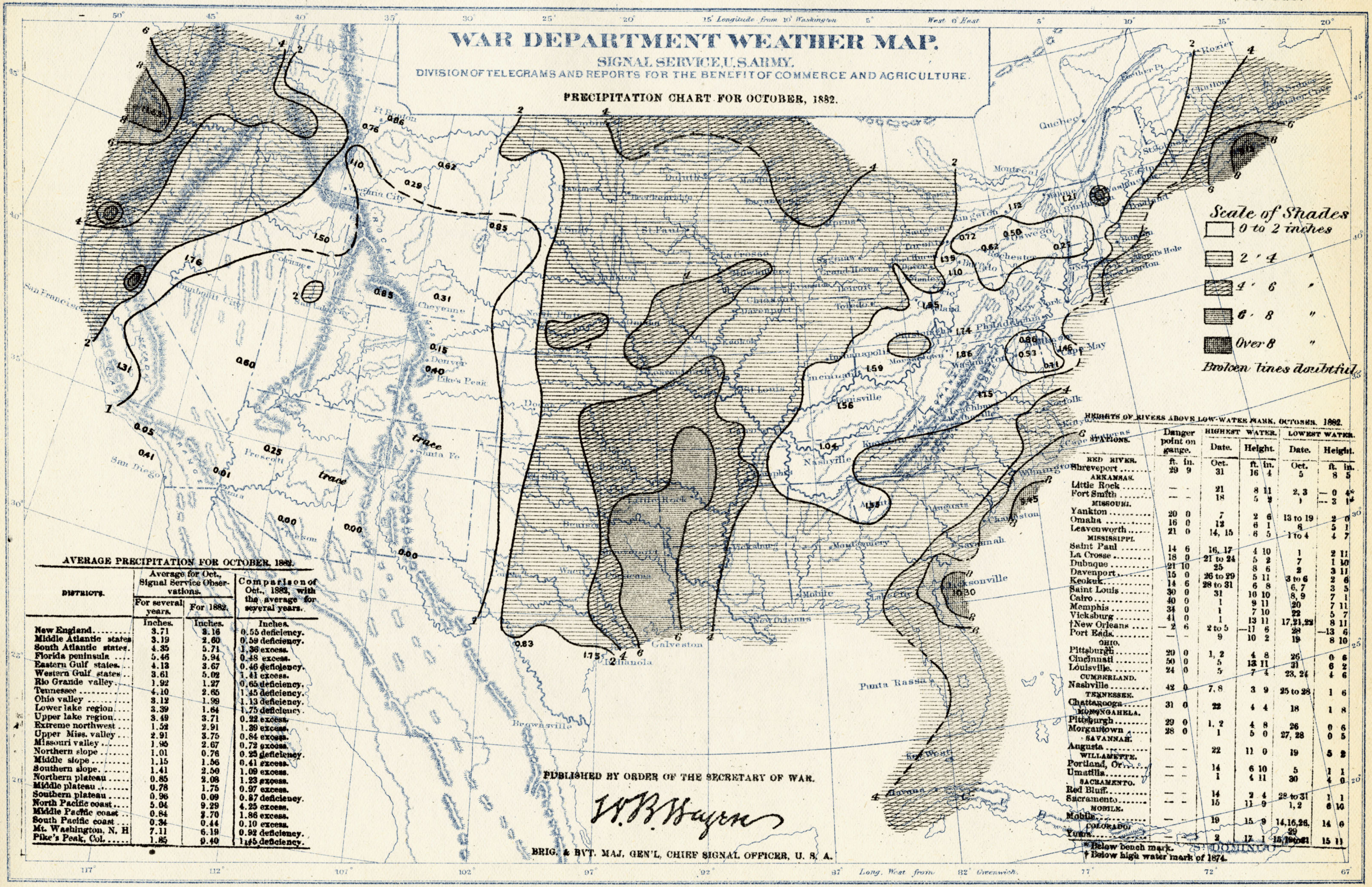
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

PRECIPITATION CHART FOR OCTOBER, 1882.



AVERAGE PRECIPITATION FOR OCTOBER, 1882.

