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CLOSED JULY 5, 1945
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METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR MAY 1945

AEROLOGICAL OBSERVATIONS

TABLE 1.—*Mean free-air barometric pressure in millibars, temperature in degrees centigrade, and relative humidities in percent, obtained by radiosondes during May 1945*

STATIONS AND ELEVATIONS IN METERS ABOVE SEA LEVEL

Altitude (meters) m. s. l.	Albany, N. Y. (86 m.)				Albuquerque, N. Mex. (1,620 m.)				Apalachicola, Fla. (5 m.)				Atlanta, Ga. (300 m.)				Big Spring, Tex. (774 m.)				Bismarck, N. Dak. (505 m.)				Boise, Idaho (868 m.)			
	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity
Surface	31	1,001	10.8	78	31	834	20.7	19	31	1,015	21.3	82	31	981	17.7	71	31	923	23.8	37	30	956	9.3	59	31	912	15.0	58
500	31	953	9.3	74					31	960	20.4	64	31	958	18.4	62												
1,000	31	897	6.6	75					31	905	17.6	57	31	904	16.0	59	31	899	22.7	36	30	900	8.1	54	31	898	15.2	51
1,500	31	844	4.4	74					31	854	15.1	49	31	852	13.0	58	31	849	20.0	35	30	847	4.8	58	31	846	12.3	46
2,000	31	793	1.3	75	31	797	18.9	20	31	804	12.1	46	31	802	10.4	47	31	801	17.2	30	30	796	1.5	61	31	796	8.3	49
2,500	31	745	−1.9	72	31	752	15.3	21	31	757	9.2	43	31	756	7.6	42	31	755	14.1	27	30	748	−1.5	61	31	750	4.2	54
3,000	31	699	−4.6	67	31	708	11.0	24	31	712	6.3	40	31	710	4.6	38	31	711	10.7	28	30	702	−4.2	63	31	704	0.2	58
4,000	31	615	−9.2	55	31	627	1.8	35	30	630	0.3	35	30	628	−1.6	36	31	630	2.6	33	30	618	−9.8	61	31	621	−6.9	63
5,000	31	540	−15.3	53	31	552	−7.1	53	29	556	−6.3	39	29	552	−8.8	40	30	555	−5.5	39	30	542	−15.9	50	30	546	−13.4	62
6,000	31	472	−22.0		30	485	−15.4	58	29	488	−12.8		29	485	−15.6	41	30	488	−13.1	43	30	474	−22.7		30	478	−20.6	57
7,000	31	411	−29.4		29	424	−22.5		29	427	−19.4		29	424	−22.4		30	427	−19.9		30	413	−30.0		30	417	−28.2	
8,000	31	357	−36.4		29	370	−29.3		29	373	−26.0		29	369	−29.7		29	373	−27.3		30	358	−37.6		30	361	−36.0	
9,000	31	308	−43.2		29	320	−36.8		28	324	−34.0		28	320	−37.1		29	323	−34.8		29	308	−45.0		30	312	−43.7	
10,000	31	265	−49.2		28	277	−44.3		28	280	−42.1		28	276	−44.2		29	280	−42.2		28	265	−51.3		28	269	−50.3	
11,000	31	228	−53.3		28	238	−51.2		28	241	−49.8		27	237	−51.4		29	241	−49.6		26	227	−54.9		28	231	−55.4	
12,000	27	195	−55.2		28	203	−57.4		27	207	−56.3		25	202	−57.3		29	206	−56.2		22	194	−53.8		25	196	−56.7	
13,000	26	166	−56.6		22	173	−59.3		25	176	−60.3		25	173	−58.8		26	176	−60.4		18	166	−53.4		21	167	−56.2	
14,000	17	141	−56.3		19	147	−60.1		22	150	−62.1		19	147	−59.9		19	150	−62.0		15	142	−52.9		14	143	−55.5	
15,000	15	121	−56.4		14	126	−61.6		17	128	−64.3		15	125	−60.8		12	128	−64.5		10	122	−54.3		10	122	−56.0	
16,000	11	104	−57.5		10	107	−64.2		12	108	−66.8		10	106	−61.9		7	108	−67.6		8	105	−55.6		6	104	−57.6	
17,000	7	89	−57.4						5	92	−67.5		6	90	−63.2													

