

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3461 ft. Lat: 31.4553° N Lon: 110.9681° W
Station: **NOGALES 6 N, AZ US USC00025924**
Generated on 04/28/2024

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	65.3	28.3	46.8	3.8	3.2	2.4	2.9	1.1	0.3	0.0	0.0	0.0	257.1	317.3	409.5	564.2	0.0	0.0	29.9	0.0	24.1	0.0
02	67.2	30.5	48.8	4.1	3.4	3.0	9.5	3.4	0.5	0.0	0.0	0.0	181.6	231.6	312.6	452.2	0.0	0.0	27.2	0.0	17.3	0.0
03	72.8	35.0	53.9	3.6	2.6	2.6	58.5	33.1	11.8	1.2	0.1	0.0	92.6	129.2	200.8	345.3	0.0	0.2	30.8	0.0	10.0	0.0
04	79.4	39.5	59.4	2.8	2.0	2.2	160.0	116.0	62.7	13.6	1.1	0.3	26.5	42.5	79.2	180.1	0.0	2.5	30.0	0.0	3.9	0.0
05	87.4	46.3	66.9	3.1	2.4	2.5	369.5	310.0	224.8	106.6	34.1	19.2	2.1	4.6	12.4	49.2	0.8	13.2	31.0	0.0	0.2	0.0
06	96.5	56.3	76.4	2.3	2.8	2.2	641.9	581.9	492.0	343.1	201.3	150.7	0.0	0.0	0.0	1.2	10.1	27.0	30.0	0.0	0.0	0.0
07	94.4	65.3	79.8	2.4	1.9	1.6	770.3	708.3	615.3	460.3	305.4	244.0	0.0	0.0	0.0	0.0	7.4	25.2	31.0	0.0	0.0	0.0
08	92.3	64.0	78.2	2.6	1.8	1.9	717.6	655.6	562.6	407.6	253.4	192.9	0.0	0.0	0.0	0.0	3.6	23.1	31.0	0.0	0.0	0.0
09	90.5	57.5	74.0	2.1	2.1	1.5	569.9	510.0	420.1	272.2	135.6	88.8	0.0	0.0	0.1	2.3	0.5	19.5	30.0	0.0	0.0	0.0
10	83.5	44.6	64.1	3.1	2.6	1.9	289.4	233.6	156.7	57.5	10.7	4.0	8.9	15.1	31.2	86.9	0.0	7.7	31.0	0.0	1.3	0.0
11	73.4	34.4	53.9	4.1	2.2	2.9	66.3	41.9	17.1	2.3	0.1	0.0	99.3	134.9	200.0	335.3	0.0	0.2	29.9	0.0	12.0	0.0
12	64.6	28.0	46.3	3.2	2.3	2.0	3.4	1.1	0.1	0.0	0.0	0.0	273.0	332.7	424.7	579.6	0.0	0.0	29.4	0.0	23.4	0.0
Summary	80.6	44.1	62.4	3.1	2.4	2.2	3659	3196	2564	1664	942	700	941	1208	1671	2596	22.4	118.6	361.2	0.0	92.2	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	0.98	4.8	2.5	0.7	0.1	0.10	0.50	1.45	
02	0.92	4.8	2.6	0.5	0.1	0.28	0.57	1.54	
03	0.69	3.5	1.8	0.3	0.0	0.09	0.41	0.98	
04	0.35	1.6	0.8	0.3	0.1	0.00	0.09	0.55	
05	0.17	1.4	0.6	0.0	0.0	0.00	0.01	0.22	
06	0.68	2.3	1.2	0.4	0.2	0.00	0.16	0.83	
07	3.59	14.2	7.9	2.6	0.7	2.03	3.52	5.09	
08	3.91	13.7	7.8	2.3	0.7	2.66	3.60	4.88	
09	2.23	7.0	3.5	0.9	0.4	0.84	1.41	2.54	
10	0.85	3.2	1.5	0.4	0.2	0.06	0.34	1.06	
11	0.59	3.2	1.7	0.3	0.1	0.08	0.25	0.83	
12	1.14	5.5	2.7	0.7	0.1	0.36	0.65	1.44	
Summary	16.10	65.2	34.6	9.4	2.7	6.50	11.51	21.41	

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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	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.3	0.1	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	223.4	254.2	432.0	583.6	832.4	1091.9	1235.3	1182.6	1020.0	745.6	419.5	211.0
45	103.5	136.1	284.2	434.2	677.4	941.9	1080.3	1027.6	869.9	591.0	279.2	97.0
50	27.6	50.8	154.3	289.4	522.6	791.9	925.3	872.6	719.9	437.7	155.8	27.7
55	2.9	9.5	58.5	160.0	369.5	641.9	770.3	717.6	569.9	289.4	66.3	3.4
60	0.3	0.5	11.8	62.7	224.8	492.0	615.3	562.6	420.1	156.7	17.1	0.1
Growing Degree Units for Corn (Monthly)												
50/86	238.0	241.7	352.9	435.3	539.5	643.6	790.5	768.2	647.7	509.1	347.8	228.4

Growing Degree Units (Accumulated Monthly)												
40	223	478	910	1493	2326	3418	4653	5835	6855	7601	8020	8232
45	104	240	524	958	1635	2577	3658	4685	5555	6146	6425	6522
50	28	78	233	522	1045	1837	2762	3634	4354	4792	4948	4976
55	3	12	71	231	600	1242	2013	2730	3300	3590	3656	3659
60	0	1	13	75	300	792	1407	1970	2390	2547	2564	2564
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	238	480	833	1268	1807	2451	3242	4010	4657	5166	5514	5743

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