Table of miscellaneous meteorological data for March, 1888—Signal Service observations.

Stations and districts.	Elevation above sea-level, feet.	Atmospheric pressure, in inches and hundredths. Mean actual barometer.	Departure from normal.	Mean reduced barometer.	Extremes. Highest barometer.	Date.	Lowest barometer.	Date.	Monthly range of barometer.	Temperature of the air, in degrees Fahrenheit. Monthly mean.	Departure from normal.	Extremes. Max.	Date.	Mean max.	Min.	Date.	Mean min.	Monthly range.	Daily ranges. Greatest.	Date.	Least.	Date.	Mean relative humidity, per cent.	Mean temperature of dew-point, degrees Fahrenheit.	Precipitation, in inches.	Departure from normal precipitation, in inches.	Winds. Total movement, miles.	Prevailing direction.	Maximum velocity. Miles p. h.	Direction.	Date.	No. of rainy days.	No. of cloudy days.	No. of fair days.	No. of clear days.
New England.										29.6	−2.1														5.06	+0.72									
Eastport	53	29.86	+.04	29.92	30.64	26	29.41	17	1.23	29.0	+2.0	48.0	22	34.5	3.9	2	22.8	44.1	23.5	2	4.2	12	75.7	21.7	4.26	−0.80	9,724	nw.	72	e.	13	16	10	14	7
Portland	99	29.84	+.03	29.95	30.62	26	29.32	13	1.30	29.8	−2.2	47.1	29	35.2	7.3	7	22.4	39.8	23.1	2	3.5	12	71.7	21.0	3.72	+0.51	6,764	nw.	45	s.	21	11	11	14	6
Manchester	247	29.71	...	29.98	30.61	26	29.22	13	1.39	29.1	−1.9	51.0	28	36.4	4.0	19	21.3	47.0	33.8	19	8.2	27	65.6	18.0	4.41	...	6,838	nw.	30	nw.	14	13	10	12	9
Northfield	871	29.03	...	30.03	30.60	26	29.34	21	1.26	21.6	−4.4	47.9	28	30.1	−10.0	19	12.7	57.9	41.0	19	6.0	11	71.4	13.3	4.81	...	8,573	n.	40	n.	12	16	10	16	5
Boston	125	29.84	+.03	29.98	30.60	26	29.09	12	1.51	32.0	−1.0	57.5	21	39.7	11.8	24	24.8	45.7	26.7	1	3.5	12	68.7	22.1	3.32	−1.25	11,433	w.	60	e.	13	11	13	9	9
Edgartown	...	...	...	...	...	...	...	...	...	32.4	...	56.0	31	39.0	11.4	5	25.9	44.4	24.0	4	3.5	2	...	...	3.30	...	...	nw.	...	...	...	10	...	...	...
Nantucket	14	29.96	...	29.98	30.60	26	28.93	12	1.67	32.4	−0.6	53.5	31	38.9	15.1	24	26.9	38.4	22.0	23	5.2	15	83.2	27.6	3.14	...	9,601	nw.	54	se.	12	14	7	13	11
Wood's Holl	22	29.95	...	29.97	30.58	26	28.92	12	1.66	31.6	...	52.0	28	38.4	13.4	4	23.7	38.6	22.0	23	7.9	26	78.5	25.2	4.63	...	13,947	w.	48	nw.	31	10	10	9	12
Vineyard Haven	...	...	...	...	...	...	...	...	...	35.1	...	58.2	21	44.0	12.0	24	26.2	46.2	27.9	4	10.0	10	...	...	5.41	...	...	nw.	...	...	...	12	...	...	...
Block Island	26	29.95	+.02	29.98	30.57	25	28.92	13	1.65	30.8	−4.2	51.7	21	36.9	14.6	24	24.8	37.1	20.9	12	3.0	11	86.2	27.0	2.80	−1.49	15,044	nw.	70	e.	12	14	9	9	13
Narragansett Pier	...	...	...	...	...	...	...	...	...	31.8	...	58.0	31	40.5	10.0	25	23.3	48.0	27.0	1	9.0	21	...	...	7.87	+4.18	...	nw.	...	...	...	13	...	...	...
New Haven	107	29.90	+.04	30.02	30.56	25	29.23	13	1.33	29.4	−3.6	55.0	31	37.0	5.0	13	22.0	50.0	28.0	12	4.8	11	72.0	20.7	7.46	+2.73	8,070	nw.	48	n.	12	12	9	9	13
New London	47	29.93	.00	29.98	30.55	25	29.05	13	1.50	32.3	−2.7	58.0	31	39.4	12.0	13	25.2	46.0	19.8	3	5.2	11	77.8	25.6	5.96	+1.16	7,253	nw.	50	s.	21	13	8	8	15
Mid. Atlantic States.										35.9	−3.6														4.94	+1.02									
Albany	85	29.96	+.06	30.06	30.56	25	29.39	21	1.17	26.3	−5.7	52.1	21	34.1	0.5	19	17.8	51.6	38.2	19	6.9	11	73.3	18.3	5.62	+2.86	6,716	nw.	40	sw.	21	13	16	6	9
New York City	185	29.84	+.04	30.05	30.56	25	29.38	21	1.18	32.0	−4.0	62.9	31	40.9	4.8	13	24.9	58.1	28.0	14	5.4	29	73.6	24.1	5.64	+1.78	10,470	nw.	50	w.	13	14	11	9	11
Philadelphia	117	29.95	+.06	30.08	30.57	25	29.36	21	1.21	35.1	−3.9	70.0	31	43.4	8.2	13	27.0	61.8	27.5	31	6.8	13	67.1	24.3	5.42	+2.27	10,586	nw.	60	nw.	12	14	12	10	9
Atlantic City	34	30.03	+.06	30.06	30.56	25	29.39	21	1.17	32.8	−4.2	69.5	31	41.3	10.0	6	26.1	59.5	30.0	31	5.8	28	81.1	27.4	4.15	+0.38	9,873	nw.	60	nw.	12	13	7	15	9
Baltimore	45	30.04	+.05	30.08	30.54	25	29.43	21	1.11	37.3	−3.7	73.5	31	44.9	12.0	13	29.6	61.5	28.7	31	6.4	13	64.6	25.1	4.62	+0.85	5,495	nw.	33	nw.	12	14	10	10	11
Washington City	106	29.99	+.07	30.11	30.51	25	29.42	21	1.09	37.4	−2.6	75.6	31	47.1	10.0	6	29.0	65.6	33.9	19	6.1	25	69.4	27.2	4.53	+0.32	6,152	nw.	42	nw.	13	12	9	11	11
Cape Henry	...	...	...	...	...	...	...	...	...	42.6	...	71.0	21	50.9	19.5	23	35.0	51.5	30.0	17	4.4	12	...	...	4.70	−0.77	...	nw.	...	nw.	...	14	...	...	...