Altitude (meters) m. s. l.	Brownsville, Tex. (6 m.)				Buffalo, N. Y. (221 m.)				Caribou, Maine (193 m.)				Charleston, S. C. (14 m.)				Denver, Colo. (1,616 m.)				Dodge City, Kans. (787 m.)				El Paso, Tex. (1,195 m.)			
	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity
Surface	31	1,012	24.1	81	30	986	8.9	82	31	990	7.7	79	30	1,014	17.9	86	22	835	13.5	52	31	921	15.3	66	31	878	25.9	15
500	31	956	21.4	76	30	953	8.3	75	31	953	6.8	72	30	958	19.3	61												
1,000	31	903	21.0	46	30	897	6.1	74	31	897	4.2	72	30	904	16.1	57					31	898	15.9	58				
1,500	31	852	19.4	34	30	844	3.4	75	31	843	1.3	72	30	852	13.2	55					31	847	14.2	53	31	848	24.7	15
2,000	31	803	17.2	30	30	793	0.6	73	31	792	−1.7	76	30	803	10.2	53	22	797	12.4	47	31	798	12.0	50	31	800	20.8	16
2,500	31	758	14.3	30	30	745	−2.3	73	30	744	−4.7	72	30	756	7.3	50	22	751	9.3	49	31	752	9.4	43	31	755	16.7	18
3,000	31	713	11.0	30	30	699	−4.6	63	30	698	−6.8	69	30	711	4.4	48	22	707	5.7	51	31	707	6.4	39	31	711	12.2	21
4,000	31	632	4.2	32	29	615	−10.3	63	30	613	−12.2	65	30	628	−1.8	47	22	624	−1.6	59	31	625	−0.5	40	31	630	3.5	28
5,000	30	558	−3.1	36	29	539	−15.8	59	30	537	−17.9	53	30	553	−8.1	41	22	550	−9.1	66	31	551	−7.9	49	31	556	−4.7	40
6,000	27	491	−9.9		26	472	−22.1		30	469	−24.4		30	485	−14.8	38	20	482	−16.3		31	484	−14.9	49	30	489	−12.1	39
7,000	27	430	−17.0		26	411	−29.5		30	408	−31.5		30	425	−21.5		20	422	−23.5		31	423	−21.9		29	428	−19.3	
8,000	27	376	−24.6		25	356	−36.8		29	353	−39.1		28	371	−28.4		20	367	−31.1		31	368	−29.6		28	374	−26.7	
9,000	27	327	−32.4		23	307	−43.6		29	305	−45.7		28	322	−35.4		20	318	−39.1		30	319	−37.2		27	324	−34.1	
10,000	27	283	−39.9		23	264	−48.7		27	261	−51.1		24	278	−43.5		20	274	−47.2		28	276	−45.0		27	281	−41.7	
11,000	25	244	−47.1		21	227	−52.6		22	224	−52.8		23	240	−51.0		19	236	−54.4		28	237	−51.9		26	241	−49.3	
12,000	23	209	−54.4		21	194	−55.1		20	192	−53.0		22	205	−57.0		14	201	−59.8		26	202	−57.6		24	207	−55.4	
13,000	21	179	−60.3		15	164	−53.2		15	164	−52.7		21	175	−60.0		10	171	−61.0		25	172	−60.4		21	177	−59.6	
14,000	16	152	−64.4		12	140	−52.9		12	140	−53.5		19	149	−62.2		6	146	−60.9		21	147	−59.9		16	151	−61.9	
15,000	13	129	−68.0		9	121	−54.1		10	120	−52.8		13	127	−62.5						18	125	−60.2		6	128	−61.2	
16,000	9	110	−71.0		7	103	−54.7		6	103	−53.8		7	109	−63.8						9	150	−61.1		5	110	−64.1	
17,000					5	88	−55.3														7	91	−62.3					

Altitude (meters) m. s. l.	Ely, Nev. (1,908 m.)				Glasgow, Mont. (648 m.)				Grand Junction, Colo. (1,414 m.)				Great Falls, Mont. (1,128 m.)				Greensboro, N. C. (273 m.)				Hatteras, N. C. (3 m.)				Havana, Cuba[1] (51 m.)			
	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity
Surface	31	806	11.7	47	31	938	12.0	50	31	854	18.7	30	31	886	10.9	53	30	982	15.2	73	31	1,015	18.3	78				
500																	30	956	15.9	63	31	958	16.6	65				
1,000					31	900	10.4	47									30	901	13.0	60	31	903	13.5	64				
1,500					31	847	6.5	54	31	845	18.7	29	31	847	8.9	51	30	849	10.1	59	31	850	10.3	61				
2,000	31	797	12.0	43	31	796	2.3	61	31	796	15.6	28	31	797	5.1	55	30	799	7.1	58	31	800	7.4	59				
2,500	31	751	9.3	40	31	748	−1.0	64	31	751	11.4	32	31	749	1.6	60	30	752	3.9	58	31	753	4.5	58				
3,000	31	706	5.0	45	31	702	−3.8	59	31	706	7.0	36	31	704	−2.1	64	30	707	1.0	56	31	708	1.7	54				
4,000	31	624	−3.4	60	30	618	−9.8	59	31	625	−2.0	51	31	620	−8.9	69	30	623	−5.0	46	30	625	−3.5	45				
5,000	31	549	−11.3	74	30	542	−16.0	50	31	550	−10.0	67	30	544	−14.9	58	30	548	−11.1	50	30	550	−9.5	36				
6,000	31	481	−18.4	60	29	475	−22.8		29	482	−17.7	59	30	476	−21.6		30	480	−17.8		29	482	−16.2	41				
7,000	30	420	−26.2		29	413	−29.9		29	421	−25.2		30	414	−29.0		30	420	−25.0		28	422	−23.2					
8,000	30	365	−33.7		28	358	−37.6		28	366	−32.3		29	359	−36.8		30	365	−32.6		28	367	−30.5					
9,000	30	315	−41.1		28	309	−45.2		28	317	−40.3		29	310	−44.7		30	316	−39.8		28	318	−37.9					
10,000	30	272	−48.2		27	266	−52.2		27	273	−47.9		29	267	−51.7		30	272	−46.7		28	275	−45.2					
11,000	28	233	−53.8		25	227	−55.6		26	234	−54.6		27	228	−56.1		29	233	−53.2		27	235	−52.3					
12,000	24	199	−57.0		21	194	−55.8		20	199	−59.3		21	195	−56.9		26	199	−58.2		23	202	−57.4					
13,000	18	169	−56.5		19	166	−55.4		16	170	−60.1		17	167	−57.2		20	168	−58.9		21	172	−60.7					
14,000	12	145	−56.9		14	142	−54.3		9	145	−59.4		14	142	−56.0		16	144	−59.4		17	147	−60.9					
15,000	9	124	−57.0		10	122	−53.6		6	123	−59.7		7	122	−55.2		12	123	−60.1		9	125	−61.0					
16,000	6	106	−56.8		5	104	−53.0										7	104	−60.8									

See footnotes at end of table.

