WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

PRECIPITATION CHART FOR APRIL, 1877.

AVERAGE PRECIPITATION FOR APRIL.

DISTRICTS.	Average for April. For many years.	Average for April. For 1877.	Comparison of April, 1877, with the average for many years.
	Inches.	Inches.	
St. Lawrence valley	2.15	2.40	Small excess.
New England	3.70	3.25	Small deficiency.
Middle Atlantic States	3.75	4.50	Small excess.
South Atlantic States	2.35	3.00	Very large excess
Eastern Gulf States	4.50	7.00	Large excess.
Western Gulf States	3.90	5.75	Large excess.
Lower Lake region	2.75	2.30	Small deficiency.
Upper Lake region	2.05	2.35	Small excess.
Ohio Valley	4.35	3.50	Small deficiency.
Tennessee	5.00	10.75	Very large excess
Upper Mississippi Valley	3.00	3.25	Small excess.
Lower Missouri Valley	3.20	5.40	Large excess.
Upper Missouri Valley	2.30	3.65	Large excess.
Minnesota	1.40	1.45	Normal.
San Diego, Cal.	0.67	0.26	Deficiency.
San Francisco, Cal.	1.80	0.26	Deficiency.
Portland, Or.	2.50	2.44	Normal.

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

STATIONS.	Danger point on gauge.		Highest water. Date.	Highest water. Height.		Lowest water. Date.	Lowest water. Height.	
	ft.	in.	April.	ft.	in.	April.	ft.	in.
RED RIVER.								
Shreveport	29	9	30	25	11	1	14	10
MISSOURI.								
Fort Sully	—	-	17	8	6	30	6	0
Yankton	20	0	5	10	10	30	5	1
Omaha	16	0	7	16	1	2	7	2
Leavenworth	21	0	8	15	2	1	8	8
MISSISSIPPI.								
St. Paul	14	6	21 to 23	7	0	1	4	4
La Crosse	18	0	30	3	9	1	0	6†
Dubuque	21	10	30	8	0	13	5	11
Davenport	15	0	4,5	9	11	18	5	2
Keokuk	14	6	9 to 11	12	4	18	7	3
St. Louis	30	0	24	23	6	1	14	0
Cairo	40	0	14	40	7	1	32	1
Memphis	34	0	29	33	0	1	24	2
Vicksburg	41	0	30	41	2	1	32	11
New Orleans*	2	6	28	4	4	1	7	—
CUMBERLAND.								
Nashville	42	0	11,12	34	4	6	14	1
OHIO.								
Pittsburgh	30	0	4	9	3	28	4	9
Cincinnati	50	0	1	39	3	19	16	10
Louisville	24	0	1	15	8	19,20	8	1
SAVANNAH.								
Augusta	—	-	14	29	9	2,3,7,27	8	0

* Below high water mark. † Below bench mark.

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