Lynchburg	652	29.38	+.05	30.09	30.46	10	29.43	21	1.03	42.7	−2.3	80.1	31	54.0	16.5	23	32.4	63.6	37.1	16	6.4	25	60.7	27.5	5.25	+1.36	3,907	nw.	29	nw.	14	11	9	11	11
Norfolk	69	30.02	+.05	30.09	30.48	10	29.41	21	1.07	43.9	−2.1	76.8	31	56.6	14.1	14	34.6	62.7	34.8	16	8.0	5	77.8	36.7	4.55	+0.11	7,929	se.	55	nw.	12	11	8	9	14
S. Atlantic States.										52.7	−1.4														5.10	+0.48									
Charlotte	808	29.26	+.07	30.12	30.50	23	29.58	21	0.92	49.3	+0.3	79.3	31	60.9	20.0	23	38.5	59.3	35.3	15	5.2	7	59.1	33.2	6.22	+1.09	4,753	sw.	30	nw.	22	10	8	11	12
Hatteras	12	30.13	+.10	30.15	30.50	10	29.60	21	0.90	48.0	−1.0	69.0	29	54.5	25.8	23	41.4	43.2	20.2	29	2.3	28	87.2	44.1	5.07	−1.80	12,352	ne.	60	nw.	12	10	7	12	12
Kitty Hawk	...	...	...	...	...	...	...	...	...	48.5	...	75.8	31	58.8	21.6	14	38.2	54.2	32.9	29	10.1	21	...	...	6.75	+0.90	...	ne.	...	...	...	10	...	...	...
Raleigh	375	29.71	...	30.11	30.49	23	29.48	21	1.01	46.8	−0.9	76.8	31	56.8	20.0	23	37.3	56.8	31.9	15	8.9	28	75.3	38.7	6.88	...	5,475	nw.	30	nw.	21	11	10	8	13
Southport	...	...	...	...	...	...	...	...	...	51.3	...	75.1	3	59.9	23.5	23	42.8	51.6	28.0	3	6.0	27	...	...	7.05	+3.23	...	sw.	...	...	...	11	...	...	...
Wash Woode	...	...	...	...	...	...	...	...	...	43.3	...	74.6	28	51.3	19.2	14	35.3	55.4	32.2	31	4.6	18	...	...	5.95	+2.22	...	ne.	...	...	...	13	...	...	...
Wilmington	52	30.06	+.06	30.12	30.50	23	29.56	21	0.94	51.4	−2.6	76.5	29	60.8	24.4	23	41.1	52.1	29.5	1	8.2	27	77.4	44.1	4.74	+0.53	6,587	sw.	35	sw.	22	10	8	10	12
Charleston	52	30.08	+.06	30.13	30.50	23	29.69	21	0.81	55.2	−1.8	74.0	3	64.0	29.5	23	46.9	44.5	27.0	21	10.0	28	74.2	46.0	3.64	−0.32	7,187	sw.	36	sw.	21	9	8	12	11
Columbia	...	...	...	...	...	...	...	...	...	52.8	...	77.2	31	62.0	23.5	23	42.2	53.7	32.7	16	3.0	26	79.0	45.7	6.20	...	...	...	...	...	...	10	11	5	15
Augusta	183	29.95	+.06	30.15	30.54	23	29.66	21	0.88	54.0	−1.0	80.7	31	65.6	27.8	23	43.1	52.9	36.3	16	7.1	20	71.5	43.8	7.79	+2.48	3,092	w.	24	sw.	21	10	9	8	14
Savannah	87	30.05	+.05	30.14	30.52	23	29.68	21	0.84	56.4	−2.6	78.5	28	67.0	32.0	23	47.3	46.5	30.0	1	11.3	22	68.7	44.8	2.24	−1.57	6,067	s.	36	nw.	11	7	9	7	15
Jacksonville	43	30.09	+.04	30.14	30.50	23	29.78	5	0.72	60.3	−1.7	83.5	28	70.6	35.0	23	51.2	48.5	29.7	24	9.7	30	73.0	50.6	1.57	−1.93	5,715	ne.	29	s.	21	6	8	11	12
Florida Peninsula.										66.4	−2.2														0.92	−1.56									
Titusville	12	30.15	...	30.16	30.46	23	29.84	5	0.62	63.4	...	87.0	29	70.7	41.0	23	55.9	46.0	24.5	17	7.3	27	80.0	56.6	2.16	...	7,559	se.	30	se.	25	8	3	14	14
Cedar Keys	22	30.13	+.05	30.15	30.48	23	29.84	21	0.64	61.4	−2.6	73.6	28	67.8	37.0	23	55.2	36.6	23.2	24	3.0	29	73.0	51.8	0.94	−3.26	7,926	s.	36	s.	21	7	5	17	9
Key West	22	30.10	+.02	30.12	30.31	23	29.93	6	0.38	71.3	−1.7	81.8	31	75.6	58.4	13	67.0	23.4	14.0	19	4.1	11	78.5	64.0	0.91	+0.13	8,519	e.	36	n.	22	5	5	18	8
Jupiter	28	30.10	...	30.13	30.36	23	29.84	5	0.52	68.1	...	83.4	21	75.2	45.0	13	61.7	38.4	23.1	14	6.0	19	73.3	58.7	1.25	...	8,745	se.	29	n.	23	5	3	19	9
Eastern Gulf States.										56.7	−1.5														8.36	+1.98									
Atlanta	1,129	29.94	+.05	30.14	30.50	23	29.64	20	0.76	50.6	−1.4	77.3	31	60.5	24.0	23	41.6	53.3	28.3	8	6.3	27	62.6	36.6	8.16	+1.46	8,519	nw.	48	nw.	22	11	6	10	15
Pensacola	30	30.08	+.01	30.12	30.45	23	29.74	20	0.71	59.5	−0.5	76.2	31	66.3	37.7	12	52.8	38.5	23.0	8	4.0	25	72.6	49.6	8.90	+3.65	6,894	n.	42	se.	26	11	8	12	11
Mobile	35	30.09	+.03	30.13	30.47	23	29.71	20	0.76	57.5	−2.5	75.5	28	66.4	35.0	13	49.0	40.5	25.0	2	6.5	20	80.7	51.1	7.24	−0.69	7,314	n.	36	se.	20	11	9	14	8
Montgomery	217	29.89	+.04	30.13	30.49	23	29.60	20	0.89	56.6	−0.4	82.1	20	67.2	30.8	8	46.1	51.3	30.5	24	6.3	10	58.8	40.01	1.51	+5.39	4,946	nw.	30	nw.	11	12	9	8	14
Vicksburg	222	29.88	+.04	30.12	30.57	11	29.66	19	0.91	55.7	−2.3	83.5	26	65.9	31.2	7	46.1	52.3	30.4	16	5.7	28	71.5	45.4	7.92	+1.60	6,172	n.	36	nw.	20	12	11	7	13
University	...	...	...	...	...	...	...	...	...	50.5	...	77.2	18	60.6	27.8	12	40.8	49.4	33.6	16	8.7	6	70.2	40.1	8.06	...	...	...	...	...	...	11	12	7	12
New Orleans	52	30.05	+.03	30.07	30.46	12	29.68	20	0.78	60.3	−1.7	78.0	26	69.3	40.7	12	52.7	37.3	24.0	11	9.0	19	72.2	50.1	6.45	+0.46	7,260	se.	33	s.	5	13	7	17	7
Auburn	...	...	...	...	...	...	...	...	...	52.6	...	78.0	28	63.7	28.0	23	45.5	50.0	26.0	21	6.0	20	...	...	1.24	...	...	se.	...	...	...	9	...	...	...
