U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 2549 ft. Lat: 32.1314° N Lon: 110.9553° W

Station: **TUCSON INTL AP, AZ US USW00023160**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	66.5	40.8	53.6	3.6	2.3	2.4	54.7	31.1	10.1	0.7	0.0	0.0	96.5	134.9	207.0	352.5	0.0	0.0	30.3	0.0	3.8	0.0
02	69.2	43.2	56.2	4.2	3.0	3.1	92.2	62.0	28.6	4.8	0.5	0.2	58.5	84.3	135.0	251.1	0.0	0.1	27.8	0.0	1.7	0.0
03	75.8	48.0	61.9	3.7	2.6	3.0	234.5	184.9	119.7	41.9	8.0	3.4	20.6	33.0	60.8	138.1	0.0	1.2	30.9	0.0	0.3	0.0
04	82.9	53.3	68.1	3.0	2.3	2.6	396.4	339.2	257.2	137.3	51.7	29.8	3.4	6.2	14.2	44.2	0.3	7.5	30.0	0.0	0.0	0.0
05	91.8	61.8	76.8	3.1	2.8	2.8	675.8	613.9	521.4	369.7	229.7	179.8	0.0	0.1	0.5	3.9	4.0	21.6	31.0	0.0	0.0	0.0
06	101.2	71.1	86.1	2.3	2.7	2.3	934.3	874.3	784.3	634.3	484.6	425.0	0.0	0.0	0.0	0.0	21.1	29.2	30.0	0.0	0.0	0.0
07	100.2	76.3	88.2	2.2	1.4	1.6	1030.7	968.7	875.7	720.7	565.7	503.7	0.0	0.0	0.0	0.0	19.1	29.5	31.0	0.0	0.0	0.0
08	98.6	75.2	86.9	2.4	1.5	1.9	988.9	926.9	833.9	678.9	523.9	461.9	0.0	0.0	0.0	0.0	15.1	29.2	31.0	0.0	0.0	0.0
09	95.1	70.4	82.8	2.2	1.6	1.8	832.4	772.4	682.4	532.4	382.9	323.8	0.0	0.0	0.0	0.1	7.7	25.7	30.0	0.0	0.0	0.0
10	86.3	59.0	72.6	3.5	2.0	2.4	548.3	487.5	397.8	255.5	134.1	94.1	1.2	2.3	5.7	18.3	0.6	13.0	31.0	0.0	0.1	0.0
11	75.1	47.9	61.5	4.5	3.1	3.6	221.3	175.3	116.8	46.4	11.6	5.6	26.3	40.3	71.7	151.4	0.0	0.8	29.9	0.0	1.0	0.0
12	65.5	40.5	53.0	3.0	1.9	2.1	52.2	30.9	11.0	1.1	0.0	0.0	114.0	154.7	227.8	372.9	0.0	0.0	30.4	0.0	4.8	0.0
Summary	84.0	57.3	70.6	3.1	2.3	2.5	6062	5467	4639	3424	2393	2027	320	456	723	1332	67.9	157.8	363.3	0.0	11.7	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	0.84	4.2	2.1	0.5	0.1	0.09	0.68	1.21
02	0.84	4.0	2.3	0.4	0.1	0.22	0.67	1.26
03	0.56	3.1	1.7	0.3	0.0	0.19	0.49	0.68
04	0.24	1.6	0.7	0.1	0.0	0.00	0.12	0.29
05	0.20	1.4	0.7	0.1	0.0	0.00	0.02	0.22
06	0.23	1.6	0.7	0.1	0.0	0.00	0.03	0.25
07	2.21	8.8	4.8	1.4	0.5	0.88	1.83	3.17
08	1.98	8.5	4.3	1.1	0.3	1.16	1.72	2.29
09	1.32	4.4	2.3	0.8	0.4	0.45	1.04	1.66
10	0.67	2.9	1.7	0.4	0.1	0.02	0.33	0.72
11	0.56	2.5	1.2	0.3	0.1	0.06	0.25	0.85
12	0.96	4.4	2.5	0.5	0.1	0.26	0.63	1.19
Summary	10.61	47.4	25.0	6.0	1.7	3.33	7.81	13.79

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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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.10	0.1	0.1	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	0.1	0.2	0.1	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	425.3	454.3	678.9	843.0	1140.8	1384.4	1495.7	1453.9	1282.5	1012.1	645.0	404.1
45	277.1	317.4	524.1	693.0	985.8	1234.4	1340.7	1298.9	1132.5	857.1	496.3	257.5
50	147.4	191.7	373.3	543.5	830.8	1084.3	1185.7	1143.9	982.4	702.3	351.8	136.3
55	54.7	92.2	234.5	396.4	675.8	934.3	1030.7	988.9	832.4	548.3	221.3	52.2
60	10.1	28.6	119.7	257.2	521.4	784.3	875.7	833.9	682.4	397.8	116.8	11.0
Growing Degree Units for Corn (Monthly)												
50/86	260.4	274.7	419.2	536.0	723.3	855.7	964.7	947.3	842.4	658.0	401.0	244.8
Growing Degree Units (Accumulated Monthly)												
40	425	880	1558	2402	3542	4927	6422	7876	9159	10171	10816	11220
45	277	594	1119	1812	2797	4032	5372	6671	7804	8661	9157	9415
50	147	339	712	1256	2087	3171	4357	5501	6483	7185	7537	7673
55	55	147	381	778	1454	2388	3419	4407	5240	5788	6009	6062
60	10	39	158	416	937	1721	2597	3431	4113	4511	4628	4639
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	260	535	954	1490	2214	3069	4034	4981	5824	6482	6883	7128

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

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