

CLIMATOLOGICAL DATA.

WBO, Reno, 8 20-27-750.

NEVADA SECTION

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GENERAL SUMMARY

The average temperature for the month was about normal for the entire State, but it varied greatly in different localities. At Reno there was only two days when the daily mean temperature was below normal, and the average temperature for the month was 4.7° above normal. The monthly mean temperature was 1.6° above normal at Winnemucca, and 2.5° above normal at Tonopah. A general warm period occurred from the 10th to the 28th. The temperature reached 102° at McGill on the 13th, which is the highest temperature of record at that station. Precipitation was below normal over the greater part of the State, although there was a considerable excess in scattered localities. Most of the rainfall occurred during the last ten days of the month. The sunshine and wind movement were about normal.

The moderately warm weather which prevailed during the month was favorable for the development of all crops. The second crop of alfalfa made rapid growth and was in excellent condition at the close of the month. Haying was in progress in many localities, and the showers during the latter part of the month were not heavy enough to materially interfere with this work. Most of the winter grain was harvested and the spring wheat harvest had started in some localities. Potatoes and sugar beets were developing well. Gardens were in good condition. Irrigation was moderately heavy. Lower ranges were dry, but upper ranges were in good condition.

TEMPERATURE

The monthly mean for the State, as shown by the records of 34 stations, was 74.5°. The mean for the 30 stations having ten or more years' record was 0.5° above normal. The highest recorded was 118°, at Clay City on the 29th; the lowest was 27°, at Rye Patch on the 5th. The greatest daily range was 60°, at Rye Patch on the 9th. The highest monthly mean was 89.1°, at Clay City; the lowest was 60.4°, at Lamoille.

PRECIPITATION

The average for 43 stations reporting was 0.26 inch. For the 39 stations having ten or more years' record, the mean was 0.11 inch below the normal. The average amount at 4 stations in the Columbia Basin was 0.35 inch; at 13 stations in the Humboldt Basin, 0.14 inch; at 2 stations in the Truckee Basin, 0.06 inch; at 5 stations in the Carson Basin, 0.31 inch; at 6 stations in the Walker Basin, 0.18 inch; at 2 stations in the Colorado Basin, 0.20 inch; at 14 stations in the minor basins, 0.37 inch. The greatest monthly fall was 1.84 inches at Sharp; there was no precipitation at six stations. The average number of days with precipitation was 2.

PRESSURE, HUMIDITY, AND WIND DATA

Stations	Barometric pressure (sea level)			Mean relative humidity		Wind			
	Mean	Highest	Lowest	Average hourly velocity		Max. velocity			
				5 a. m.	6 p. m.	Miles per hour	Dir.	Date	
Reno	29.92	30.11	29.68	53	18	7.0	33	se.	22
Winnemucca	29.95	30.14	29.65	62	21	6.1	33	nw.	29
Tonopah	29.90	30.07	29.72	31	18				

SUNSHINE AND CLOUDINESS

At Reno, 93 per cent of the possible sunshine was recorded; at Winnemucca, 96 per cent. For the State, the average number of clear days was 21; partly cloudy, 7; cloudy, 3.

MISCELLANEOUS PHENOMENA

(Dates of)

Solar halos.—15.

Thunderstorms.—22, 23, 24, 25, 26, 28, 29.