TABLE 1.—*Mean free-air barometric pressure in millibars, temperature in degrees centigrade, and relative humidities in percent, obtained by radiosondes during May 1945*—Continued

Altitude (meters) m. s. l.	Huntington, W. Va. (172 m.)				International Falls, (343 m.)				Jackson, Miss. (97 m.)				Joliet, Ill. (178 m.)				Lake Charles, La. (5 m.)				Little Rock, Ark. (79 m.)				Louisville, Ky. (165 m.)			
	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity
Surface	31	994	13.3	81	31	974	7.2	63	31	1,003	19.3	76	31	992	10.6	79	31	1,014	21.0	85	30	1,004	18.9	75	31	994	15.1	75
500	31	956	14.1	69	31	955	7.2	58	31	957	19.3	66	31	954	10.8	68	31	958	19.1	76	30	957	18.1	65	31	955	14.7	67
1,000	31	901	11.0	70	31	899	3.9	60	31	903	16.4	64	31	898	8.4	69	31	904	17.4	55	30	902	15.1	62	31	900	11.7	67
1,500	31	848	7.8	70	31	845	0.4	65	31	851	14.7	53	31	845	5.9	69	31	853	15.9	44	30	850	13.1	54	31	848	8.6	67
2,000	31	798	5.0	70	31	793	−2.9	68	31	802	12.7	42	31	795	3.5	65	31	804	14.0	35	30	801	11.0	49	31	797	6.0	65
2,500	31	750	2.5	63	31	744	−5.5	64	31	756	9.8	42	31	748	1.0	61	31	758	11.5	32	30	754	8.6	40	31	750	3.7	60
3,000	31	705	−0.1	58	31	698	−7.9	51	31	711	6.8	40	31	702	−1.6	58	31	713	8.4	33	30	709	5.7	37	31	705	1.0	60
4,000	30	622	−5.8	56	30	613	−13.2	51	31	629	0.1	40	30	618	−7.2	59	31	631	1.3	37	30	627	−0.8	36	31	622	−4.9	56
5,000	29	547	−11.7	55	29	537	−19.2	51	31	554	−6.9	45	30	543	−12.9	55	30	556	−5.4	36	30	553	−8.1	41	31	547	−11.2	58
6,000	29	479	−18.2	49	29	469	−25.5	----	31	487	−13.7	----	30	476	−19.8	50	30	489	−12.1	----	29	485	−15.6	44	30	479	−18.1	56
7,000	29	418	−25.4	----	27	408	−32.6	----	31	426	−20.3	----	30	415	−27.2	----	30	429	−19.2	----	29	424	−22.8	----	30	419	−25.1	----
8,000	29	364	−32.8	----	27	352	−39.9	----	31	372	−27.4	----	30	360	−34.7	----	30	374	−26.7	----	28	369	−30.1	----	30	364	−32.3	----
9,000	29	315	−39.8	----	27	304	−46.3	----	31	322	−35.2	----	30	311	−42.0	----	29	324	−34.6	----	28	320	−37.5	----	29	315	−39.7	----
10,000	29	271	−46.6	----	27	261	−51.1	----	31	279	−42.9	----	28	268	−48.1	----	28	281	−42.2	----	28	276	−44.8	----	28	272	−46.1	----
11,000	29	233	−52.8	----	27	224	−53.6	----	30	240	−50.4	----	26	230	−53.2	----	26	242	−49.8	----	28	237	−51.8	----	27	234	−52.5	----
12,000	28	199	−56.8	----	27	191	−53.1	----	29	205	−56.7	----	24	196	−56.6	----	24	207	−56.3	----	28	203	−57.6	----	22	200	−57.8	----
13,000	22	170	−59.1	----	24	164	−51.7	----	29	175	−60.7	----	20	168	−57.6	----	24	177	−61.2	----	25	173	−60.6	----	20	170	−59.4	----
14,000	14	144	−57.9	----	20	140	−51.6	----	22	149	−62.0	----	19	144	−58.0	----	19	150	−64.5	----	21	147	−60.9	----	14	146	−60.0	----
15,000	11	123	−58.8	----	14	120	−52.0	----	18	127	−63.9	----	13	123	−59.2	----	11	128	−66.2	----	13	125	−62.3	----	10	124	−61.0	----
16,000	6	106	−59.3	----	10	103	−52.6	----	8	107	−65.5	----	12	105	−59.8	----	----	----	----	----	9	106	−64.0	----	----	----	----	----
17,000	----	----	----	----	6	89	−52.8	----	----	----	----	----	7	90	−62.1	----	----	----	----	----	----	----	----	----	----	----	----	----