Western Gulf States.										54.9	−3.7														5.33	+2.03									
Shreveport	249	29.83	+.04	30.09	30.55	11	29.50	25	1.05	54.7	−3.3	81.0	31	65.4	32.5	11	45.6	48.5	34.8	10	4.6	28	76.3	46.5	9.00	+4.33	5,773	s.	30	nw.	24	13	11	10	10
Fort Smith	470	29.60	+.07	30.11	30.64	11	29.52	19	1.12	47.8	−3.2	83.6	31	59.7	23.0	11	38.3	60.6	39.0	13	6.6	3	63.8	34.4	3.09	+1.15	4,775	se.	30	nw.	20	10	9	11	11
Little Rock	309	29.78	+.04	30.11	30.60	11	29.59	19	1.01	49.7	−3.3	80.5	31	60.8	25.2	11	39.2	55.3	35.3	13	5.5	24	66.0	37.3	5.06	+0.44	5,309	nw.	24	nw.	27	14	15	5	11
Corpus Christi	20	30.05	+.02	30.07	30.54	12	29.62	25	0.92	61.9	−2.1	81.7	10	66.9	41.0	11	54.4	40.7	36.4	19	4.5	14	80.2	55.2	2.98	...	9,760	se.	54	e.	18	7	15	13	3
Galveston	40	30.06	+.05	30.10	30.52	12	29.64	25	0.88	60.1	−2.9	75.0	10	65.3	42.5	11	54.5	32.5	20.0	10	2.5	26	78.2	52.9	2.84	−0.23	8,543	s.	50	n.	10	8	10	14	7
Palestine	533	29.54	+.03	30.10	30.57	11	29.53	25	1.04	53.3	−5.6	78.8	31	63.5	29.3	11	44.1	49.5	32.9	8	6.8	4	72.4	43.5	9.84	+6.56	7,922	s.	33	w.	19	10	12	11	8
San Antonio	781	29.26	+.04	30.09	30.58	11	29.60	25	0.98	56.6	−5.4	79.0	25	66.3	36.7	6	48.7	42.3	35.1	29	7.3	14	68.7	44.9	2.13	−0.07	7,298	nw.	36	ne.	11	12	18	11	2
Rio Grande Valley.										64.8	−3.7														3.57	+2.30									
Rio Grande City	230	29.85	+.03	30.10	30.62	11	29.64	25	0.98	64.2	−4.8	89.3	25	74.2	41.0	29	56.3	48.3	36.0	29	7.0	8	77.1	55.6	4.83	+3.66	5,336	se.	28	s.	23	5	12	12	7
Brownsville	57	30.00	+.03	30.06	30.54	11	29.62	25	0.92	65.4	−2.6	85.0	10	72.3	45.1	6	58.4	39.9	23.8	11	4.6	14	83.0	59.8	2.31	+0.93	7,287	s.	38	s.	1	8	13	12	6
Ohio Val. & Tenn.										42.5	−1.6														4.79	+0.29									
Chattanooga	783	29.31	+.06	30.15	29.52	23	29.49	20	1.03	49.3	−0.7	80.5	31	59.6	22.4	23	39.8	58.1	36.9	16	6.2	6	69.3	38.2	68.6	+0.08	6,012	s.	42	w.	11	12	11	11	9
Knoxville	980	29.09	+.06	30.15	30.52	23	29.56	20	0.96	46.9	−0.1	76.4	20	57.4	19.0	23	37.2	57.4	37.5	16	7.5	7	64.8	34.4	4.22	−1.73	4,846	n.	38	s.	26	10	13	9	9
Memphis	320	29.75	+.03	30.10	30.54	12	29.62	20	0.92	49.5	−1.5	80.0	18	58.9	28.0	11	40.9	52.0	32.0	18	3.5	5	70.3	39.0	5.40	−0.28	5,932	nw.	36	nw.	26	16	15	4	12
Nashville	549	29.52	+.05	30.11	30.48	11	29.52	20	0.96	46.6	−1.4	78.2	26	56.5	23.0	23	37.8	55.2	26.8	16	4.8	6	67.0	34.7	6.46	+1.35	6,104	nw.	37	w.	22	14	12	9	10
Louisville	551	29.52	+.06	30.12	30.50	12	29.58	20	0.92	43.6	−0.4	73.5	31	52.7	13.8	22	33.6	59.7	32.6	30	7.2	4	67.0	32.5	5.71	+1.77	7,278	n.	36	w.	22	19	14	11	6
Indianapolis	766	29.28	+.08	30.12	30.50	12	29.49	20	1.01	35.7	−3.3	69.0	19	43.9	8.8	22	27.9	60.2	29.2	2	6.4	28	70.0	26.0	4.26	+0.47	5,173	nw.	26	nw.	22	14	14	8	9
Terre Haute	...	...	...	...	...	...	...	...	...	38.5	...	67.3	31	47.7	7.8	22	29.3	59.5	30.8	30	8.2	24	...	...	3.85	...	...	w.	...	...	...	13	...	...	...
