

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 3230 ft. Lat: 36.6206° N Lon: 116.0278° W
Station: **MERCURY DESERT ROCK AP, NV US USW00003160**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	56.6	33.4	45.0	3.6	2.4	2.6	1.5	0.4	0.0	0.0	0.0	0.0	311.6	372.4	465.1	620.0	0.0	0.0	25.5	0.0	13.3	0.0
02	59.9	35.8	47.9	4.5	2.6	3.2	10.9	4.8	1.0	0.0	0.0	0.0	211.1	260.9	341.1	480.1	0.0	0.0	24.9	0.0	8.1	0.0
03	67.4	40.9	54.1	4.4	2.6	3.2	73.4	47.8	21.1	2.6	0.1	0.0	99.8	136.2	202.5	338.9	0.0	0.0	30.3	0.0	3.0	0.0
04	74.2	46.5	60.3	3.5	2.4	2.9	190.2	146.8	91.3	31.9	6.6	3.0	29.6	46.3	80.7	171.3	0.0	1.1	29.9	0.0	0.4	0.0
05	83.8	55.2	69.5	4.7	3.5	4.0	452.7	394.3	310.9	188.8	93.2	65.1	3.2	6.8	16.4	49.3	0.7	9.2	31.0	0.0	0.0	0.0
06	94.7	64.4	79.6	4.0	2.9	3.4	736.6	676.8	587.7	441.0	300.6	247.5	0.1	0.4	1.3	4.6	9.3	23.0	30.0	0.0	0.0	0.0
07	100.7	71.3	86.0	2.8	2.6	2.6	960.9	898.9	805.8	650.8	496.0	434.1	0.0	0.0	0.0	0.0	19.1	30.1	31.0	0.0	0.0	0.0
08	98.8	69.7	84.3	2.2	1.8	1.7	906.7	844.7	751.7	596.7	441.9	380.2	0.0	0.0	0.0	0.0	14.3	29.6	31.0	0.0	0.0	0.0
09	91.1	61.5	76.3	2.8	1.9	2.0	639.1	579.2	490.0	344.4	208.2	159.3	0.1	0.3	1.0	5.5	2.0	19.8	30.0	0.0	0.0	0.0
10	78.1	49.9	64.0	3.4	2.5	2.6	292.3	238.5	165.6	73.2	24.3	13.5	13.3	21.5	41.6	104.2	0.0	2.8	31.0	0.0	0.2	0.0
11	64.6	38.5	51.6	3.7	2.5	3.0	46.3	30.2	13.3	1.7	0.0	0.0	149.8	193.7	266.8	405.1	0.0	0.0	28.5	0.0	5.3	0.0
12	55.0	32.2	43.6	2.9	2.0	2.0	0.9	0.3	0.0	0.0	0.0	0.0	354.2	415.6	508.2	663.2	0.0	0.0	23.7	0.0	16.4	0.0
Summary	77.1	49.9	63.5	3.5	2.5	2.8	4312	3863	3238	2331	1571	1303	1173	1454	1925	2842	45.4	115.6	346.8	0.0	46.7	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.68	4.2	2.2	0.1	0.0	0.13	0.37	1.09
02	0.94	4.5	2.4	0.4	0.1	0.22	0.58	1.19
03	0.58	3.6	1.7	0.2	0.1	0.15	0.42	0.80
04	0.36	2.6	0.9	0.1	0.0	0.01	0.15	0.47
05	0.18	2.1	0.5	0.1	0.0	0.00	0.10	0.23
06	0.12	0.9	0.3	0.1	0.0	0.00	0.00	0.07
07	0.32	2.1	1.0	0.1	0.0	0.03	0.18	0.48
08	0.39	1.6	0.8	0.3	0.1	0.00	0.10	0.60
09	0.38	1.7	0.9	0.2	0.1	0.00	0.06	0.41
10	0.37	2.1	1.0	0.2	0.0	0.00	0.17	0.49
11	0.27	2.2	0.8	0.1	0.0	0.01	0.15	0.27
12	0.63	3.2	1.5	0.3	0.1	0.07	0.41	0.86
Summary	5.22	30.8	14.0	2.2	0.5	0.62	2.69	6.96

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	0.30	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.20	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.30
03	0.20	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
04	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.20	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.0	1.3	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	175.5	229.1	439.8	610.7	914.5	1186.4	1425.8	1371.6	1088.9	744.1	351.1	140.3
45	71.8	118.4	293.4	461.6	759.5	1036.4	1270.8	1216.6	938.9	589.5	217.1	50.9
50	16.9	45.1	166.2	318.0	604.8	886.5	1115.9	1061.7	789.0	437.2	111.5	10.1
55	1.5	10.9	73.4	190.2	452.7	736.6	960.9	906.7	639.1	292.3	46.3	0.9
60	0.0	1.0	21.1	91.3	310.9	587.7	805.8	751.7	490.0	165.6	13.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	115.6	144.9	274.0	379.0	577.5	744.8	887.4	862.4	694.9	465.5	223.6	94.4

Growing Degree Units (Accumulated Monthly)												
40	176	405	844	1455	2370	3556	4982	6353	7442	8186	8538	8678
45	72	190	484	945	1705	2741	4012	5228	6167	6757	6974	7025
50	17	62	228	546	1151	2038	3153	4215	5004	5441	5553	5563
55	2	12	86	276	729	1465	2426	3333	3972	4264	4311	4312
60	0	1	22	113	424	1012	1818	2570	3060	3225	3238	3238
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	116	260	534	914	1491	2236	3123	3986	4680	5146	5370	5464

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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