COMPARATIVE DATA FOR JULY

Year	Temperature			Average precipitation	Average snowfall	Number of days			Prevailing wind
	Mean	Highest	Lowest			Clear	Partly cloudy	Cloudy	
1889	76.1	119	36	0.17	0	1	29	1	S.
1890	74.0	118	28	0.15	0	1	22	7	SW.
1891	70.4	102	26	0.53	0	3	17	8	S.
1892	70.6	115	30	0.67	0	1	23	5	W.
1893	70.3	110	24	0.40	0	2	26	4	SW.
1894	71.7	108	32	0.75	0	5	17	9	S.
1895	70.2	112	28	0.05	0	1	25	4	W.
1896	72.7	112	33	0.79	0	2	14	9	W.
1897	69.4	116	25	0.28	0	1	20	7	SW.
1898	73.5	114	30	0.12	0	1	23	6	W.
1899	72.6	106	34	0.14	0	2	22	5	W.
1900	70.9	113	33	0.37	0	1	23	4	W.
1901	70.8	109	31	0.31	0	2	21	6	SW.
1902	67.9	116	25	0.44	0.5	2	21	5	SW.
1903	65.4	111	26	0.01	0	1	27	3	SW.
1904	68.7	110	30	0.51	0	3	19	3	SW.
1905	72.1	109	31	0.03	0	1	24	5	W.
1906	74.7	114	32	0.68	0	4	17	9	W.
1907	69.2	113	27	0.06	0	1	22	6	S.
1908	74.3	116	32	0.42	0	3	18	10	W.
1909	69.5	112	23	0.14	0	2	23	6	S.
1910	72.9	110	28	0.65	0	3	18	8	SW.
1911	70.9	109	30	0.31	0	3	17	10	W.
1912	68.6	113	25	0.67	0	4	17	7	W.
1913	69.1	113	18	1.30	0	6	16	9	W.
1914	72.4	118	32	0.52	0	3	16	10	SW.
1915	70.8	110	31	0.38	0	2	19	8	W.
1916	71.0	113	30	0.31	0	2	25	4	SW.
1917	74.5	111	31	0.46	0	2	21	7	SW.
1918	72.9	112	21	0.33	0	2	21	7	SW.
1919	75.2	113	35	0.28	0	1	23	7	SW.
1920	72.7	113	33	0.14	0	1	24	5	SW.
1921	74.2	114	27	0.19	0	1	24	4	W.
1922	74.1	116	33	0.54	0	3	20	7	W.
1923	73.9	116	24	0.42	0	2	22	6	S.
1924	73.0	117	31	0.16	0	1	22	7	W.
1925	74.6	117	40	0.97	0	4	19	7	SW.
1926	74.1	116	33	0.43	0	3	20	7	SW.
1927	74.5	118	27	0.26	0	2	21	7	SW.

