

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: 114.6167° W
Station: YUMA MCAS, AZ US USW00003145

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	69.8	47.9	58.8	3.1	1.9	2.2	139.1	93.6	43.1	4.8	0.1	0.0	19.7	36.3	78.7	195.4	0.0	0.0	31.0	0.0	0.0	0.0
02	73.4	50.4	61.9	4.0	3.0	3.2	201.8	154.5	95.3	31.6	4.7	1.4	8.5	17.3	42.1	118.4	0.0	0.1	28.0	0.0	0.1	0.0
03	80.2	55.0	67.6	3.9	2.4	3.0	391.7	331.8	246.8	126.3	45.7	25.5	1.1	3.3	11.2	45.7	0.1	4.9	31.0	0.0	0.0	0.0
04	86.4	59.8	73.1	3.1	2.1	2.5	543.1	483.3	394.5	254.3	133.4	94.5	0.1	0.2	1.5	11.3	1.7	12.2	30.0	0.0	0.0	0.0
05	94.3	66.9	80.6	3.8	3.0	3.3	793.6	731.6	638.6	484.2	334.6	278.5	0.0	0.0	0.0	0.6	8.4	23.5	31.0	0.0	0.0	0.0
06	103.3	75.0	89.1	2.7	2.2	2.3	1024.5	964.5	874.5	724.5	574.5	514.5	0.0	0.0	0.0	0.0	23.6	29.2	30.0	0.0	0.0	0.0
07	106.7	82.6	94.6	1.7	1.7	1.5	1229.1	1167.1	1074.1	919.1	764.1	702.1	0.0	0.0	0.0	0.0	29.7	31.0	31.0	0.0	0.0	0.0
08	106.4	83.2	94.8	1.7	1.5	1.4	1233.8	1171.8	1078.8	923.8	768.8	706.7	0.0	0.0	0.0	0.0	29.2	30.9	31.0	0.0	0.0	0.0
09	101.4	77.6	89.5	1.9	1.8	1.6	1035.0	975.0	885.0	735.0	585.0	525.1	0.0	0.0	0.0	0.0	21.7	28.8	30.0	0.0	0.0	0.0
10	90.2	65.7	78.0	3.0	2.7	2.6	711.5	649.5	556.6	403.9	260.2	208.0	0.0	0.0	0.1	2.4	3.7	18.5	31.0	0.0	0.0	0.0
11	77.7	54.4	66.1	3.5	2.6	2.9	334.6	278.4	199.2	95.2	33.9	19.1	3.1	6.8	17.7	63.8	0.0	1.6	30.0	0.0	0.0	0.0
12	67.8	46.8	57.3	2.5	1.6	1.8	101.7	64.5	26.3	2.5	0.1	0.0	30.3	55.1	109.9	241.1	0.0	0.0	31.0	0.0	0.0	0.0
Summary	88.1	63.8	76.0	2.9	2.2	2.4	7740	7066	6113	4705	3505	3075	63	119	261	679	118.1	180.7	365.0	0.0	0.1	0.0

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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	0.39	2.6	1.3	0.1	0.0	0.00	0.18	0.48	
02	0.38	2.3	1.2	0.3	0.0	0.02	0.18	0.58	
03	0.39	1.9	1.1	0.2	0.1	0.00	0.19	0.37	
04	0.14	0.8	0.5	0.0	0.0	0.00	0.02	0.14	
05	0.06	0.5	0.2	0.0	0.0	0.00	0.00	0.05	
06	0.01	0.1	0.0	0.0	0.0	0.00	0.00	0.00	
07	0.24	1.2	0.4	0.1	0.0	0.00	0.09	0.30	
08	0.20	1.4	0.6	0.1	0.0	0.00	0.06	0.28	
09	0.68	1.5	0.9	0.3	0.2	0.02	0.27	0.88	
10	0.13	1.0	0.4	0.0	0.0	0.00	0.02	0.07	
11	0.23	1.0	0.4	0.1	0.0	0.00	0.00	0.09	
12	0.43	2.3	0.9	0.2	0.1	0.00	0.06	0.62	
Summary	3.28	16.6	7.9	1.4	0.4	0.04	1.07	3.86	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
03	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
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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	584.4	613.2	855.6	993.0	1258.6	1474.5	1694.1	1698.8	1485.0	1176.5	781.5	536.4
45	429.9	473.3	700.6	843.0	1103.6	1324.5	1539.1	1543.8	1335.0	1021.5	631.5	381.4
50	277.9	333.7	545.6	693.0	948.6	1174.5	1384.1	1388.8	1185.0	866.5	481.7	229.3
55	139.1	201.8	391.7	543.1	793.6	1024.5	1229.1	1233.8	1035.0	711.5	334.6	101.7
60	43.1	95.3	246.8	394.5	638.6	874.5	1074.1	1078.8	885.0	556.6	199.2	26.3
Growing Degree Units for Corn (Monthly)												
50/86	322.9	360.6	538.2	644.1	807.4	914.3	1057.9	1065.3	952.5	776.2	484.5	287.0

Growing Degree Units (Accumulated Monthly)												
40	584	1198	2053	3046	4305	5779	7473	9172	10657	11834	12615	13152
45	430	903	1604	2447	3550	4875	6414	7958	9293	10314	10946	11327
50	278	612	1157	1850	2799	3973	5357	6746	7931	8798	9279	9509
55	139	341	733	1276	2069	3094	4323	5557	6592	7303	7638	7740
60	43	138	385	780	1418	2293	3367	4446	5331	5887	6086	6113
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	323	684	1222	1866	2673	3588	4645	5711	6663	7439	7924	8211

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