Altitude (meters) m. s. l.	Mazatlan, Mexico (80 m.)				Medford, Oreg. (409 m.)				Merida, Mexico (27 m.)				Miami, Fla. (4 m.)				Nashville, Tenn. (180 m.)				North Platte, Nebr. (849 m.)				Oakland, Calif. (2 m.)			
Surface	28	1,003	24.3	80	31	966	16.3	61	31	1,009	27.6	63	31	1,016	23.0	75	31	993	17.2	76	29	916	12.1	66	31	1,016	13.8	76
500	28	956	24.2	46	31	957	15.9	60	31	957	24.8	60	31	960	20.9	74	31	956	16.3	69	----	----	----	----	31	958	10.4	74
1,000	28	903	24.0	35	31	902	12.7	62	30	904	22.4	55	31	906	17.9	70	31	902	13.4	69	29	899	12.1	60	31	902	10.3	56
1,500	28	853	21.2	38	31	849	9.1	67	30	853	19.4	57	31	855	15.3	64	31	850	10.4	68	29	847	10.1	55	31	849	9.2	46
2,000	28	804	18.3	35	31	799	5.5	72	30	804	15.9	58	31	805	12.8	53	31	800	8.0	59	29	797	7.9	56	31	799	6.8	41
2,500	28	759	15.4	34	31	752	2.1	72	30	758	12.3	58	31	759	10.2	45	31	753	5.6	58	29	750	5.7	56	31	752	3.8	39
3,000	28	715	12.2	26	31	705	−1.0	68	30	714	9.4	47	31	714	7.5	44	31	708	2.9	56	29	705	2.8	54	31	706	0.7	41
4,000	25	633	5.4	32	30	622	−7.3	60	30	632	3.9	30	31	632	2.0	35	28	625	−3.0	51	29	623	−3.6	54	31	623	−6.2	46
5,000	25	560	−2.1	----	30	546	−14.1	55	25	559	−1.9	28	31	557	−4.3	33	28	550	−9.7	50	29	548	−10.5	59	31	547	−13.0	54
6,000	25	492	−9.3	----	30	478	−21.2	----	25	492	−8.2	----	31	490	−10.5	----	28	482	−16.3	48	29	480	−17.6	59	31	480	−19.9	47
7,000	23	432	−16.8	----	28	417	−28.8	----	25	432	−15.1	----	31	430	−17.2	----	28	422	−23.5	----	29	420	−24.5	----	31	418	−27.0	----
8,000	21	377	−24.3	----	25	361	−37.2	----	25	377	−21.8	----	31	375	−24.6	----	28	367	−30.9	----	29	365	−31.8	----	30	363	−34.4	----
9,000	21	328	−32.1	----	24	312	−44.0	----	25	328	−29.3	----	31	326	−32.1	----	28	318	−38.1	----	29	316	−39.5	----	30	314	−41.7	----
10,000	20	285	−39.8	----	24	268	−49.5	----	25	285	−37.2	----	31	283	−39.7	----	26	274	−45.4	----	29	272	−47.2	----	30	270	−47.7	----
11,000	18	245	−47.7	----	23	230	−53.4	----	25	246	−45.1	----	31	244	−47.3	----	25	236	−51.9	----	26	233	−54.8	----	30	232	−52.0	----
12,000	15	210	−55.3	----	22	196	−55.7	----	23	211	−52.6	----	31	209	−54.6	----	23	202	−57.2	----	23	199	−59.0	----	28	199	−55.2	----
13,000	8	178	−61.0	----	18	167	−56.0	----	18	181	−59.2	----	26	178	−60.2	----	22	173	−59.7	----	19	170	−60.6	----	25	169	−56.6	----
14,000	----	----	----	----	16	143	−54.9	----	----	----	----	----	25	152	−64.4	----	18	147	−60.5	----	12	145	−59.0	----	22	145	−56.2	----
15,000	----	----	----	----	12	122	−55.5	----	----	----	----	----	13	129	−67.1	----	14	125	−60.7	----	10	123	−60.0	----	12	124	−56.7	----
16,000	----	----	----	----	8	105	−54.3	----	----	----	----	----	6	109	−68.8	----	11	106	−61.5	----	5	105	−59.3	----	5	105	−56.4	----
17,000	----	----	----	----	6	90	−54.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Altitude (meters) m. s. l.	Ogden, Utah (1,355 m.)				Oklahoma City, Okla. (391 m.)				Omaha, Nebr. (308 m.)				Phoenix, Ariz. (339 m.)				Pittsburgh, Pa. (382 m.)				Portland, Maine (20 m.)				Rapid City, S. Dak. (981 m.)			
Surface	30	860	15.0	48	31	966	17.9	72	27	978	15.0	66	31	969	26.0	20	30	968	12.4	68	30	1,010	8.2	85	24	902	8.9	64
500	----	----	----	----	31	954	18.2	67	27	956	14.6	62	31	951	27.6	15	30	955	12.3	65	30	954	8.8	69	----	----	----	----
1,000	----	----	----	----	31	900	16.3	63	27	900	11.4	62	31	898	24.6	14	30	899	10.0	62	30	898	6.8	68	24	900	8.9	63
1,500	30	846	15.2	43	31	849	14.5	58	27	848	8.7	62	31	848	20.4	16	30	846	6.8	64	30	844	4.0	72	24	847	7.3	59
2,000	30	797	12.2	42	31	800	12.8	45	27	798	6.1	60	31	800	15.9	19	30	796	3.6	61	30	793	1.0	76	24	797	4.1	63
2,500	30	750	8.1	45	31	754	10.5	36	27	751	3.8	50	31	754	11.5	22	30	748	0.7	61	30	746	−1.5	76	24	750	1.5	66
3,000	30	706	4.0	49	31	709	7.6	32	27	706	0.8	52	31	710	7.2	25	30	703	−2.0	57	30	700	−4.1	73	24	704	−1.6	66
4,000	30	623	−4.1	59	31	627	0.3	38	27	622	−4.9	44	31	628	−0.2	27	30	619	−7.0	50	30	616	−9.1	67	24	620	−6.9	65
5,000	30	548	−12.0	67	31	553	−7.1	42	27	547	−11.3	45	30	553	−7.1	28	30	544	−13.3	52	29	540	−15.3	60	24	545	−13.2	58
6,000	30	480	−18.9	51	30	485	−14.5	43	27	480	−17.9	49	30	486	−14.0	----	30	476	−19.5	41	29	473	−21.7	----	24	477	−19.6	----
7,000	30	419	−26.4	----	30	425	−21.8	----	27	419	−25.0	----	30	425	−20.9	----	30	416	−26.1	----	29	412	−28.7	----	24	416	−26.9	----
8,000	29	364	−34.4	----	30	370	−29.0	----	27	364	−32.6	----	29	370	−28.7	----	30	361	−33.2	----	28	357	−36.6	----	24	362	−34.4	----
9,000	29	315	−42.1	----	30	321	−36.5	----	27	315	−39.9	----	29	321	−36.2	----	30	312	−39.9	----	27	309	−43.8	----	23	312	−42.5	----
10,000	29	271	−49.4	----	29	278	−43.8	----	27	272	−47.1	----	28	277	−43.8	----	30	269	−46.1	----	27	266	−49.6	----	23	269	−50.4	----
11,000	28	232	−55.2	----	29	238	−51.1	----	25	233	−53.7	----	26	239	−50.6	----	29	231	−51.7	----	25	228	−53.4	----	19	230	−57.0	----
12,000	27	198	−58.5	----	25	204	−57.4	----	17	198	−58.1	----	24	204	−56.4	----	28	197	−55.9	----	23	194	−55.4	----	15	196	−59.2	----
13,000	23	168	−57.7	----	24	174	−61.1	----	17	169	−58.8	----	18	174	−59.6	----	28	169	−56.8	----	15	166	−55.0	----	10	166	−59.7	----
14,000	16	144	−56.4	----	20	148	−62.0	----	12	145	−57.9	----	15	148	−59.9	----	26	144	−56.8	----	12	142	−53.7	----	5	142	−56.7	----
15,000	10	123	−57.9	----	19	126	−63.8	----	10	123	−57.8	----	10	127	−61.4	----	21	122	−56.2	----	7	121	−52.9	----	----	----	----	----
16,000	6	106	−58.1	----	14	107	−65.4	----	7	105	−59.6	----	6	108	−62.8	----	18	104	−56.1	----	----	----	----	----	----	----	----	----
17,000	----	----	----	----	6	91	−67.3	----	----	----	----	----	----	----	----	----	10	89	−56.4	----	----	----	----	----	----	----	----	----
18,000	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7	75	−56.6	----	----	----	----	----	----	----	----	----

See footnotes at end of table.

