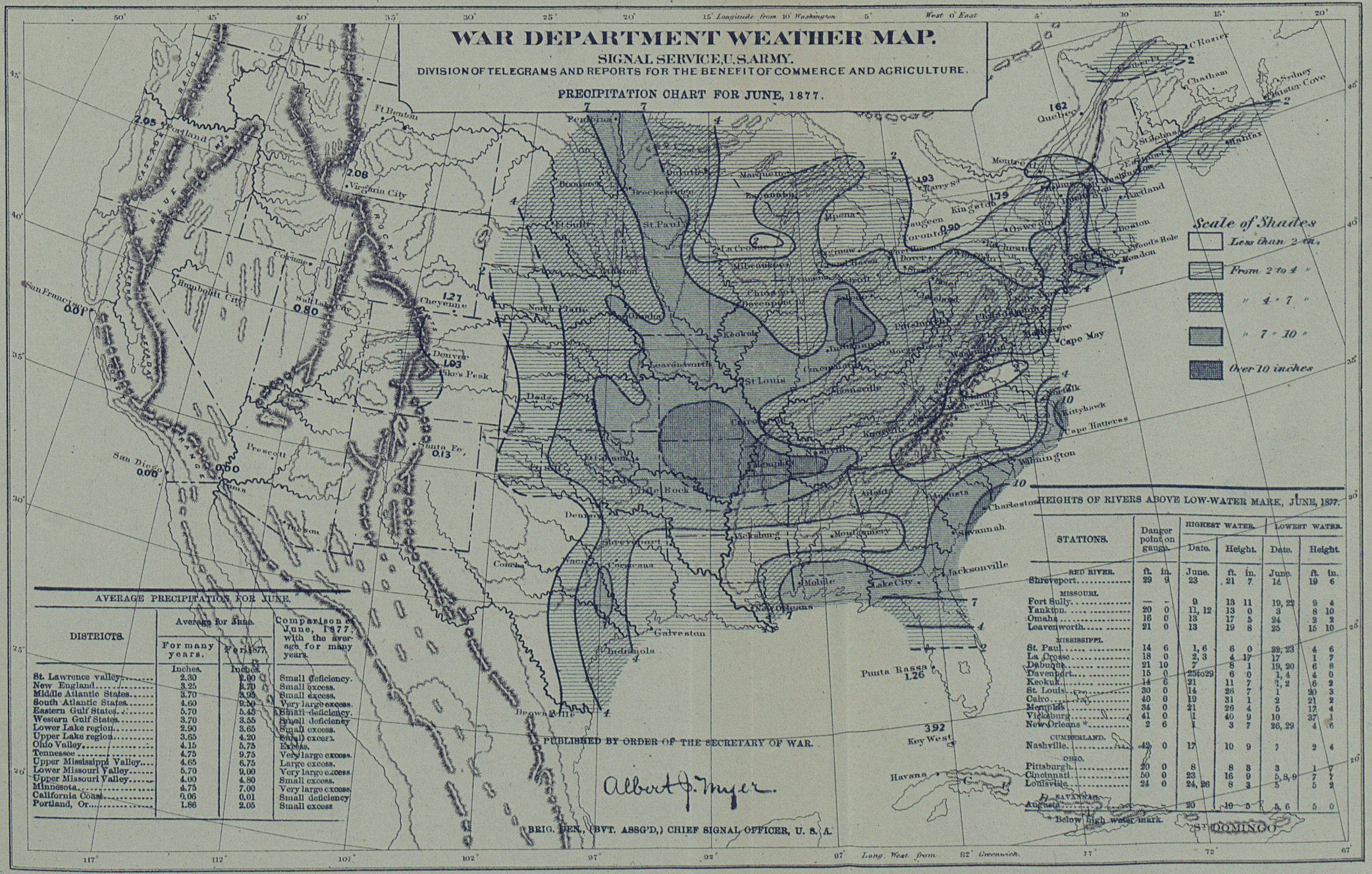
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

PRECIPITATION CHART FOR JUNE, 1877.



AVERAGE PRECIPITATION FOR JUNE.

DISTRICTS.	Average for June. For many years.	Average for June. For 1877.	Comparison of June, 1877, with the average for many years.
	Inches.	Inches.	
St. Lawrence valley	2.30	1.00	Small deficiency.
New England	3.25	3.70	Small excess.
Middle Atlantic States	3.70	4.95	Small excess.
South Atlantic States	4.60	9.30	Very large excess.
Eastern Gulf States	5.70	5.45	Small deficiency.
Western Gulf States	3.70	3.55	Small deficiency
Lower Lake region	2.90	3.65	Small excess.
Upper Lake region	3.65	4.20	Small excess.
Ohio Valley	4.15	5.75	Excess.
Tennessee	4.75	9.75	Very large excess.
Upper Mississippi Valley	4.65	6.75	Large excess.
Lower Missouri Valley	5.70	9.00	Very large excess.
Upper Missouri Valley	4.00	4.80	Small excess.
Minnesota	4.75	7.00	Very large excess.
California Coast	0.06	0.01	Small deficiency
Portland, Or	1.86	2.05	Small excess

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Albert J. Myer.

(BRIG. GEN., (BVT. ASSG'D,) CHIEF SIGNAL OFFICER, U. S. A.

HEIGHTS OF RIVERS ABOVE LOW-WATER MARK, JUNE, 1877.

STATIONS.	Danger point on gauge.	HIGHEST WATER. Date.	HIGHEST WATER. Height.	LOWEST WATER. Date.	LOWEST WATER. Height.
	ft. in.	June.	ft. in.	June.	ft. in.
RED RIVER.					
Shreveport	29 9	23	21 7	14	19 6
MISSOURI.					
Fort Sully	— —	9	13 11	19, 22	9 4
Yankton	20 0	11, 12	13 0	3	8 10
Omaha	16 0	13	17 5	24	2 2
Leavenworth	21 0	13	19 8	25	15 10
MISSISSIPPI.					
St. Paul	14 6	1, 6	6 0	22, 23	4 6
La Crosse	18 0	2, 3	4 17	17	1 7
Dubuque	21 10	7	8 1	19, 20	6 8
Davenport	15 0	25 to 29	6 0	1, 4	4 0
Keokuk	14 6	21	11 7	1, 2	6 2
St. Louis	30 0	14	26 7	1	20 3
Cairo	40 0	19	31 1	2	21 2
Memphis	34 0	21	26 4	5	17 4
Vicksburg	41 0	1	40 9	10	37 1
New Orleans *	2 6	1	3 7	26, 29	4 6
CUMBERLAND.					
Nashville	42 0	17	10 9	7	2 4
OHIO.					
Pittsburgh	20 0	8	8 3	3	1 7
Cincinnati	50 0	23	16 9	5, 8, 9	7 7
Louisville	24 0	24, 26	8 3	5	5 2
SAVANNAH.					
Augusta		20	19 5	5, 6	5 0

* Below high water mark.