

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5205 ft. Lat: 34.5706° N Lon: 112.4322° W
Station: **PRESCOTT, AZ US USC00026796**
Generated on 05/20/2024

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	52.6	23.8	38.2	3.8	2.7	2.5	0.1	0.0	0.0	0.0	0.0	0.0	520.9	582.8	675.8	830.8	0.0	0.0	20.4	0.2	28.1	0.1
02	55.2	26.4	40.8	4.7	3.1	3.3	0.2	0.0	0.0	0.0	0.0	0.0	397.7	453.5	537.5	677.6	0.0	0.0	19.8	0.2	23.6	0.0
03	61.2	31.6	46.4	4.0	2.9	3.1	9.7	4.7	1.2	0.0	0.0	0.0	276.3	333.3	422.8	576.6	0.0	0.0	26.9	0.0	17.2	0.0
04	67.8	37.3	52.5	3.4	2.2	2.7	52.5	31.6	12.3	0.9	0.1	0.0	125.9	165.0	235.8	374.4	0.0	0.0	28.7	0.0	7.2	0.0
05	76.3	45.0	60.6	4.0	2.8	3.3	207.1	160.6	101.3	35.5	9.0	4.4	31.9	47.4	81.1	170.3	0.0	1.1	30.9	0.0	0.9	0.0
06	87.0	53.6	70.3	3.4	2.7	2.9	460.3	401.5	314.8	181.8	79.1	49.5	1.4	2.6	5.9	22.8	0.4	11.9	30.0	0.0	0.0	0.0
07	89.6	61.0	75.3	1.9	1.8	1.5	629.2	567.2	474.2	319.7	171.1	118.8	0.0	0.0	0.0	0.5	0.7	16.8	31.0	0.0	0.0	0.0
08	87.2	59.7	73.5	2.5	1.2	1.7	571.9	510.0	417.1	263.3	121.1	75.0	0.0	0.1	0.2	1.4	0.1	10.7	31.0	0.0	0.0	0.0
09	82.4	52.2	67.3	2.3	1.8	1.7	371.0	313.4	229.8	107.6	28.8	13.5	2.1	4.5	10.9	38.7	0.0	2.7	30.0	0.0	0.0	0.0
10	72.9	40.1	56.5	3.5	2.6	2.7	113.7	78.4	38.7	7.3	0.4	0.0	67.2	93.8	147.2	270.8	0.0	0.3	30.6	0.0	4.2	0.0
11	61.6	29.8	45.7	4.4	2.5	3.3	7.8	3.6	1.0	0.0	0.0	0.0	286.8	342.6	430.0	579.0	0.0	0.0	26.5	0.1	19.1	0.0
12	51.9	23.6	37.7	3.2	2.3	2.3	0.1	0.0	0.0	0.0	0.0	0.0	534.7	596.6	689.6	844.7	0.0	0.0	18.7	0.2	28.0	0.0
Summary	70.5	40.3	55.4	3.4	2.4	2.6	2424	2071	1590	916	410	261	2245	2622	3237	4388	1.2	43.5	324.5	0.7	128.3	0.1

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	1.52	5.6	3.4	1.0	0.4	0.24	0.89	2.10	
02	1.78	5.9	3.6	1.2	0.4	0.82	1.35	2.52	
03	1.46	5.4	3.0	1.0	0.2	0.47	1.34	1.92	
04	0.57	3.2	1.7	0.2	0.0	0.20	0.43	0.79	
05	0.51	3.0	1.6	0.2	0.0	0.00	0.27	0.55	
06	0.23	1.6	0.6	0.1	0.0	0.00	0.10	0.28	
07	2.69	9.9	5.6	1.8	0.5	1.39	1.96	4.20	
08	2.78	9.9	5.9	1.6	0.6	1.58	2.71	3.47	
09	1.64	5.9	3.4	1.0	0.4	0.51	1.26	2.32	
10	0.96	3.9	2.3	0.5	0.1	0.03	0.62	1.08	
11	0.87	3.8	2.0	0.5	0.2	0.12	0.57	1.41	
12	1.45	5.1	3.1	1.0	0.3	0.35	0.71	2.45	
Summary	16.46	63.2	36.2	10.1	3.1	5.71	12.21	23.09	

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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	1.90	1.2	0.8	0.3	0.1	0.0	1.3	0.3	0.0	0.0	0.00	1.00	2.40
02	3.10	1.2	0.8	0.3	0.1	0.0	1.0	0.4	0.2	0.1	0.00	0.60	4.60
03	2.50	0.8	0.7	0.3	0.1	0.0	0.3	0.1	0.1	0.0	0.00	0.00	1.10
04	0.40	0.3	0.2	0.0	0.0	0.0	0.2	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	0.90	0.4	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
12	1.40	1.3	0.7	0.1	0.1	0.0	0.9	0.1	0.1	0.0	0.00	0.50	2.40
Summary	10.2	5.2	3.4	1.1	0.4	0.0	3.8	1.0	0.4	0.1	0.0	2.1	10.5

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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	52.1	89.3	223.4	380.8	640.3	908.9	1094.2	1036.9	818.9	513.2	202.0	52.5
45	9.6	28.5	112.9	244.7	487.0	758.9	939.2	881.9	668.9	364.2	102.8	12.3
50	0.7	4.8	41.8	130.7	339.8	609.2	784.2	726.9	519.1	227.2	38.4	1.4
55	0.1	0.2	9.7	52.5	207.1	460.3	629.2	571.9	371.0	113.7	7.8	0.1
60	0.0	0.0	1.2	12.3	101.3	314.8	474.2	417.1	229.8	38.7	1.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	74.7	96.8	186.0	270.0	414.7	578.3	715.2	683.8	529.7	358.0	184.0	69.9

Growing Degree Units (Accumulated Monthly)												
40	52	141	365	746	1386	2295	3389	4426	5245	5758	5960	6012
45	10	38	151	396	883	1642	2581	3463	4132	4496	4599	4611
50	1	6	47	178	518	1127	1911	2638	3157	3384	3423	3424
55	0	0	10	62	270	730	1359	1931	2302	2416	2424	2424
60	0	0	1	14	115	430	904	1321	1551	1589	1590	1590
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	75	172	358	628	1042	1620	2336	3020	3549	3907	4091	4161

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

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