TABLE 1.—*Mean free-air barometric pressure in millibars, temperature in degrees centigrade, and relative humidities in percent, obtained by radiosondes during May 1945*—Continued

Altitude (meters) m. s. l.	St. Louis, Mo. (171 m.)				St. Paul, Minn. (225 m.)				San Antonio, Tex. (240 m.)				San Juan, P. R. (15 m.)				Santa Maria, Calif. (71 m.)				Sault Ste. Marie, Mich. (221 m.)				Spokane, Wash. (598 m.)			
	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity	Number of observations	Pressure	Temperature	Relative humidity
Surface	30	994	14.6	76	31	987	11.6	59	31	985	22.8	69	31	1,013	24.6	85	31	1,008	12.3	85	31	987	5.5	79	31	942	15.5	58
500	30	956	13.8	68	31	955	10.1	55	31	956	22.1	66	31	959	21.6	83	31	958	10.5	83	31	954	6.3	65	----	----	----	----
1,000	30	902	11.2	67	31	899	6.9	59	31	902	19.5	60	31	905	18.6	80	31	902	10.8	61	31	897	3.7	61	31	899	13.7	49
1,500	30	848	9.0	65	31	845	3.7	62	31	851	17.9	45	31	853	15.9	77	31	850	10.7	46	31	843	1.0	60	31	846	9.6	54
2,000	30	798	6.9	62	31	794	0.4	61	31	802	16.2	33	31	804	13.3	71	31	800	7.9	43	31	792	−1.8	59	31	796	5.3	61
2,500	30	751	4.7	55	31	746	−2.2	52	31	757	13.7	26	31	758	10.8	64	31	752	5.0	39	31	744	−4.0	56	31	749	1.1	66
3,000	30	706	2.0	56	31	700	−4.7	53	31	712	10.5	29	31	713	8.3	56	31	707	1.7	41	31	697	−7.1	54	31	703	−2.6	68
4,000	30	623	−3.9	51	29	616	−10.1	52	31	631	3.5	30	31	632	3.3	48	31	624	−4.6	40	31	613	−12.1	50	31	619	−8.6	64
5,000	30	548	−10.6	47	29	541	−16.0	45	31	557	−4.0	30	28	558	−1.9	37	31	549	−11.5	44	31	537	−17.9	48	31	543	−15.0	54
6,000	30	480	−17.3	35	29	473	−22.5	----	30	490	−10.9	----	27	491	−8.0	39	30	481	−18.1	----	31	470	−24.3	----	31	475	−22.0	----
7,000	30	420	−24.7	----	29	412	−29.8	----	30	430	−17.7	----	27	432	−14.7	46	30	420	−25.1	----	31	408	−31.3	----	31	414	−29.7	----
8,000	29	365	−31.8	----	29	357	−37.2	----	30	375	−25.1	----	25	377	−21.5	----	30	365	−32.6	----	31	354	−38.5	----	31	359	−37.1	----
9,000	28	316	−39.3	----	29	308	−44.0	----	30	326	−32.7	----	24	329	−29.0	----	30	316	−40.1	----	31	305	−45.4	----	28	310	−44.9	----
10,000	28	273	−46.3	----	29	265	−50.2	----	29	282	−40.4	----	24	285	−36.7	----	28	272	−47.3	----	31	262	−50.9	----	28	266	−51.4	----
11,000	26	234	−52.7	----	29	227	−54.5	----	29	243	−48.0	----	24	246	−44.6	----	27	234	−53.6	----	29	225	−53.5	----	27	228	−54.3	----
12,000	24	200	−58.0	----	27	194	−56.8	----	29	208	−54.7	----	24	212	−52.2	----	25	200	−58.2	----	28	192	−52.9	----	22	195	−55.5	----
13,000	17	171	−60.2	----	25	166	−55.8	----	27	177	−60.0	----	23	181	−59.8	----	25	170	−59.4	----	24	164	−52.4	----	20	166	−55.4	----
14,000	13	145	−59.2	----	21	141	−55.1	----	20	152	−63.5	----	18	153	−66.4	----	23	145	−59.3	----	20	140	−52.4	----	13	141	−52.9	----
15,000	12	124	−60.6	----	19	121	−55.6	----	12	129	−65.6	----	15	130	−71.7	----	20	123	−60.0	----	16	120	−52.3	----	11	121	−53.5	----
16,000	5	105	−59.8	----	14	103	−57.2	----	7	110	−68.5	----	7	109	−74.4	----	17	105	−61.5	----	8	103	−53.3	----	9	104	−53.9	----
17,000	----	----	----	----	11	88	−57.5	----	----	----	----	----	----	----	----	----	12	90	−62.0	----	----	----	----	----	5	89	−53.8	----
18,000	----	----	----	----	8	75	−57.6	----	----	----	----	----	----	----	----	----	6	76	−61.3	----	----	----	----	----	----	----	----	----
19,000	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	65	−62.2	----	----	----	----	----	----	----	----	----