Cincinnati	628	29.44	+.08	30.13	30.50	12	29.56	20	0.94	39.0	−3.0	70.9	26	46.7	12.3	22	30.7	58.6	30.2	30	4.4	24	68.5	28.5	3.94	+0.47	6,550	n.	36	nw.	21	16	11	11	9
Columbus	812	29.24	+.09	30.13	30.48	9	29.51	20	0.97	35.3	−2.7	70.4	19	45.1	6.5	22	27.9	63.9	32.6	19	7.1	24	67.8	24.9	3.79	+0.80	7,024	w.	37	w.	22	15	12	12	7
Pittsburg	847	29.17	+.07	30.08	30.48	9	29.16	21	1.32	36.3	−1.7	71.5	20	46.4	9.1	13	27.5	62.4	36.0	19	8.4	13	71.2	27.3	2.51	−0.36	6,433	nw.	39	sw.	21	15	14	13	4
Lexington	...	29.01	...	...	...	...	...	...	...	40.6	...	74.5	26	51.2	12.7	22	31.0	61.8	31.9	30	8.0	10	68.8	30.2	5.82	...	4,939	nw.	36	sw.	26	16	13	11	7
Lower lake region.										27.6	−3.8														2.59	−0.17									
Buffalo	690	29.33	+.10	30.10	30.51	25	29.16	21	1.35	25.0	−3.0	63.0	19	33.0	1.6	13	18.5	61.4	36.0	19	5.3	5	77.0	18.5	2.07	−0.78	9,264	sw.	42	sw.	21	17	16	12	3
Oswego	335	29.70	+.08	30.08	30.53	25	29.44	21	1.09	23.6	−5.4	50.4	20	31.0	−1.0	5	16.7	51.4	33.6	19	6.1	15	81.3	18.5	1.79	−1.19	10,395	w.	39	n.	12	15	20	9	2
Rochester	621	29.40	+.10	30.10	30.53	25	29.21	21	1.32	24.7	−4.3	59.0	20	32.9	0.0	13	18.1	59.0	37.0	19	4.6	5	83.3	19.9	2.34	−0.74	10,552	w.	58	w.	21	24	16	12	3
Erie	681	29.35	+.10	30.11	30.56	9	29.14	21	1.42	27.0	−4.0	67.4	19	36.5	3.0	24	20.0	64.4	38.9	19	5.5	28	76.9	20.2	2.04	−1.03	7,879	w.	43	s.	26	16	12	14	5
Cleveland	690	29.35	+.09	30.12	30.51	9	29.40	21	1.11	30.6	−1.4	68.1	19	39.4	7.8	13	22.9	60.3	33.8	15	4.9	28	74.6	22.9	3.23	+0.36	8,002	w.	32	sw.	26	17	12	16	3
Sandusky	638	29.42	+.09	30.14	30.50	9	29.47	20	1.03	30.8	−3.2	71.6	19	40.1	6.1	23	23.2	65.5	37.6	19	3.7	28	75.3	23.3	2.85	+0.25	11,326	sw.	43	w.	11	11	15	10	6
Toledo	673	29.38	+.10	30.12	30.50	12	29.48	20	1.02	30.1	−3.9	69.4	19	39.1	4.5	22	21.5	64.9	38.9	19	5.3	28	73.4	21.7	3.63	+1.53	8,701	w.	40	s.	20	11	13	14	4
Detroit	662	29.38	+.10	30.12	30.50	4	29.45	20	1.05	28.6	−5.4	65.0	19	36.7	2.0	23	20.5	63.0	36.0	19	4.5	16	73.8	20.5	2.76	+0.22	8,506	w.	32	e.	25	12	13	14	4
Upper lake region.										21.1	−5.1														2.14	+0.08									
Alpena	609	29.43	+.11	30.13	30.69	4	29.40	20	1.24	18.6	−3.4	49.2	20	26.5	−10.2	23	9.7	54.9	27.8	18	4.5	27	84.0	14.4	2.24	+0.08	7,778	w.	36	w.	11	14	14	9	8
Escanaba	608	29.44	+.11	30.15	30.68	3	29.47	19	1.21	15.1	−5.9	42.8	10	24.9	−16.4	23	4.6	59.2	32.1	25	6.6	20	78.7	9.4	2.55	+0.81	5,969	n.	42	n.	10	8	10	8	11
Grand Haven	620	29.41	+.08	30.11	30.54	3	29.41	19	1.13	24.4	−5.6	63.7	19	32.0	1.0	13	17.8	62.7	28.6	19	5.2	31	81.4	19.2	2.40	−0.03	9,801	nw.	42	nw.	21	13	15	13	3
Lansing	883	29.13	...	30.13	30.52	12	29.41	20	1.11	26.6	−5.4	69.5	19	36.2	1.9	23	17.7	67.6	36.0	19	5.0	27	78.9	20.4	2.01	...	6,945	nw.	34	nw.	11	12	10	15	6
Mackinaw City	605	29.43	+.10	30.12	30.63	3	29.37	19	1.26	15.5	−6.5	41.5	19	24.2	−11.0	23	5.8	52.5	38.3	9	5.8	10	83.3	11.0	1.00	+0.22	9,544	nw.	60	e.	1	9	9	11	11
Marquette	672	29.38	+.10	30.16	30.71	3	29.53	21	1.18	14.5	−7.5	40.4	19	22.0	−13.8	23	6.3	54.2	26.1	15	5.4	1	73.7	7.6	2.80	+1.42	6,549	nw.	34	nw.	10	14	11	8	12
Port Huron	639	29.41	+.12	30.13	30.52	9	29.41	20	1.11	25.2	−1.8	61.2	19	33.3	−3.9	23	17.5	65.1	34.7	19	3.2	1	78.2	18.9	2.24	−1.09	9,551	w.	43	w.	2	16	11	15	5
Chicago	715	29.33	+.08	30.11	30.55	12	29.44	20	1.11	30.5	−3.5	64.0	19	37.1	−0.9	22	22.7	64.9	30.4	20	3.4	28	72.0	22.2	2.99	+0.36	8,941	ne.	37	w.	21	12	13	11	7
Milwaukee	697	29.33	+.08	30.10	30.57	3	29.39	19	1.18	26.1	−3.9	60.5	19	33.0	−2.3	22	19.5	62.8	27.5	21	3.5	1	79.5	20.4	2.25	−0.36	9,274	w.	46	w.	21	14	11	13	7
Green Bay	616	29.44	...	30.14	30.66	3	29.45	19	1.21	20.3	−4.7	43.5	19	28.2	−8.2	4	10.9	51.7	29.4	6	7.3	2	83.4	15.7	5.69	...	6,165	ne.	32	w.	21	11	15	10	6
Duluth	672	29.40	+.11	30.18	30.71	3	29.53	18	1.18	15.4	−7.6	45.0	29	24.6	−13.5	22	6.6	58.5	28.4	21	8.4	27	86.2	12.0	0.81	−0.69	6,442	ne.	40	ne.	1	12	11	11	9
Extreme northwest.										10.9	−8.3														0.92	+0.34									
Moorhead	926	29.12	+.08	30.20	30.79	3	29.44	18	1.35	12.3	−6.7	40.5	18	22.2	−20.0	3	2.7	60.5	31.0	22	7.0	30	82.4	7.7	1.04	+0.24	8,625	n.	50	s.	14	11	13	12	6
Saint Vincent	804	29.28	+.09	30.21	30.82	3	29.35	18	1.47	7.8	−6.2	40.7	18	19.1	−29.3	22	−4.0	70.0	38.0	9	8.5	25	86.0	4.4	0.93	+0.44	7,553	nw.	54	nw.	20	9	5	14	12
Bismarck	1,681	28.29	+.08	30.19	30.76	3	29.40	18	1.36	13.4	−9.6	46.8	16	22.2	−20.4	2	3.4	67.2	42.4	22	3.2	25	83.8	9.1	0.87	−0.16	8,045	nw.	50	nw.	20	11	5	19	7
Fort Buford	1,930	28.02	+.06	30.10	30.67	2	29.42	18	1.25	*13.1	−10.9	51.0	17	26.6	−27.8	2	2.0	78.8	44.5	10	11.4	25	83.0	8.6	0.44	+0.04	7,076	nw.	46	nw.	20	7	7	19	5
Fort Totten	1,487	28.48	+.08	30.20	30.79	3	29.34	18	1.45	7.9	−8.1	40.6	18	18.0	−22.3	3	−2.4	62.9	33.7	22	6.2	25	89.8	5.5	0.79	+0.46	11,177	n	58	n.	18	8	9	10	12
Fort Yates	...	...	...	...	...	...	...	...	...	16.5	...	48.8	17	26.1	−18.4	2	6.9	67.2	42.8	22	6.2	6	...	...	1.42	+1.04	...	nw.	...	...	...	6	...	...	...