Climatological Data for July, 1927

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches				Number of days			Prevailing direction of the wind	Observers		
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Length of record, years	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precipitation (0.01 inch or more)			Clear	Partly cloudy
<i>Columbia Basin</i>																				
Gold Creek	Elko	6,800								12	0.72	+0.30	0.35	0	3	23	4	4	U. S. Forest Service.	
Mahoney Ran. Sta.**	do	6,200								9	0.25		0.25	0	1	24	5	2	Do.	
Gwyhee	do	5,400	9							13				0					U. S. Indian Agency.	
San Jacinto	do	5,200	22			94*	18			22	0.39	-0.15	0.36	0	2				Utah Construction Co.	
Tuscarora (near)	do									17	0.04	-0.30	0.04	0	1	19	10	2	D. B. Williams.	
<i>Humboldt Basin</i>																				
Arthur	Elko	6,500								22	0.22	-0.49	0.22	0	1	24	7	0	Isaac Woodhouse.	
Austin	Lander	6,500	35	73.4	+4.0	97	11+	45	4	43	0.31	-0.17	0.26	0	2	21	9	1	U. S. Forest Service.	
Battle Mountain	do	4,513	47	81.6	+6.4	104	23	60	1+	42	T.	-0.16	T.	0	0	31	0	0	Southern Pacific Co.	
Beowawe	Eureka	4,695	48	72.0	-2.5	100	10+	40	5	55	0.56			0		30	0	1	Do.	
Clover Valley.**	Elko	6,000	27							33									R. M. Steele.	
Elko	do	5,063	48	71.1	+0.7	102	19	40	1+	54	0.56	-0.32	T.	0	0	19	6	6	Western Pacific Co.	
Eureka	Eureka	6,500	26							27				0	0	20	8	3	Eureka-Holly Mining Co.	
Golconda	Humboldt	4,392	35	74.2	-0.7	98	17	42	5	48	0.00	-0.17	0.00	0	0	20	8	3	Southern Pacific Co.	
Hylton	do	6,500								17	0.34	-0.36	0.20	0	2	21	7	3	Thomas Toyn.	
Hylton**	do	6,500								18	0.00	-0.53	0.00	0	0	12	5	0	Southern Pacific Co.	
Imlay	Pershing	4,209	34	72.2	-3.3	99	22	45	1	46	0.34	-0.15	T.	0	0	23	3	0	Southern Pacific Co.	
Lamoille	Elko	6,100	14	60.4	-7.2	76	19+	43	1+	26	0.24	-0.62	0.06	0	2	28	2	1	Elko-Lamoille Power Co.	
Lovelock	Pershing	3,977	29	73.7	-0.7	101	10+	43	3	53	0.00	-0.20	0.00	0	0	26	1	4	Joe Bush.	
Montello	Elko	4,377	39	71.4	-0.7	103	19	35	5	54	0.18	+0.22	0.28	0	2	13	17	1	Southern Pacific Co.	
North Fork	do	6,500								18	0.00	-0.53	0.00	0	0	12	5	14	W. C. Pratt.	
Paradise Valley	Humboldt	5,000								18	0.19	-0.10	0.13	0	0	2			U. S. Forest Service.	
Winnemucca	do	4,344	50	72.4	+1.6	99	22	45	7	49	0.21	+0.04	0.21	0	1	26	5	0	U. S. Weather Bureau.	
<i>Truckee Basin</i>																				
Reno	Washoe	4,532	40	72.2	+4.7	97	22	45	4	47	0.13	-0.18	0.06	0	3	26	5	0	U. S. Weather Bureau.	
Tahoe, Calif.	do	6,230	18	61.2	+1.2	87	14	31	5	48	0.00	-0.32	0.00	0	0	30	1	0	Wm. A. Simmonds.	
<i>Carson Basin</i>																				
Carson City	Ormsby	4,675	32	68.6	-1.0	97	10	39	7	56	0.14	-0.02	0.14	0	1	25	5	1	N. C. Brown.	
Fallon	Churchill	3,965	22	72.6	-0.9	98	10	41	4	49	0.09	-0.06	0.09	0	1	26	4	1	U. S. Experiment Station.	
Lahontan**	do	4,200	20			101	13+			20	0.14	-0.08	0.14	0	1	14	10	7	Truckee-Carson Irrig. Dis.	
Minden	Douglas	4,830	34	70.4	+2.2	98	13+	40	9	55	0.34	+0.77	0.80	0	2	25	3	3	U. S. Forest Service.	
Markleville, Calif.	do	5,525								18	0.13	-0.43	0.13	0	1	28	3	0	Mrs. Mary Thornburg.	
<i>Walker Basin</i>																				
Mina	Mineral	4,350	31	78.6	+0.9	101	10+	50	5	42	0.55	+0.25	0.55	0	1	16	12	3	Southern Pacific Co.	
