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

Summary of Monthly Normals
1991-2020

Generated on 10/09/2026

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

Current Location: Elev: 1107 ft. Lat: 33.4278° N Lon: 112.0039° W

Station: **PHOENIX SKY HARBOR INTL AP, AZ US USW00023183**

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	67.6	46.0	56.8	3.1	1.9	2.1	97.3	61.2	24.2	2.0	0.0	0.0	41.5	67.4	123.4	256.2	0.0	0.0	30.8	0.0	0.4	0.0
02	70.8	49.0	59.9	4.3	2.7	3.2	156.3	114.8	64.9	16.3	1.4	0.4	19.1	33.5	67.7	159.0	0.0	0.0	27.9	0.0	0.1	0.0
03	78.1	54.5	66.3	3.8	2.2	2.9	354.1	296.5	215.6	105.0	34.9	19.5	3.8	8.2	20.3	64.7	0.0	2.1	31.0	0.0	0.0	0.0
04	85.5	60.8	73.2	2.8	2.3	2.5	545.1	485.9	398.3	258.9	137.4	98.2	0.6	1.4	3.7	14.3	1.0	10.2	30.0	0.0	0.0	0.0
05	94.5	69.5	82.0	3.5	2.9	3.1	837.0	775.0	682.1	527.8	376.8	319.2	0.0	0.0	0.0	0.8	9.0	23.6	31.0	0.0	0.0	0.0
06	104.2	78.6	91.4	2.6	2.4	2.4	1091.9	1031.9	941.9	791.9	642.0	582.0	0.0	0.0	0.0	0.0	24.6	29.4	30.0	0.0	0.0	0.0
07	106.5	84.5	95.5	1.8	1.8	1.6	1255.5	1193.5	1100.4	945.4	790.5	728.4	0.0	0.0	0.0	0.0	28.5	30.8	31.0	0.0	0.0	0.0
08	105.1	83.6	94.4	2.1	1.9	1.9	1219.8	1157.8	1064.8	909.8	754.8	692.8	0.0	0.0	0.0	0.0	27.1	30.7	31.0	0.0	0.0	0.0
09	100.4	78.1	89.2	2.2	1.6	1.8	1027.4	967.4	877.4	727.4	577.5	517.5	0.0	0.0	0.0	0.0	18.2	28.4	30.0	0.0	0.0	0.0
10	89.2	65.6	77.4	3.2	2.2	2.4	694.4	632.5	540.2	390.2	249.7	198.7	0.0	0.1	0.8	5.8	2.9	16.8	31.0	0.0	0.0	0.0
11	76.5	53.7	65.1	3.7	2.9	3.2	310.0	256.6	183.2	88.1	31.1	17.6	7.0	13.6	30.1	85.0	0.0	1.4	30.0	0.0	0.0	0.0
12	66.2	45.3	55.8	2.4	1.6	1.8	78.6	48.1	18.9	1.9	0.1	0.0	55.3	86.7	150.4	288.5	0.0	0.0	30.9	0.0	0.1	0.0
Summary	87.1	64.1	75.6	3.0	2.2	2.4	7667	7021	6112	4765	3596	3174	127	211	396	874	111.3	173.4	364.6	0.0	0.6	0.0

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

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Station: **PHOENIX SKY HARBOR INTL AP, AZ US USW00023183**

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	0.87	3.8	2.2	0.5	0.1	0.13	0.60	1.38
02	0.87	4.1	2.1	0.5	0.1	0.21	0.56	1.30
03	0.83	3.1	1.7	0.6	0.1	0.09	0.66	1.31
04	0.22	1.5	0.7	0.1	0.0	0.00	0.09	0.26
05	0.13	1.0	0.4	0.0	0.0	0.00	0.00	0.07
06	0.02	0.5	0.1	0.0	0.0	0.00	0.00	0.00
07	0.91	3.9	2.0	0.6	0.2	0.19	0.69	1.26
08	0.93	4.6	2.4	0.6	0.1	0.35	0.74	1.29
09	0.57	2.5	1.2	0.3	0.1	0.06	0.29	0.73
10	0.56	2.2	1.1	0.2	0.1	0.00	0.19	0.63
11	0.57	2.2	1.2	0.3	0.1	0.02	0.30	0.68
12	0.74	4.0	2.1	0.4	0.0	0.19	0.58	0.97
Summary	7.22	33.4	17.2	4.1	0.9	1.24	4.70	9.88

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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	521.0	557.3	815.3	994.5	1302.0	1541.9	1720.5	1684.8	1477.4	1159.4	753.0	488.4
45	367.6	417.6	660.3	844.5	1147.0	1391.9	1565.5	1529.8	1327.4	1004.4	603.1	334.2
50	220.0	280.4	505.6	694.5	992.0	1241.9	1410.5	1374.8	1177.4	849.4	453.9	189.8
55	97.3	156.3	354.1	545.1	837.0	1091.9	1255.5	1219.8	1027.4	694.4	310.0	78.6
60	24.2	64.9	215.6	398.3	682.1	941.9	1100.4	1064.8	877.4	540.2	183.2	18.9
Growing Degree Units for Corn (Monthly)												
50/86	283.6	314.5	504.8	651.1	847.4	965.5	1073.4	1065.2	958.7	769.0	463.4	260.7
Growing Degree Units (Accumulated Monthly)												
40	521	1078	1894	2888	4190	5732	7452	9137	10615	11774	12527	13015
45	368	785	1446	2290	3437	4829	6394	7924	9252	10256	10859	11193
50	220	500	1006	1700	2692	3934	5345	6720	7897	8746	9200	9390
55	97	254	608	1153	1990	3082	4337	5557	6584	7279	7589	7667
60	24	89	305	703	1385	2327	3427	4492	5370	5910	6093	6112
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	284	598	1103	1754	2601	3567	4640	5706	6664	7433	7897	8157

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

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