Table of miscellaneous meteorological data for March, 1888—Signal Service observations—Continued.

Stations and districts.	Elevation above sea-level, feet.	Atmospheric pressure, in inches and hundredths. Mean actual barometer.	Departure from normal.	Mean reduced barometer.	Extremes. Highest barometer.	Date.	Lowest barometer.	Date.	Monthly range of barometer.	Temperature of the air, in degrees Fahrenheit. Monthly mean.	Departure from normal.	Extremes. Max.	Date.	Mean max.	Min.	Date.	Mean min.	Monthly range.	Daily ranges. Greatest.	Date.	Least.	Date.	Mean relative humidity, per cent.	Mean temperature of dew-point, degrees Fahrenheit.	Precipitation, in inches.	Departure from normal precipitation, in inches.	Winds. Total movement, miles.	Prevailing direction.	Maximum velocity. Miles p. h.	Direction.	Date.	No. of rainy days.	No. of cloudy days.	No. of fair days.	No. of clear days.
Upper Miss. Valley.										31.3	−5.2														3.34	+1.08										
Saint Paul	831	29.19	+.08	30.12	30.70	3	29.46	18	1.24	18.2	−9.8	42.0	18	28.2	−13.7	22	9.4	55.7	33.2	21	9.7	26	81.9	13.3	1.11	−0.34	6,159	w.	36	nw.	21	9	13	15	3
La Crosse	744	29.32	+.10	30.16	30.70	3	29.49	18	1.21	22.2	−7.8	48.8	18	30.1	−9.7	22	14.1	58.5	26.0	21	8.0	17	73.3	14.1	4.12	+2.54	6,005	nw.	32	w.	21	9	12	14	5
Davenport	615	29.42	+.05	30.10	30.59	3	29.38	19	1.21	30.1	−4.9	61.0	18	38.5	−0.5	22	22.2	61.5	35.3	2	4.8	4	74.0	22.3	2.70	+0.53	7,537	nw.	48	nw.	21	11	10	12	9
Des Moines	866	29.16	+.05	30.11	30.67	3	29.45	18	1.22	29.0	−6.0	72.9	18	39.6	−4.6	6	20.7	77.5	42.1	18	5.4	24	77.4	22.2	3.09	+1.70	4,231	nw.	24	nw.	10	9	10	13	8
Dubuque	665	29.39	+.09	30.13	30.66	3	29.36	19	1.30	26.7	−5.3	57.5	19	34.3	−4.6	22	18.4	62.1	27.2	7	5.5	4	75.2	19.5	3.44	+1.05	5,124	nw.	30	nw.	21	9	10	13	8
Keokuk	618	29.40	+.04	30.07	30.57	3	29.41	19	1.16	34.2	−3.8	69.8	18	44.6	5.0	22	25.6	64.8	37.8	18	5.4	25	70.6	24.9	3.45	+1.32	8,317	nw.	36	nw.	21	11	8	13	10
Cairo	359	29.73	+.06	30.12	30.55	11	29.57	20	0.98	44.9	−2.1	76.2	31	53.0	21.0	22	36.5	55.2	32.1	18	2.6	4	68.6	34.1	4.91	+1.12	7,410	n.	30	n.	27	12	16	5	10
Springfield	644	29.42	+.06	30.12	30.58	3	29.52	19	1.06	35.4	−4.6	66.2	30	45.0	6.0	22	26.5	60.2	32.8	23	7.0	24	72.5	26.9	3.48	+0.88	7,420	s.	28	nw.	21	12	12	10	9
Saint Louis	571	29.47	+.03	30.10	30.55	11	29.51	19	1.04	40.8	−2.2	76.0	30	50.8	14.0	22	31.1	62.0	35.5	23	8.1	21	70.8	30.7	3.79	+0.88	9,663	n.	48	w.	20	11	14	6	11
Missouri Valley.										27.9	−6.0														2.08	+0.84										
Lamar	1,028	29.01	.....	30.13	30.71	11	29.42	19	1.23	41.9	.....	83.8	31	53.8	13.9	22	31.7	69.9	38.6	2	4.6	6	71.9	32.2	2.36	+0.41	8,961	s.	37	nw.	25	12	12	9	10
Springfield	1,356	28.62	+.03	30.09	30.64	11	29.48	19	1.16	41.5	−2.5	83.0	31	53.5	12.7	22	32.6	70.3	36.3	30	5.5	4	72.5	31.8	2.46	.....	8,882	s.	40	se.	25	14	11	10	10
Leavenworth	842	29.18	+.03	30.09	30.65	11	29.42	19	1.23	37.0	−4.0	78.5	18	49.0	10.8	6	26.7	67.7	41.4	19	5.4	4	67.9	26.7	4.55	+2.32	6,354	s.	28	s.	18	11	11	9	11
Topeka	.....	.....	.....	.....	.....	..	.....	..	.....	37.0	.....	81.8	18	50.2	7.8	5	24.1	74.0	43.1	9	9.3	26	75.0	29.1	3.21	.....	.....	.....	.....	.....	..	13	12	6	13
Omaha	1,113	28.91	+.05	30.14	30.72	3	29.45	18	1.27	28.8	−6.2	78.3	18	39.4	−3.9	6	20.3	82.2	36.5	18	5.9	4	74.2	21.1	3.25	+1.83	7,485	n.	36	n.	19	10	10	12	9
Crete	.....	.....	.....	.....	.....	..	.....	..	.....	29.2	.....	79.9	18	41.5	−13.0	6	18.9	92.9	42.2	19	7.0	4	80.0	23.2	4.63	.....	.....	.....	.....	.....	..	8	10	13	8
Valentine	2,614	27.29	.....	30.10	30.66	2	29.47	18	1.19	24.8	−5.2	67.0	17	37.7	−15.0	2	12.9	82.0	47.4	22	9.2	4	68.8	14.9	1.44	+1.06	8,848	n.	38	nw.	21	10	6	13	12
Fort Sully	1,600	28.36	+.05	30.14	30.70	3	29.39	18	1.31	20.5	−8.5	59.5	17	30.8	−12.9	3	11.0	72.4	46.5	22	4.0	9	71.6	12.0	0.49	−0.39	7,623	nw.	36	nw.	21	7	6	16	9
