No. III.

WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

PRECIPITATION CHART FOR FEBRUARY, 1877.

AVERAGE PRECIPITATION FOR FEBRUARY.			
DISTRICTS.	Average for February.		Comparison of February, 1877, with the average for many years.
	For many years.	For 1877.	
	Inches.	Inches.	
St. Lawrence valley	3.50	1.25	Large deficiency.
New England	3.10	1.00	Large deficiency.
Middle Atlantic States	3.25	1.35	Large deficiency.
South Atlantic States	3.15	2.75	Small deficiency.
Eastern Gulf States	4.50	2.00	Large deficiency.
Western Gulf States	3.85	3.10	Small deficiency.
Lower Lake region	2.60	0.25	Large deficiency.
Upper Lake region	2.25	0.25	Large deficiency.
Ohio Valley and Tennessee	3.90	1.00	Large deficiency.
Upper Mississippi Valley	1.75	0.25	Large deficiency.
Lower Missouri Valley	1.20	0.60	Large deficiency.
Upper Missouri Valley	0.65	0.20	Large deficiency.
Minnesota	0.65	0.05	Large deficiency.
San Diego	2.00	0.23	Large deficiency.
San Francisco	3.10	1.18	Large deficiency.
Portland, Or.	6.90	7.56	Small excess.

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BRIG. GEN., (BVT. ASS'T D,) CHIEF SIGNAL OFFICER, U.S. A.

HEIGHTS OF RIVERS ABOVE LOW-WATER MARK, FEB., 1877.										
STATIONS.	Danger point on gauge.		HIGHEST WATER.			LOWEST WATER				
			Date.	Height.		Date.	Height.			
RED RIVER.	ft.	in.	Feb.	ft.	in.	Feb.	ft.	in.		
Shreveport	29	9	27,28	19	9	1	11	8		
MISSOURI.										
Fort Sully †	—	—	—	—	—	—	—	—		
Yankton	20	0	22	6	0	28	5	4		
Omaha	16	0	21	8	6	28	5	6		
Leavenworth	21	0	9	10	10	16	7	4		
MISSISSIPPI.										
St. Paul †	14	6	—	—	—	—	—	—		
La Crosse	18	0	27	1	2	28	0	6		
Dubuque	21	10	—	—	—	—	—	—		
Davenport	15	0	23	4	10	26	3	10		
Keokuk	14	6	16	12	8	28	4	7		
St. Louis	30	0	3	15	0	1	9	7		
Cairo	40	0	1	31	7	28	12	11		
Memphis	34	0	1	29	3	28	10	6		
Vicksburg	41	0	5,6	36	2	28	19	7		
New Orleans *	12	6	8	7	2	28	9	9		
CUMBERLAND.										
Nashville	42	0	8	10	0	28	3	10		
OHIO.										
Pittsburgh	20	0	3	12	9	22	3	5		
Cincinnati	50	0	8	31	7	28	9	10		
Louisville	24	0	9	11	3	28	5	11		
SAVANNAH.										
Augusta	—	—	5	20	7	28	6	0		

* Below high water mark. † River frozen during the month.