

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1040 ft. Lat: 33.4992° N Lon: 112.3631° W

Station: LITCHFIELD PARK, AZ US USC00024977

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	66.1	42.9	54.5	2.8	2.4	2.0	52.0	27.3	7.7	0.4	0.0	0.0	67.5	104.8	178.2	325.9	0.0	0.0	30.8	0.0	2.7	0.0
02	70.2	45.9	58.1	4.0	2.7	2.9	115.0	78.7	39.4	6.7	0.3	0.0	29.6	49.2	94.0	201.2	0.0	0.0	27.9	0.0	0.3	0.0
03	77.7	51.2	64.4	3.9	2.2	2.9	298.6	242.5	165.4	67.2	15.8	7.0	5.7	11.6	27.4	84.2	0.0	1.7	31.0	0.0	0.0	0.0
04	85.5	57.0	71.3	2.5	2.3	2.3	488.4	429.4	342.9	206.6	95.6	62.4	0.9	1.9	5.4	19.1	1.1	10.4	30.0	0.0	0.0	0.0
05	94.3	65.3	79.8	3.5	2.6	3.0	768.8	706.8	613.9	459.9	310.6	254.6	0.0	0.0	0.0	1.1	8.8	24.6	31.0	0.0	0.0	0.0
06	104.0	73.7	88.8	2.8	2.9	2.8	1015.4	955.4	865.4	715.4	565.4	505.7	0.0	0.0	0.0	0.0	24.7	29.5	30.0	0.0	0.0	0.0
07	106.5	81.2	93.8	1.7	2.3	1.8	1204.3	1142.3	1049.2	894.2	739.2	677.2	0.0	0.0	0.0	0.0	29.1	31.0	31.0	0.0	0.0	0.0
08	104.7	80.6	92.6	2.2	1.9	2.0	1167.1	1105.1	1012.1	857.1	702.1	640.1	0.0	0.0	0.0	0.0	27.4	30.8	31.0	0.0	0.0	0.0
09	99.3	73.8	86.5	2.0	1.8	1.7	946.4	886.4	796.4	646.4	496.4	436.6	0.0	0.0	0.0	0.0	17.4	28.6	30.0	0.0	0.0	0.0
10	88.1	60.9	74.5	3.1	2.3	2.3	604.7	543.1	451.5	303.8	170.4	125.8	0.2	0.6	2.0	9.3	3.5	15.8	31.0	0.0	0.0	0.0
11	74.6	49.3	61.9	3.6	3.0	3.1	225.4	176.5	114.7	43.7	9.7	4.8	16.9	28.0	56.1	135.1	0.0	0.7	30.0	0.0	0.6	0.0
12	64.5	42.0	53.2	2.3	2.0	1.8	38.9	19.4	5.3	0.3	0.0	0.0	93.0	135.5	214.3	364.4	0.0	0.0	30.9	0.0	3.5	0.0
Summary	86.3	60.3	73.3	2.9	2.4	2.4	6925	6313	5464	4202	3106	2714	214	332	577	1140	112.0	173.1	364.6	0.0	7.1	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	0.96	3.9	2.0	0.7	0.2	0.09	0.57	1.45	
02	1.20	4.2	2.5	0.9	0.1	0.17	0.65	1.46	
03	0.95	3.2	2.1	0.9	0.0	0.24	0.78	1.27	
04	0.29	1.5	0.7	0.1	0.0	0.00	0.09	0.38	
05	0.13	0.9	0.6	0.1	0.0	0.00	0.00	0.07	
06	0.03	0.3	0.2	0.0	0.0	0.00	0.00	0.00	
07	0.76	3.5	1.9	0.5	0.1	0.21	0.53	1.17	
08	1.06	3.9	2.6	0.8	0.2	0.36	0.92	1.53	
09	0.79	3.4	1.6	0.6	0.2	0.03	0.49	1.11	
10	0.57	2.0	1.0	0.2	0.1	0.00	0.20	0.43	
11	0.59	2.3	1.3	0.3	0.2	0.00	0.33	0.64	
12	0.85	4.4	2.5	0.6	0.1	0.13	0.66	1.30	
Summary	8.18	33.5	19.0	5.7	1.2	1.23	5.22	10.81	

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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	449.8	505.5	757.9	937.5	1233.8	1465.4	1669.3	1632.1	1396.4	1069.5	658.5	411.0
45	297.5	365.9	602.9	787.5	1078.8	1315.4	1514.3	1477.1	1246.4	914.5	509.0	259.3
50	156.4	231.4	448.4	637.5	923.8	1165.4	1359.3	1322.1	1096.4	759.5	362.2	127.4
55	52.0	115.0	298.6	488.4	768.8	1015.4	1204.3	1167.1	946.4	604.7	225.4	38.9
60	7.7	39.4	165.4	342.9	613.9	865.4	1049.2	1012.1	796.4	451.5	114.7	5.3
Growing Degree Units for Corn (Monthly)												
50/86	255.7	295.6	468.7	604.7	785.7	894.9	1034.7	1028.6	895.9	697.8	405.0	229.6

Growing Degree Units (Accumulated Monthly)												
40	450	955	1713	2651	3884	5350	7019	8651	10048	11117	11776	12187
45	298	663	1266	2054	3133	4448	5962	7439	8686	9600	10109	10369
50	156	388	836	1474	2398	3563	4922	6244	7341	8100	8462	8590
55	52	167	466	954	1723	2738	3942	5110	6056	6661	6886	6925
60	8	47	212	555	1169	2035	3084	4096	4892	5344	5459	5464
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	256	551	1020	1625	2410	3305	4340	5369	6264	6962	7367	7597

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

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