Altitude (meters) m. s. l.	Swan Island, W. I.[1] (10 m.)				Tacubaya, Mexico (2,306 m.)				Tampa, Fla. (3 m.)				Tatoosh Island, Wash. (31 m.)				Toledo, Ohio (191 m.)				Washington, D. C. (25 m.)			
Surface	----	----	----	----	31	774	17.1	54	31	1,016	22.8	73	31	1,011	10.6	88	28	989	10.8	78	31	1,014	15.9	68
500	----	----	----	----	----	----	----	----	31	960	20.5	64	31	956	9.3	77	28	953	10.8	70	31	955	14.0	59
1,000	----	----	----	----	----	----	----	----	31	906	17.9	56	31	900	8.3	66	28	898	8.9	68	31	900	10.7	60
1,500	----	----	----	----	----	----	----	----	31	854	14.9	53	31	846	6.2	61	28	845	6.0	70	31	847	7.6	61
2,000	----	----	----	----	----	----	----	----	31	805	11.9	51	31	796	3.2	57	28	794	3.0	70	31	797	4.3	60
2,500	----	----	----	----	31	757	15.8	53	31	758	9.1	45	31	749	0.4	50	28	747	0.3	64	31	749	1.3	55
3,000	----	----	----	----	31	713	12.1	55	31	713	6.3	38	31	703	−2.7	46	28	701	−2.1	60	31	704	−1.4	54
4,000	----	----	----	----	31	632	4.5	63	31	631	0.6	34	31	619	−8.8	46	27	618	−7.8	52	31	620	−6.7	45
5,000	----	----	----	----	31	558	−2.6	68	31	556	−5.8	34	31	543	−15.3	44	25	542	−14.4	50	31	545	−13.1	46
6,000	----	----	----	----	30	492	−9.0	67	31	488	−12.1	----	31	474	−22.3	----	25	474	−21.1	----	31	477	−19.8	43
7,000	----	----	----	----	28	432	−14.3	----	30	428	−19.2	----	31	414	−30.1	----	25	414	−28.3	----	29	416	−26.3	----
8,000	----	----	----	----	27	377	−21.5	----	29	373	−26.9	----	31	359	−37.5	----	24	358	−35.8	----	28	362	−33.3	----
9,000	----	----	----	----	27	329	−28.8	----	29	324	−34.6	----	30	309	−44.6	----	22	310	−42.7	----	25	314	−40.1	----
10,000	----	----	----	----	26	286	−36.4	----	29	280	−42.3	----	28	266	−50.4	----	20	268	−48.2	----	24	271	−47.0	----
11,000	----	----	----	----	25	246	−44.3	----	28	241	−50.1	----	28	228	−53.8	----	19	230	−52.8	----	24	233	−53.2	----
12,000	----	----	----	----	18	212	−51.7	----	26	207	−56.5	----	28	195	−55.9	----	16	197	−55.0	----	24	199	−57.5	----
13,000	----	----	----	----	7	182	−58.6	----	25	176	−61.0	----	26	166	−55.4	----	15	168	−55.4	----	20	169	−59.1	----
14,000	----	----	----	----	----	----	----	----	19	150	−63.3	----	25	142	−55.4	----	14	144	−55.6	----	17	144	−59.8	----
15,000	----	----	----	----	----	----	----	----	11	127	−65.3	----	20	121	−54.9	----	12	123	−56.4	----	16	123	−58.7	----
16,000	----	----	----	----	----	----	----	----	6	108	−68.9	----	15	103	−55.6	----	9	105	−56.0	----	11	104	−59.2	----
17,000	----	----	----	----	----	----	----	----	5	91	−70.0	----	9	88	−55.0	----	6	90	−56.5	----	----	----	----	----
18,000	----	----	----	----	----	----	----	----	----	----	----	----	5	75	−54.3	----	----	----	----	----	----	----	----	----

[1] Data not received.

NOTE.—All observations scheduled between 10 p. m. and midnight, E. S. T. (0300 and 0500 G. C. T.), except at Mazatlan and Merida, where they are taken near 9 p. m., E. S. T. (0200 G. C. T.).

"Number of observations" refers to pressure only. (In a few cases temperature or humidity data may be missing for one or more levels of some observations.) Relative humidity data are not published for levels having a corresponding mean temperature below −20° C.

All relative humidity observations are obtained by electric hygrometer and have been adjusted to compensate for the values occurring below the operating range of the humidity element. For explanation of the adjustment see article entitled "Curve Method for Obtaining Monthly Means of Relative Humidity," page 241, MONTHLY WEATHER REVIEW, December 1944.

None of the means included in these tables are based on less than 15 surface or 5 standard level observations.

Data for Havana, Cuba, and Swan Island, West Indies, will appear in a later issue.

TABLE 2.—*Free-air resultant winds based on pilot balloon observations made near 5 p. m., E. S. T. (2200 G. C. T.) during May 1945. Directions given in degrees from north (N=360°, E=90°, S=180°, W=270°). Velocities in meters per second*