Huron	1,307	28.69	+.05	30.15	30.75	3	29.43	18	1.32	19.2	−8.8	50.5	18	29.4	−13.8	3	10.1	64.3	41.6	22	7.8	25	76.8	12.7	1.22	+0.53	8,498	nw.	45	nw.	21	11	8	15	8
Yankton	1,234	28.76	+.04	30.12	30.71	3	29.33	18	1.38	23.5	−6.5	69.2	18	34.8	−17.5	6	13.9	86.7	35.5	6	6.0	24	75.3	16.1	1.24	+0.12	7,451	nw.	36	n.	19	10	10	12	9
Northern slope.										21.5	−10.3														1.31	+0.68										
Fort Assinaboine	2,720	27.19	+.06	30.13	30.62	2	29.49	17	1.13	18.6	−11.4	60.2	17	29.2	−26.0	19	8.4	86.2	49.2	11	6.8	31	69.0	9.9	0.95	+0.36	6,845	sw.	44	sw.	19	7	8	18	5
Fort Custer	3,040	26.85	+.05	30.11	30.64	2	29.51	23	1.13	23.0	−10.0	66.6	17	33.9	−26.3	2	12.0	92.9	43.3	11	6.3	25	75.1	15.1	0.35	−0.21	4,885	n.	38	n.	18	11	9	17	5
Fort Maginnis	4,340	25.48	−.01	30.04	30.48	3	29.52	17	0.96	20.2	−10.8	60.0	13	33.3	22.7	2	9.9	82.7	40.8	10	7.6	25	80.0	14.5	3.21	+1.98	8,045	nw.	70	nw.	24	12	10	15	6
Helena	4,069	25.79	−.01	30.08	30.46	11	29.52	23	0.94	23.2	−10.8	63.5	17	33.2	−13.0	2	14.5	76.5	29.5	24	7.5	7	58.8	9.7	1.32	+0.89	4,682	sw.	36	sw.	27	10	12	16	3
Poplar River	2,030	27.92	+.05	30.16	30.72	2	29.50	17	1.22	9.5	−16.5	46.2	13	22.0	−34.9	10	−2.9	81.1	49.9	10	9.0	28	80.7	4.4	0.41	+0.12	5,381	ne.	42	n.	20	8	4	17	10
Cheyenne	6,105	23.89	−.03	30.01	30.51	11	29.34	18	1.17	29.3	−4.7	64.2	31	41.5	−4.8	5	15.7	69.0	41.2	22	11.8	4	56.7	9.3	2.04	+1.46	8,816	nw.	45	w.	29	12	6	16	9
Laramie	.....	.....	.....	.....	.....	..	.....	..	.....	30.6	.....	71.0	31	44.8	−10.4	10	16.3	81.4	46.8	22	8.0	26	.....	.....	0.76	+0.01	.....	w.	.....	.....	..	11	..	..	..
North Platte	2,841	27.07	+.02	30.10	30.59	11	29.44	18	1.15	26.9	−8.1	74.0	14	40.4	−13.7	5	15.9	87.7	42.1	14	5.8	26	74.9	18.4	1.44	+0.86	7,518	n.	39	n.	19	10	9	11	11
Rapid City	.....	26.60	.....	.....	.....	..	.....	..	.....	24.9	.....	66.0	17	36.1	−15.7	2	12.9	81.7	43.0	22	10.8	8	78.3	18.8	1.76	.....	6,493	ne.	36	n.	20	11	12	10	9
Fort Washakie	.....	24.35	.....	.....	.....	..	.....	..	.....	27.2	.....	62.0	17	37.7	−8.0	27	15.0	70.0	35.8	27	8.5	25	69.8	16.9	1.92	.....	3,665	sw.	36	sw.	21	8	10	17	4
Fort McKinney	.....	24.90	.....	.....	.....	..	.....	..	.....	22.7	.....	59.0	17	32.9	−10.0	1	12.6	69.0	37.0	24	3.0	28	57.0	8.8	1.02	.....	7,952	nw.	48	nw.	24	11	9	13	7
Middle slope.										36.5	−4.5														1.13	+0.23										
Colorado Springs	.....	.....	.....	.....	.....	..	.....	..	.....	35.2	.....	72.6	31	51.3	0.8	27	19.4	71.8	41.7	22	19.8	4	54.2	16.3	0.28	.....	.....	.....	.....	.....	..	9	4	13	14
Denver	5,281	24.66	.00	30.00	30.51	11	29.29	18	1.22	33.4	−5.6	70.0	31	47.4	−1.5	5	20.2	71.5	41.8	22	7.8	26	54.9	14.9	1.15	+0.22	4,220	s.	36	ne.	19	11	8	10	13
Pike's Peak	14,134	17.54	.....	29.98	30.74	10	29.33	18	1.41	8.2	.....	28.4	14	15.7	−11.7	28	2.0	40.1	25.2	4	5.3	21	73.4	c.0	1.47	−0.67	18,505	sw.	87	sw.	8	11	1	15	15
Las Animas	3,899	25.97	−.02	29.98	30.57	11	29.00	18	1.51	37.6	−2.4	79.0	31	54.5	6.3	20	21.8	72.7	50.5	13	12.5	26	51.5	16.1	0.64	+0.27	5,641	e.	60	n.	19	5	7	14	10
Concordia	1,384	28.58	.....	30.08	30.66	22	29.41	18	1.25	33.5	−4.5	81.0	18	45.9	0.8	6	22.5	80.4	39.0	11	7.8	4	68.3	23.1	3.37	+1.97	6,836	n.	37	n.	19	8	7	12	12
Dodge City	2,524	27.38	+.01	30.08	30.70	11	29.41	18	1.29	36.5	−5.5	75.0	24	51.1	−1.8	5	23.7	76.8	43.5	13	7.0	3	67.5	24.5	0.93	+0.12	9,321	s.	56	s.	8	7	3	15	13
Fort Reno	.....	.....	.....	.....	.....	..	.....	..	.....	46.4	.....	90.2	31	60.9	14.6	5	31.9	75.6	.....	..	.....	..	.....	.....	1.14	−0.20	.....	s.	.....	.....	..	8	..	..	..
Fort Supply	.....	.....	.....	.....	.....	..	.....	..	.....	44.2	.....	82.8	31	57.7	10.2	5	30.7	72.6	43.7	13	8.0	21	.....	.....	0.31	−0.50	.....	n.	.....	.....	..	4	..	..	..
