U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD

STATION Mono Lake COUNTY Mono STATE Calif HR. OF OBSERVATION ending 8:00 PM
LATITUDE 38°00' N LONGITUDE 119°10' W ELEVATION 6521 ft TEMP. 25.39 PM
MONTH January, 1944 MERIDIAN OF TIME 120th St PRECIP. 25.39 PM

DATE	TEMPERATURE MAXIMUM	MINIMUM	SET MAX	PRECIPITATION TIME OF BEGINNING	TIME OF ENDING	AMOUNT (INCHES & HUNDREDTHS)	SNOWFALL (INCHES & TENTHS)	SNOW ON GROUND AT OBSERVATION	PREVAILING WIND DIRECTION FOR THE DAY	CHARACTER OF DAY (SUNRISE TO SUNSET) CLEAR	P. CDY	CLOUDY	MISCELLANEOUS PHENOMENA INCLUDING CHARACTER OF PRECIPITATION AS RAIN, DRIZZLE, SNOW, SLEET, HAIL, THUNDERSTORMS, ETC.
	1	2	3	4	5	6	7	8	9		10		11
1	44	22	38	2135	2359	0.02	0	0	W			✓	Lt. Rain
2	39	20	20	0000/2004 0935	0703/2359 1105	0.54	7.3	7.3	W			✓	Snow
3	32	19	21	0000	0130	T	T	7.3	SW		✓		Lt. Snow
4	30	~~16~~	20	0150 0950	0700 1100	T	0.3	7.5	W			✓	Lt Snow
5	40	19	29	1005 1605	1305 2030	0.22	0.4	5.3	SW			✓	Rain - Lt Snow
6	39	16	16	✓	✓	0	0	5.0	SW			✓	(54 38 mi Wind)
7	32	14	18	✓	✓	0	0	5.0	SW			✓	
8	36	15	15	✓	✓	0	0	4.2	W		✓		
9	33	13	26	✓	✓	0	0	4.0	W		✓		
10	38	25	23	0400	1130	0.10	0.3	4.3	NW			✓	Lt. Snow
11	34	19	19	✓	✓	0	0	4.0	SW		✓		
12	37	16	21	✓	✓	0	0	3.8	S		✓		
13	49	16	30	✓	✓	0	0	3.8	SW		✓		
14	40	18	23	✓	✓	0	0	3.8	SW		✓		
15	43	18	24	✓	✓	0	0	3.6	SW	✓			
16	42	19	24	✓	✓	0	0	3.6	S		✓		
17	42	18	23	✓	✓	0	0	3.6	SW		✓		
18	39	15	21	✓	✓	0	0	3.5	S		✓		Lt. fog
19	39	16	22	✓	✓	0	0	3.5	SW		✓		
20	40	18	23	✓	✓	0	0	3.2	SW		✓		Lt. fog
21	39	17	30	✓	✓	0	0	3.0	SW		✓		Lt fog
22	45	23	34	✓	✓	0	0	2.9	SW		✓		
23	45	27	27	0320 1735	1135 2359	0.49	4.8	7.9	W			✓	Snow 40 mi wind
24	29	17	21	0000	0205	T	T	7.7	W			✓	Lt snow
25	30	16	19	2000	2359	T	T	7.7	NW			✓	Very Lt Snow
26	25	15	21	0000	2359	0.04	0.5	6.5	W			✓	Intermittent very Lt Snow Lt fog
27	35	16	16	0005 1605	0425 2135	0.05	0.7	5.9	NW			✓	Lt. Snow - Lt fog
28	30	~~16~~	20	✓	✓	0	0	4.5	W			✓	
29	35	19	26	2300-0	2359	T	T	4.6	W			✓	Lt snow
30	36	21	28	0035	1200	0.17	2.9	7.5	W			✓	Lt snow - Lt fog
31	38	~~21~~	~~20~~ 26	0305	0600	T	0.2	7.0	W		✓		Lt snow - Lunar halos (Solar)
1ST.	✓	55✓				1.62✓	17.4✓	✓	✓	✓	✓	✓	
SUM	1154	~~520~~	923		+Ts	~~[illegible]~~	~~+D 1.16~~	7.0	SW	1	15	15✓	

NOTE NUMBERS AT TOP OF COLUMNS, REFER TO NUMBERED INSTRUCTIONS ON COVER
1 ENTER TEMP AND PRECIP FOR 1ST. DAY OF FOLLOWING MO. WHERE OBS. IN MORNING ONLY
2 READING OF MAX. THERMOMETER IMMEDIATELY AFTER SETTING
3 INCLUDING RAIN, HAIL, SLEET AND MELTED SNOW ON DAY OF MEASUREMENT
(IN TRIPLICATE)

Walter Dombrowski
(COOPERATIVE OBSERVER)
Box 31 - Mono Lake Calif.
(P.O. ADDRESS)

MONTHLY SUMMARY
(TO BE FILLED IN BY OBSERVER)

DATES OF—
HIGH WINDS, 5-25
GLAZE, (FREEZING RAIN) 0
SLEET, (SMALL ICE PELLETS) 0
HAIL, 0
KILLING FROST, Every Day
THUNDERSTORMS, 0
FOG, LIGHT (VISIBILITY 1/5 MI. OR MORE) 18-19-20-21-26 24-30
DENSE (VISIBILITY LESS THAN 1/5 MI.) 0

DEPTH OF FROZEN GROUND AT END OF MO. 14 INS.

(NEED NOT BE FILLED IN BY OBSERVER)

TEMPERATURE
MEAN MAXIMUM, ~~[illegible]~~ 37.2✓
MEAN MINIMUM, ~~[illegible]~~ 17.9✓
MEAN MONTHLY, ~~[illegible]~~ 27.6 DEPARTURE, —
MAXIMUM, 49✓ DATE 13✓
MINIMUM, 13✓ DATE ~~[illegible]~~

PRECIPITATION
TOTAL, 1.62 ~~[illegible]~~ INS. DEPARTURE, —

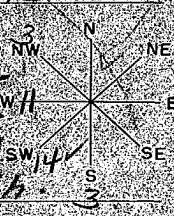
GREATEST AMOUNT

IN ANY OBSERVATIONAL DAY		COMPUTED FOR 24-HOUR PERIOD	
AMOUNT	DATE	AMOUNT	DATE
.54✓	~~[illegible]~~	~~[illegible]~~ 0.54	~~[illegible]~~ 2

SNOW
TOTAL SNOWFALL, ~~[illegible]~~ 17.4✓ INCHES
GREATEST IN ANY OBSERVATIONAL DAY 7.3✓
DATE ~~[illegible]~~ 2✓

NUMBER OF DAYS
MAX. TEMP. 90° OR ABOVE, 0✓
MAX. TEMP. 32° OR BELOW, 17✓
MIN. TEMP. 32° OR BELOW, 31✓
MIN. TEMP. 0° OR BELOW, 0✓
WITH 0.01 INCH OR MORE PRECIP. 8✓
0.25 INCH OR MORE, 2✓ 1.00 INCH OR MORE, 0✓
CLEAR, 1 PARTLY CLOUDY, 15✓ CLOUDY, 15✓

REMARKS: Convective Clouds forming over the lake at elevations of 1000 to 1500 above water during periods of lowest temperatures account for much of the cloudiness during month.



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MONTH January, 1944