Altitude (meters) m. s. l.	Abilene, Tex. (534 m.)			Albuquerque, N.Mex. (1,630 m.)			Atlanta, Ga. (299 m.)			Billings, Mont. (1,095 m.)			Bismarck, N. Dak. (512 m.)			Boise, Idaho (868 m.)			Brownsville, Tex. (7 m.)			Buffalo, N. Y. (220 m.)			Burlington, Vt. (132 m.)			Charleston, S. C. (16 m.)			Cincinnati, Ohio (152 m.)			Denver, Colo. (1,627 m.)			El Paso, Tex. (1,196 m.)		
	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity
Surface	31	150	4.3	31	248	4.9	30	257	3.6	28	25	1.3	31	1	2.3	31	313	3.0	31	131	6.6	24	242	6.5	27	268	1.1	31	206	1.8	31	259	1.9	31	29	2.2	31	250	6.9
500	---	---	---	---	---	---	30	254	3.6	---	---	---	---	---	---	---	---	---	31	147	7.8	24	250	7.7	27	243	2.9	31	208	4.0	31	249	3.6	---	---	---	---	---	---
1,000	31	168	5.4	---	---	---	30	264	4.2	---	---	---	31	360	2.1	31	314	3.4	27	162	5.3	22	255	7.5	27	233	4.4	30	247	4.4	27	263	4.3	---	---	---	---	---	---
1,500	31	197	5.4	---	---	---	30	270	4.9	28	5	2.0	30	331	2.2	31	304	3.5	18	168	4.5	20	261	8.0	23	258	5.9	30	270	5.6	24	263	6.8	---	---	---	31	249	6.9
2,000	30	220	6.3	31	244	5.1	27	280	6.4	27	358	1.2	24	315	2.7	31	282	4.2	18	173	4.5	17	276	9.2	19	256	7.0	26	288	6.8	19	264	9.4	31	35	1.0	31	248	7.2
2,500	30	241	7.5	31	241	5.2	21	280	7.7	25	285	2.2	21	297	3.4	30	262	3.8	16	159	4.6	13	286	11.1	12	262	6.3	25	298	8.7	16	269	10.5	29	132	0.8	31	246	7.3
3,000	29	247	9.3	31	244	6.0	18	285	7.4	24	278	6.0	21	279	5.2	26	262	4.2	16	164	3.2	11	289	14.8	---	---	---	20	299	9.6	11	279	10.6	27	241	0.8	31	249	8.6
4,000	27	265	9.7	30	257	8.8	16	299	10.7	16	276	8.2	11	296	9.0	23	256	5.6	12	309	1.6	---	---	---	---	---	---	16	303	10.0	---	---	---	24	265	6.6	29	252	11.1
5,000	21	274	13.1	27	249	12.7	---	---	---	12	277	11.3	---	---	---	21	257	5.5	12	294	4.3	---	---	---	---	---	---	12	312	14.1	---	---	---	15	265	10.3	27	252	14.3
6,000	17	279	14.8	23	252	16.2	---	---	---	11	282	11.5	---	---	---	15	268	6.2	11	305	6.4	---	---	---	---	---	---	10	306	14.8	---	---	---	13	269	14.2	22	253	15.3
8,000	11	277	17.3	17	261	20.0	---	---	---	---	---	---	---	---	---	11	278	9.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10,000	---	---	---	13	265	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Altitude (meters) m. s. l.	Ely, Nev. (1,910 m.)			Grand Junction, Colo. (1,413 m.)			Greensboro, N. C. (271 m.)			Havre, Mont. (767 m.)			Jacksonville, Fla. (16 m.)			Joliet, Ill. (178 m.)			Las Vegas, Nev. (573 m.)			Little Rock, Ark. (88 m.)			Medford, Oreg. (410 m.)			Miami, Fla. (12 m.)			Mobile, Ala. (66 m.)			Nashville, Tenn. (194 m.)			New York, N. Y. (15 m.)		
	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity
Surface	31	221	2.5	31	221	1.5	30	244	3.1	29	321	1.3	31	128	1.2	29	275	1.7	31	222	3.8	28	214	2.0	29	305	1.7	31	136	3.8	31	225	2.5	31	232	2.1	28	212	2.6
500	---	---	---	---	---	---	30	249	4.4	---	---	---	31	227	2.1	29	290	2.4	---	---	---	28	218	3.5	29	305	1.9	31	126	4.4	31	221	4.0	31	235	3.4	28	235	4.9
1,000	---	---	---	---	---	---	28	260	6.0	29	309	2.1	31	251	3.4	27	272	4.0	31	208	5.8	27	240	5.1	29	285	1.9	31	127	1.7	31	240	3.5	29	245	4.6	27	253	6.6
1,500	---	---	---	31	230	1.9	26	270	6.5	29	311	2.1	31	265	4.6	26	263	6.8	31	199	6.0	24	248	6.9	29	258	2.2	29	307	1.0	28	276	3.4	23	260	5.2	27	268	8.4
2,000	31	225	2.9	31	238	3.5	23	279	8.4	26	290	2.0	31	273	6.1	20	266	8.5	31	195	5.4	21	249	8.8	28	249	3.5	28	322	2.7	25	292	5.0	20	277	7.1	21	276	10.8
2,500	31	229	3.9	31	231	5.0	22	288	10.1	21	307	2.4	28	281	7.5	17	287	8.6	31	202	5.0	21	255	9.7	25	241	3.3	27	336	3.4	23	290	5.5	18	276	9.7	17	288	12.0
3,000	31	219	3.5	29	232	5.5	20	291	11.2	16	302	3.9	27	289	8.2	12	308	12.7	30	216	5.2	20	266	10.1	23	228	2.7	27	346	2.8	20	291	5.7	17	283	10.6	13	302	14.5
4,000	29	230	4.7	24	236	7.6	16	300	13.8	11	286	5.8	20	298	9.0	---	---	---	28	238	6.0	14	284	11.0	16	238	2.2	20	315	2.4	13	310	5.6	14	273	11.6	---	---	---
5,000	19	227	4.4	15	255	9.6	10	295	18.8	---	---	---	15	315	8.6	---	---	---	26	245	9.3	13	284	11.9	13	205	2.0	15	306	4.0	---	---	---	10	290	14.8	---	---	---
6,000	14	233	6.2	10	271	11.9	---	---	---	---	---	---	12	323	9.6	---	---	---	21	260	10.4	11	302	14.1	12	177	0.9	14	301	5.5	---	---	---	---	---	---	---	---	---
8,000	11	230	9.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	275	12.6	10	297	19.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	259	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Altitude (meters) m. s. l.	Oakland Calif. (8 m.)			Oklahoma City, Okla. (396 m.)			Omaha, Nebr. (306 m.)			Phoenix, Ariz. (338 m.)			Rapid City, S. Dak. (982 m.)			St. Louis, Mo. (181 m.)			St. Paul, Minn. (225 m.)			San Antonio, Tex. (240 m.)			San Diego, Calif. (15 m.)			Saulte Ste. Marie, Mich. (225 m.)			Seattle, Wash. (116 m.)			Spokane, Wash. (603 m.)			Washington, D. C. (24 m.)		
	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity	Observations	Direction	Velocity
Surface	31	259	6.5	29	181	2.5	28	20	1.0	31	254	1.8	30	22	2.6	27	242	7.6	29	327	1.4	31	166	2.4	29	268	4.1	30	314	4.1	30	266	2.1	30	264	1.6	29	243	12.1
500	31	268	6.5	29	184	3.1	28	51	0.6	31	248	2.9	---	---	---	27	251	2.2	29	332	2.5	31	167	3.5	29	275	3.7	30	317	4.3	30	263	1.8	---	---	---	29	248	14.2
1,000	27	270	4.5	29	195	4.1	28	99	0.5	31	240	3.6	30	22	2.4	26	234	4.5	25	326	3.3	31	165	3.4	22	272	1.8	27	319	4.3	29	229	2.4	30	241	2.5	27	255	15.6
1,500	23	279	4.7	28	219	5.3	23	296	1.4	31	226	3.7	30	347	0.8	24	248	6.3	22	322	3.7	30	198	3.1	20	275	2.9	24	324	4.3	26	216	1.7	30	240	2.6	27	268	18.3
2,000	22	265	3.9	27	239	7.1	20	285	4.3	31	220	4.4	25	218	1.2	17	260	9.2	21	324	4.0	29	220	4.5	20	267	3.7	20	279	5.1	20	244	0.9	27	243	2.6	27	275	19.7
2,500	22	269	4.2	26	254	9.1	19	287	6.3	31	221	5.2	23	239	3.3	15	261	10.9	17	332	5.8	28	234	4.3	20	267	4.0	15	342	5.0	17	302	1.8	21	250	2.5	25	282	11.0
3,000	20	268	5.6	26	255	10.6	14	287	9.9	31	233	7.1	22	268	6.5	15	264	11.2	14	324	6.4	26	241	5.4	19	268	6.7	15	321	5.7	16	303	1.9	15	283	2.8	23	287	11.1
4,000	20	268	7.3	23	264	13.8	10	301	10.3	31	240	10.4	14	266	10.3	---	---	---	---	---	---	23	262	5.4	18	253	8.7	12	313	10.6	16	289	3.6	12	288	8.5	21	285	12.9
5,000	19	274	9.6	19	272	15.8	---	---	---	30	244	11.2	---	---	---	---	---	---	---	---	---	20	286	7.8	18	251	12.4	10	298	16.3	14	279	4.3	---	---	---	18	289	17.0
6,000	19	271	12.2	16	278	17.4	---	---	---	29	245	15.4	---	---	---	---	---	---	---	---	---	19	287	9.7	18	246	16.4	---	---	---	12	266	4.9	---	---	---	15	289	16.4
8,000	15	258	19.0	---	---	---	---	---	---	21	248	21.0	---	---	---	---	---	---	---	---	---	14	278	15.8	17	249	22.4	---	---	---	---	---	---	---	---	---	---	---	---
10,000	---	---	---	---	---	---	---	---	---	13	272	24.2	---	---	---	---	---	---	---	---	---	---	---	---	11	250	23.2	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 3.—*Maximum free-air wind velocities (m. p. s.) for different sections of the United States based on pilot balloon observations during May 1945*