Fort Elliott	2.650	27.24	+.01	30.00	30.66	11	29.22	19	1.44	41.4	−4.6	87.2	31	56.3	8.6	5	27.7	78.6	47.0	12	8.6	4	66.2	28.1	0.40	−0.21	10,623	n.	64	nw.	19	6	4	10	17
Southern slope.										48.6	−4.7														1.37	+0.52										
Fort Sill	1,200	28.81	+.03	30.08	30.70	11	29.39	19	1.31	45.9	−4.1	86.5	31	60.2	19.7	5	33.9	66.8	44.5	31	7.2	3	72.6	36.7	1.10	−0.19	10,122	s.	48	s.	8	9	6	11	14
Abilene	1,748	28.23	+.02	30.06	30.68	11	29.50	19	1.18	49.8	−6.2	87.1	31	62.3	22.9	11	39.5	64.2	35.8	10	7.2	18	75.5	40.8	1.16	−0.09	10,922	sw.	37	s.	1	6	5	15	11
Fort Davis	4,928	25.14	−.03	29.97	30.52	11	29.59	19	0.93	50.1	−3.9	78.0	31	62.3	26.2	12	38.4	51.8	37.7	30	9.3	18	41.0	24.6	0.40	+0.05	5,962	sw.	50	sw.	3	3	1	13	17
Fort Stanton	6,154	23.87	.....	29.86	30.39	11	29.29	19	1.10	38.9	.....	66.5	31	52.1	10.2	28	26.6	56.3	44.7	13	6.3	27	41.8	13.8	2.82	+2.30	6,075	nw.	42	w.	1	5	4	10	17
Southern plateau.										48.7	−1.9														1.10	+0.12										
El Paso	3,764	26.21	−.01	29.96	30.44	12	29.54	19	0.90	54.6	−1.4	84.5	31	68.1	28.3	12	39.6	56.2	43.7	14	16.0	1	48.1	33.5	0.95	+0.48	3,304	w.	22	se.	17	3	1	9	21
Lava	.....	.....	.....	.....	.....	..	.....	..	.....	47.8	.....	75.8	23	62.7	23.2	3	32.8	52.6	43.6	23	19.0	17	.....	.....	0.70	+0.34	.....	sw.	.....	.....	..	6	..	..	..
Santa Fé	7,026	23.17	−.04	29.97	30.49	11	29.37	19	1.12	37.4	−1.6	64.0	31	49.1	14.0	2	27.3	50.0	36.8	22	9.5	5	54.4	19.6	0.61	+0.02	4,619	sw.	30	sw.	25	11	5	11	15
Fort Bowie	.....	.....	.....	.....	.....	..	.....	..	.....	48.2	.....	70.5	31	57.7	29.5	2	38.7	41.0	27.5	12	10.0	27	.....	.....	1.92	−0.40	.....	sw.	.....	.....	..	10	..	..	..
Fort Grant	4,910	25.14	−.06	29.98	30.29	12	29.70	19	0.59	48.2	−2.8	71.3	15	59.7	26.8	2	37.7	44.5	32.2	12	8.2	20	40.6	23.2	0.83	−0.36	3,461	w.	48	se.	17	5	5	12	14
Fort McDowell	.....	.....	.....	.....	.....	..	.....	..	.....	55.6	.....	84.0	31	70.7	30.0	28	40.4	54.0	44.0	21	10.0	25	.....	.....	0.62	−0.77	.....	sw.	.....	.....	..	7	..	..	..
Fort Thomas	2,710	.....	.....	.....	.....	..	.....	..	.....	54.0	.....	78.7	23	69.4	28.0	2	38.7	49.8	45.2	14	10.5	26	.....	.....	1.78	+0.69	.....	w.	.....	.....	..	9	..	..	..
Fort Verde	.....	.....	.....	.....	.....	..	.....	..	.....	49.7	.....	78.8	31	64.3	27.0	2	35.1	.....	.....	..	.....	..	.....	.....	1.78	+0.39	.....	.....	.....	.....	..	8	..	..	..
Prescott	5,389	24.64	−.06	29.95	30.43	12	29.64	25	0.79	40.9	−2.1	69.0	22	53.6	5.0	2	27.7	64.0	38.1	22	7.3	8	65.5	28.5	1.66	+0.22	5,699	sw.	36	sw.	19	7	6	10	15
San Carlos	.....	.....	.....	.....	.....	..	.....	..	.....	51.4	.....	80.0	31	65.2	29.0	2	37.6	27.6	42.5	14	11.5	1	.....	.....	1.93	+0.71	.....	s.	.....	.....	..	7	..	..	..
Willcox	.....	.....	.....	.....	.....	..	.....	..	.....	39.0	.....	78.8	31	63.3	*17.0	2	*28.8	61.8	†	2	‡	27	.....	.....	1.13	+0.27	.....	w.	.....	.....	..	8	..	..	..
Yuma	141	29.82	−.02	29.97	30.28	11	29.74	24	0.54	62.5	−1.5	86.8	13	75.6	37.0	4	47.1	49.8	40.0	30	15.0	20	47.6	39.7	0.05	−0.15	5,648	s.	46	s.	8	1	1	9	21
Keeler	3,622	26.26	.....	29.92	30.44	11	29.52	8	0.92	50.6	.....	72.5	18	61.7	27.0	1	39.8	45.5	29.8	20	11.4	2	40.3	25.1	0.30	+0.06	6,211	s.	42	s.	31	4	1	13	17
Middle plateau.										39.8	−1.2														1.59	+0.40										
Fort Bidwell	4,615	25.32	.....	30.04	30.48	11	29.64	8	0.84	36.6	.....	65.7	22	48.7	5.5	9	25.4	60.2	37.0	27	12.9	5	80.4	30.7	3.28	+1.01	5,343	w.	40	sw.	31	11	14	7	10
Winnemucca	4,344	29.60	−.02	30.02	30.51	11	29.57	8	0.94	39.1	−1.9	70.7	22	53.2	10.0	1	26.1	60.7	49.5	22	10.6	31	.....	.....	0.21	−0.54	§4,773	w.	66	w.	31	4	4	14	13
Salt Lake City	4,348	25.57	−.05	29.98	30.58	11	29.54	8	1.04	40.4	−0.6	68.5	31	48.8	19.0	10	31.1	49.5	33.2	22	6.8	8	60.9	26.9	2.18	+0.20	4,736	se.	36	ne.	3	10	11	12	8
Montrose	5,780	24.21	.....	29.94	30.62	11	29.42	25	1.20	37.3	.....	66.0	31	50.1	6.9	27	23.7	59.1	37.8	12	10.8	1	57.7	22.3	0.60	+0.12	4,419	se.	35	se.	25	8	11	10	10
Fort Bridger	6,643	23.40	.....	30.00	30.66	11	29.50	8	1.16	28.5	.....	57.0	31	39.5	−2.4	2	17.6	59.4	35.7	13	11.0	8	62.1	16.3	1.66	+1.19	7,986	w.	58	w.	28	12	14	15	2
Carson City	.....	.....	.....	.....	.....	..	.....	..	.....	41.9	.....	66.4	12	53.4	16.6	12	29.0	49.8	40.2	12	11.3	14	44.6	19.8	0.50	.....	.....	.....	.....	.....	..	5	2	10	19
Fort DuChesne	.....	24.96	.....	.....	.....	..	.....	..	0.89	35.2	.....	68.8	31	49.8	10.0	28	20.4	58.8	45.5	28	12.5	26	73.8	26.7	0.22	.....	2,337	w.	39	.....	9	7	6	15	10
Northern plateau.										41.9	−0.4														1.38	−0.03										
Boisé City	2,750	27.13	−.05	30.00	30.47	11	29.59	7	0.88	42.7	+0.7	66.0	22	53.7	17.7	9	30.9	48.3	33.4	24	11.6	4	60.1	28.3	0.51	−0.75	4,462	se.	32	w.	31	7	12	12	7
Ashland	.....	.....	.....	.....	.....	..	.....	..	.....	45.4	.....	75.0	21	58.2	21.0	9	32.5	54.0	43.0	21	10.0	4	.....	.....	1.75	+0.36	.....	n.	.....	.....	..	11	..	..	..