Schurz	do	4,617	8	73.6		100	10	44	4+	49	0.18	T.	T.	0	0	19	12	0	Susan R. Kronquist.	
Smith	Lyon	4,800								19	0.00	-0.58	0.05	0	2	23	2	6	C. M. Carter.	
Thorne	Mineral	4,200	30	79.3	+2.5	102	11+	52	4	43	0.24	+0.07	0.24	0	1	24	7	0	Southern Pacific Co.	
Yerington	Lyon	4,375	25	70.9	+0.1	97	13	42	5	47	0.25	-0.14	T.	0	0	20	11	0	W. H. Churchyard.	
Bridgeport, Calif.	do	6,500								9									F. H. Meyer.	
Shields Ranch, Calif.**	do	5,300								18	0.22	-0.42	0.12	0	2	26	3	2	Bruce H. Chichester.	
<i>Colorado Basin</i>																				
Las Vegas	Clark	2,033	23	87.1	+3.5	112	11+	59	4+	47	0.27	-0.32	0.18	0	2	17	13	1	C. P. Squires.	
Logandale	do	1,355	26	88.3	+1.2	114	13+	59	1	48	0.12	-0.39	0.06	0	3	23	8	0	Bert Mills.	
<i>Minor Basins</i>																				
Alamo**	Lincoln	3,880	6	76.2		105	15+	43	5	52	0.13		0.13	0	1	21	5	5	Gardner L. Chism.	
Beatty	Nye	3,309	12	79.8	-0.7	107	13	48	6	50	0.02	-0.26	0.01	0	2	15	12	4	Mrs. M. Edwards.	
Clay City**	Nye	2,100	1	89.1 ^a		118 ^b	29	54	4	48 ^c	1	0.00	0.00	0	0				General Clay Co.	
Gerlach (near)	Washoe	3,980	14	78.6 ^a	+4.8	100 ^b	10+	47 ^c	7	47 ^c	14	0.00	-0.09	0.00	0	0	28	3	0	Pac. Portland C'm't. Co.
Goldfield	Esmeralda	5,700	22	71.5 ^a	-1.5	93 ^b	21	49 ^c	4	34 ^d	22	0.00	-0.60	0.00	0	0			0	Nevada-Calif. Power Co.
McGill	White Pine	6,338	36	74.0	+4.2	102	13	40	5	57	0.48	-0.17	0.26	0	5	13	8	10	W. J. Hendry.	
Millett	Nye	5,040	19	64.1	-4.7	89	30	33	4+	47	20	0.55	-0.07	0.40	0	2	12	13	6	W. J. Farrington.
Orovada	Humboldt	4,800	15	69.2	-1.5	98	21	38	5	55	0.02	-0.30	0.02	0	1	25	6	0	I. J. Studebaker.	
Rye Patch*	Washoe	4,725	6	64.2		95	21+	27	5	60	0.26	+0.01	0.20	0	2	26	4	1	Max McCarthy.	
Sand Pass**	do	4,198	13	75.8	+0.2	101	22	46	4	45	0.27	+0.11	0.18	0	3	24	5	2	R. R. Motz.	
Searchlight	Clark	3,445	14	84.4	+1.0	103	11+	60	1	34	14	1.50	+0.34	0.70	0	4	17	9	5	A. Crowley.
Sharp	Nye	6,200	12	71.7	+0.8	96	12	46	5	40	12	1.84	+1.19	1.37	0	6	23	0	8	Pauline F. Youngs.
Sulphur	Pershing	4,044	12	74.6	-0.4	100	10+	46	4	48	12	T.	-0.13	T.	0	0	22	8	1	Western Pacific Co.
Tonopah	Nye	6,090	22	75.1	+2.5	92	12	57	4	29	22	0.05	-0.39	0.05	0	1				U. S. Weather Bureau.
For the State				74.5	+0.5	118	29	27	5	60		-0.11	1.37	0	2	21	7	3	sw.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means.
 **Post office addresses of these stations are as follows: Of Alamo, Hiko; of Clay City, Death Valley, Calif.; of Clover Valley, Wells; of Hylton, Jiggs; of Lahontan, Hazen; of Mahoney Ranger Station, Jarbridge; of Rye Patch, Rye Patch Ranch, via Gerlach; of Sand Pass, Flanigan; of Shields Ranch, Coleville, Calif.
 Reference letters, a, b, c, appearing in the table indicate number of days missing, for example, ^a represents two days missing, etc.
 † Also on other dates. †† Received too late to be included in the means and summaries.
 T. Precipitation less than 0.01 inch rain or melted snow.

Daily Temperatures for July, 1927

Table with columns for Stations, days 1-31, and Mean. Rows are grouped by basin: Columbia Basin, Humboldt Basin, Truckee Basin, Carson Basin, Walker Basin, Colorado Basin, and Minor Basins. Each station entry includes Maximum and Minimum temperature values.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.