

MALJAMAR 4 SE : 1942-1983

ANNUAL SUMMARY - TEMPERATURE

	Averages			Daily Extremes				Mean Extremes				#Days-Max		#Days-Min	
	Max	Min	Mean	High---	Date	Low----	Date	High--Yr	Low--Yr			=>90°	<=32°	<=32°	<=0°
Ja	55.4	26.3	40.9	82	17/1974	-13	11/1962	48.5	53	30.4	49	0	1	23	0
Fe	60.8	29.5	45.2	83*	8/1963	-10	1/1951	53.9	57	38.4	60	0	0	18	0
Ma	67.6	35.2	51.5	90	27/1971	4	3/1971	58.4	63	42.3	69	0	0	11	0
Ap	76.8	43.2	60.0	96*	22/1965	19	4/1945	65.4	63	53.7	83	1	0	3	0
Ma	84.6	51.9	68.2	104	26/1944	30*	4/1979	72.7	65	63.6	46	8	0	0	0
Jn	92.5	60.3	76.4	111*	28/1980	41	1/1970	83.0	80	71.4	70	22	0	0	0
Jl	93.3	63.9	78.6	108	3/1980	46	19/1942	85.2	80	74.0	59	24	0	0	0
Au	91.6	62.8	77.2	109	3/1944	50	29/1976	84.2	43	72.2	71	20	0	0	0
Se	85.5	56.3	70.9	105	5/1983	32	20/1971	75.6	77	63.5	74	10	0	0	0
Oc	76.5	45.5	61.1	96	8/1979	21	29/1970	66.9	63	54.3	70	1	0	2	0
No	64.5	33.8	49.2	87	4/1944	-4	29/1976	55.4	49	42.8	76	0	0	13	0
De	57.3	27.6	42.4	79	28/1980	0	24/1966	47.1	65	35.9	83	0	1	23	0
An	75.5	44.7	60.1	111	6/28/80	-13	1/11/62	62.5	63	57.8	68	86	3	91	0
Wi	57.8	27.8	42.8	83	2/ 8/63	-13	1/11/62	47.1	57	38.8	73	0	3	64	0
Sp	76.3	43.4	59.9	104	5/26/44	4	3/ 3/71	65.0	63	56.2	73	8	0	13	0
Su	92.5	62.3	77.4	111	6/28/80	41	6/ 1/70	82.8	80	74.7	68	67	0	0	0
Fa	75.5	45.2	60.4	105	9/ 5/83	-4	11/29/76	63.6	63	55.6	76	11	0	15	0
#Y	42	42	42	42		42		31	31			37	37	37	37

ANNUAL SUMMARY - PRECIPITATION

	Total Precipitation							Snow			#Days		
	Mean	High--Yr	Low--Yr	24 Hr	Max			Mean	High--Yr		=>.10	=>.50	=>1.00
Ja	0.43	2.55	49	0.00*	70	1.50	24/1961	2.1	14.0	82	1	0	0
Fe	0.40	1.66	73	0.00*	72	0.70	22/1973	1.8	12.0	73	2	0	0
Ma	0.41	1.65	58	0.00*	65	1.21	20/1968	1.0	13.3	69	1	0	0
Ap	0.45	2.22	66	0.00*	73	1.57	24/1966	0.2	8.5	83	1	0	0
Ma	1.44	3.60	70	0.00*	71	3.30	25/1970	0.0	0.0	0	3	1	0
Jn	1.43	7.38	48	0.00	46	3.45	2/1948	0.0	0.0	0	3	1	0
Jl	2.45	10.26	60	0.00*	80	3.41	7/1960	0.0	0.0	0	4	2	1
Au	2.21	10.88	72	0.22	64	4.72	10/1960	0.0	0.0	0	4	1	1
Se	2.25	7.30	58	0.00*	68	3.50	26/1980	0.0	0.0	0	3	2	1
Oc	1.27	5.99	69	0.00*	79	4.29	3/1955	0.0	1.5	80	2	1	0
No	0.49	3.90	71	0.00*	73	2.25	16/1971	0.7	9.5	76	1	0	0
De	0.44	2.33	42	0.00*	77	1.45	5/1971	1.5	14.0	60	1	0	0
An	13.66	27.68	72	6.43	47	4.72	8/10/60	7.4	23.8	82	28	8	3
Wi	1.26	4.10	44	0.01	67	1.50	1/24/61	5.4	23.0	61	4	0	0
Sp	2.30	4.92	70	0.39	71	3.30	5/25/70	1.3	13.3	69	5	2	0
Su	6.09	17.88	60	1.51	83	4.72	8/10/60	0.0	0.0	0	12	4	2
Fa	4.01	11.32	74	0.51	63	4.29	10/ 3/55	0.7	9.5	76	7	3	1
#Y	42	36	36	36	37			42	21		30	33	37

Station Coordinates: 32°49' N 103°42' W 4000 ft

* - also in earlier years; #Y - number of years of data

=> - equal to or greater than; <= - less than or equal to

Office of State Climatologist, NM Dept of Agriculture, Las Cruces, NM

ANNUAL FREE WATER SURFACE EVAPORATION (SHALLOW LAKE) 1956-1970 INCHES

EXPLANATION OF ISOPLETHS

WESTERN STATES INTERVALS

- 5 inches - < 80 inches
- 10 inches - > 80 inches
- Interval irregular where crowded
- Areas of limited data
- Additional information for areas of shallow gradient above 80 inches

EASTERN STATES INTERVALS

- 4 inches - standard interval
- 2 inch interval used for areas of shallow gradient

Source: U.S. Dept. of Commerce -
National Weather Service

Western
States
Intervals

Eastern
States
Intervals



BEFORE EXAMINER *CATANACH*
OIL CONSERVATION DIVISION

EXHIBIT NO. *12B*

CASE NO. *9235*

Submitted by *Conoco Inc.*

Hearing Date *12-16-87*

PROPERTY OFFICE OF THE FEDERAL RESERVE BANK OF NEW YORK, 60 WALL STREET, NEW YORK, N.Y. 10038