Fort Klamath	.....	.....	.....	.....	.....	..	.....	..	.....	34.0	.....	66.0	22	45.4	−3.0	9	22.6	63.0	38.0	9	9.0	7	.....	.....	2.01	+0.54	.....	w.	.....	.....	..	10	..	..	..
Lakeview	.....	.....	.....	.....	.....	..	.....	..	.....	36.8	.....	66.0	21	47.7	1.5	9	25.8	65.5	37.0	21	12.0	7	.....	.....	1.91	+0.33	.....	.....	.....	.....	..	11	..	..	..
Linkville	.....	.....	.....	.....	.....	..	.....	..	.....	38.3	.....	65.0	22	49.0	7.1	9	27.6	57.9	37.0	27	8.3	4	.....	.....	1.39	−0.05	.....	nw.	.....	.....	..	8	..	..	..
Spokane Falls	1,909	27.94	−.02	29.99	30.35	21	29.54	28	0.81	38.4	−1.6	62.1	22	49.0	11.9	9	28.2	50.2	35.2	22	6.9	6	69.4	28.1	0.62	−0.62	4,127	sw.	24	sw.	28	10	13	13	5
Walla Walla	1,018	28.91	−.03	30.02	30.37	21	29.64	31	0.73	44.7	−0.3	71.0	12	54.2	12.0	9	34.9	59.0	30.1	22	6.0	7	57.2	28.7	1.44	0.00	5,154	sw.	38	sw.	28	11	12	13	6
N. Pac. coast region.										44.5	0.0														4.56	−0.52										
Fort Canby	179	29.80	+.02	30.00	30.42	14	29.46	31	0.96	43.9	−0.1	56.9	21	48.5	31.8	9	40.0	25.1	19.6	21	3.3	27	84.5	39.2	6.58	+0.15	10,773	se.	63	s.	31	17	12	13	6
Neah Bay	.....	.....	.....	.....	.....	..	.....	..	.....	42.8	.....	59.0	6	50.6	24.0	9	35.0	42.8	51.2	12	33.0	8	.....	.....	11.37	.....	.....	e.	.....	.....	..	14	..	..	..
Olympia	36	29.98	+.01	30.03	30.40	14	29.58	4	0.82	43.7	−0.3	64.8	16	51.5	23.0	8	36.1	41.8	28.5	22	6.5	13	81.9	38.1	5.96	+0.57	3,052	s.	18	s.	18	16	17	9	5
Port Angeles	14	29.98	+.01	30.00	30.38	14	29.56	31	0.82	40.7	−0.3	53.3	26	47.5	22.8	9	33.3	30.5	24.7	26	3.8	3	80.4	34.7	2.89	+0.89	3,469	s.	32	w.	17	12	14	10	7
Pysht	.....	.....	.....	.....	.....	..	.....	..	.....	40.6	.....	59.0	27	47.0	22.0	9	34.2	37.0	25.0	27	5.0	31	.....	.....	10.55	.....	.....	e.	.....	.....	..	17	..	..	..
Astoria	.....	29.97	.....	29.99	30.38	14	29.46	31	0.92	45.3	+1.3	64.0	25	53.2	28.0	9	38.9	36.0	28.0	26	7.0	2	85.2	40.8	6.64	−0.21	4,513	sw.	36	sw.	11	20	18	9	4
Portland	80	29.95	.00	30.04	30.42	14	29.61	31	0.81	46.2	−0.8	67.5	21	55.7	24.5	9	36.4	43.0	31.1	22	11.0	28	77.1	38.6	2.87	−3.60	3,739	nw.	40	s.	31	14	12	16	3
Roseburg	523	29.47	−.04	30.03	30.37	14	29.54	4	0.83	47.2	+0.2	71.2	16	58.1	23.0	9	35.7	48.2	37.9	16	7.0	5	71.9	37.7	2.39	−0.94	3,111	nw.	25	se.	31	9	14	10	7
Mid. Pac. coast reg.										52.1	−0.9														3.37	+0.47										
Eureka	.....	29.98	.....	30.03	30.37	11	29.61	1	0.76	47.7	−1.3	67.8	12	54.3	32.5	9	41.9	35.3	24.2	11	4.2	23	79.1	41.1	4.09	.....	7,027	n.	36	n.	19	13	14	7	10
Red Bluff	342	29.66	−.02	30.01	30.48	11	29.66	8	0.82	54.5	−0.5	77.5	20	63.8	32.0	4	43.4	45.5	30.4	27	6.7	30	54.2	34.4	3.47	+0.74	7,644	n.	40	s.	31	12	7	10	14
Sacramento	64	29.94	−.05	30.01	30.48	11	29.64	8	0.84	53.6	−1.4	76.5	17	62.7	37.0	1	44.5	39.5	28.3	20	7.5	4	67.7	42.0	3.04	0.00	6,736	nw.	48	se.	4	8	6	8	17
San Francisco	60	29.97	−.05	30.04	30.47	11	29.64	8	0.83	52.5	−0.5	73.7	19	60.2	38.0	4	46.7	35.7	24.1	19	5.6	1	72.9	42.8	3.60	+0.68	6,085	w.	30	se.	4	11	9	9	13
S. Pac. coast region.										55.4	−0.6														2.98	+0.94										
Fresno	313	29.69	.....	30.03	30.45	11	29.60	8	0.85	54.1	.....	77.1	21	65.5	28.1	1	41.6	49.0	35.4	30	10.9	8	74.6	45.3	1.95	.....	3,590	nw.	24	se.	1	8	3	10	18
Los Angeles	339	29.67	−.02	30.03	30.33	11	29.66	8	0.67	55.1	−0.9	79.0	12	64.8	35.9	1	46.5	43.1	30.0	12	8.3	4	77.6	47.4	3.17	+0.48	4,621	w.	30	e.	8	11	9	12	10
San Diego	67	29.98	−.02	30.05	30.29	10	29.77	8	0.52	55.8	−0.2	72.0	12	62.2	41.0	1	48.8	31.0	26.0	12	9.0	18	81.4	50.0	2.79	+1.39	4,312	w.	21	sw.	2	10	12	10	9

NOTE.—The data at Pike's Peak, Colo., and stations having no departures are not used in computing the district averages. * Record for 16 days; † 46.0, record for 16 days; ‡ 13.3, record for 16 days; § record for 18 days.