DISTRICTS.	Average for Oct., Signal Service Observations. For several years.	For 1882.	Comparison of Oct., 1882, with the average for several years.
	Inches.	Inches.	Inches.
New England	3.71	3.16	0.55 deficiency.
Middle Atlantic states	3.19	2.60	0.59 deficiency.
South Atlantic states	4.35	5.71	1.36 excess.
Florida peninsula	5.46	5.94	0.48 excess.
Eastern Gulf states	4.13	3.67	0.46 deficiency.
Western Gulf states	3.61	5.02	1.41 excess.
Rio Grande valley	1.92	1.27	0.65 deficiency.
Tennessee	4.10	2.65	1.45 deficiency.
Ohio valley	3.12	1.99	1.13 deficiency.
Lower lake region	3.39	1.64	1.75 deficiency.
Upper lake region	3.49	3.71	0.22 excess.
Extreme northwest	1.52	2.91	1.39 excess.
Upper Miss. valley	2.91	3.75	0.84 excess.
Missouri valley	1.95	2.67	0.72 excess.
Northern slope	1.01	0.76	0.25 deficiency.
Middle slope	1.15	1.56	0.41 excess.
Southern slope	1.41	2.50	1.09 excess.
Northern plateau	0.85	2.08	1.23 excess.
Middle plateau	0.78	1.75	0.97 excess.
Southern plateau	0.96	0.09	0.87 deficiency.
North Pacific coast	5.04	9.29	4.25 excess.
Middle Pacific coast	0.84	2.70	1.86 excess.
South Pacific coast	0.34	0.44	0.10 excess.
Mt. Washington, N. H	7.11	6.19	0.92 deficiency.
Pike's Peak, Col.	1.85	0.40	1.45 deficiency.

HEIGHTS OF RIVERS ABOVE LOW-WATER MARK, OCTOBER, 1882.

STATIONS.	Danger point on gauge.	Highest Water. Date.	Highest Water. Height.	Lowest Water. Date.	Lowest Water. Height.
	ft. in.	Oct.	ft. in.	Oct.	ft. in.
RED RIVER.					
Shreveport	29 9	31	16 4	5	8 5
ARKANSAS.					
Little Rock	— -	21	8 11	2, 3	— 0 4*
Fort Smith	— -	18	5 2	1	— 3 1*
MISSOURI.					
Yankton	20 0	7	2 6	13 to 19	2 0
Omaha	16 0	12	6 1	8	5 1
Leavenworth	21 0	14, 15	6 5	1 to 4	4 7
MISSISSIPPI.					
Saint Paul	14 6	16, 17	4 10	1	2 11
La Crosse	18 0	21 to 24	5 2	7	1 10
Dubuque	21 10	25	8 6	2	3 11
Davenport	15 0	26 to 29	5 11	3 to 6	2 6
Keokuk	14 6	28 to 31	6 8	6, 7	3 5
Saint Louis	30 0	31	10 10	8, 9	7 1
Cairo	40 0	1	9 11	20	7 11
Memphis	34 0	1	7 10	22	5 7
Vicksburg	41 0	1	13 11	17, 21, 22	8 11
†New Orleans	— 2 6	2 to 5	—11 6	28	—13 6
Port Eads	— -	9	10 2	19	8 10
OHIO.					
Pittsburgh	20 0	1, 2	4 8	26	0 6
Cincinnati	50 0	5	13 11	31	6 2
Louisville	24 0	5	7 4	23, 24	4 6
CUMBERLAND.					
Nashville	42 0	7, 8	3 9	25 to 28	1 6
TENNESSEE.					
Chattanooga	31 0	22	4 4	18	1 8
MONONGAHELA.					
Pittsburgh	29 0	1, 2	4 8	26	0 6
Morgantown	28 0	1	5 0	27, 28	0 5
SAVANNAH.					
Augusta	— -	22	11 0	19	5 2
WILLAMETTE.					
Portland, Or.	— -	14	6 10	5	1 1
Umatilla	— -	1	4 11	30	4 0
SACRAMENTO.					
Red Bluff	— -	14	2 4	28 to 31	1 1
Sacramento	— -	15	11 9	1, 2	6 10
MOBILE.					
Mobile	— -	19	15 9	14, 16, 26, 29	14 0
COLORADO.					
Yuma	— -	2	17 1	15, 18 to 31	15 11

* Below bench mark.
† Below high water mark of 1874.

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