Section	Surface to 2,500 meters (m. s. l.)					Above 2,500 to 5,000 meters (m. s. l.)					Above 5,000 meters (m. s. l.)				
	Maximum velocity	Direction	Altitude (m.) m. s. l.	Date	Station	Maximum velocity	Direction	Altitude (m.) m. s. l.	Date	Station	Maximum velocity	Direction	Altitude (m.) m. s. l.	Date	Station
Northeast [1]	45.2	SW.	1,541	22	Toledo, Ohio	47.6	WSW.	3,345	9	Boston, Mass.	83.5	NW.	9,300	30	Boston, Mass.
East-Central [2]	36.4	WNW.	1,721	11	Norfolk, Va.	40.2	WNW.	4,705	10	Knoxville, Tenn.	63.2	W.	11,734	23	Raleigh, N. C.
Southeast [3]	34.8	SW.	2,446	4	Charleston, S. C.	33.6	WNW.	4,691	1	Charleston, S. C.	46.8	NW.	13,391	9	Jacksonville, Fla.
North-Central [4]	39.0	SW.	2,467	21	Milwaukee, Wis.	57.3	WNW.	5,000	30	S. Ste. Marie, Mich.	78.0	NNW.	11,525	5	St. Paul, Minn.
Central [5]	42.0	NW.	1,509	7	Sioux City, Iowa	47.8	SW.	4,443	31	Goodland, Kans.	54.3	NW.	10,963	16	Goodland, Kans.
South-Central [6]	37.7	S.	1,008	21	Oklahoma City, Okla.	42.2	W.	4,801	21	Oklahoma City, Okla.	60.0	SW.	9,833	31	Amarillo, Tex.
Northwest [7]	30.3	NW.	1,143	31	Ellensburg, Wash.	40.5	NW.	4,733	6	Spokane, Wash.	56.8	NNW.	8,565	1	Glasgow, Mont.
West-Central [8]	43.6	SSW.	2,079	17	Modena, Utah	41.8	WSW.	5,000	18	Cheyenne, Wyo.	54.8	WSW.	7,768	8	Sheridan, Wyo.
Southwest [9]	39.2	NNW.	2,474	15	Burbank, Calif.	56.0	W.	4,917	24	Raton, N. Mex.	68.0	W.	6,357	24	Raton, N. Mex.

[1] Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, and northern Ohio.
[2] Delaware, Maryland, Virginia, West Virginia, southern Ohio, Kentucky, eastern Tennessee, and North Carolina.
[3] South Carolina, Georgia, Florida, and Alabama.
[4] Michigan, Wisconsin, Minnesota, North Dakota, and South Dakota.
[5] Indiana, Illinois, Iowa, Nebraska, Kansas, and Missouri.
[6] Mississippi, Arkansas, Louisiana, Oklahoma, Texas (except El Paso), and western Tennessee.
[7] Montana, Idaho, Washington, and Oregon.
[8] Wyoming, Colorado, Utah, northern Nevada, and northern California.
[9] Southern California, southern Nevada, Arizona, New Mexico, and extreme west Texas.