

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 2835 ft. Lat: 33.0094° N Lon: 109.9855° W
Station: FT THOMAS 2 SW, AZ US USC00023150

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	61.3	28.1	44.7	3.6	3.4	2.3	1.4	0.3	0.0	0.0	0.0	0.0	320.7	381.6	474.3	629.3	0.0	0.0	29.0	0.0	23.1	0.0
02	66.3	31.6	48.9	3.8	3.5	2.7	10.8	4.1	0.6	0.0	0.0	0.0	180.2	229.5	309.9	449.3	0.0	0.0	27.2	0.0	14.8	0.0
03	74.4	36.6	55.5	3.4	1.9	2.3	83.9	53.6	22.9	3.7	0.0	0.0	68.3	100.1	162.3	298.2	0.0	0.3	30.8	0.0	7.3	0.0
04	82.2	43.6	62.9	2.4	2.9	2.5	249.2	198.1	129.3	49.2	11.0	4.9	12.2	21.1	42.3	112.1	0.1	4.0	30.0	0.0	1.6	0.0
05	90.5	52.5	71.5	3.2	3.2	2.9	512.1	450.9	360.7	221.8	108.6	73.5	0.6	1.4	4.2	20.2	1.5	17.3	31.0	0.0	0.0	0.0
06	100.0	62.4	81.2	2.8	3.1	2.7	785.9	725.9	635.9	486.3	338.5	281.0	0.0	0.0	0.0	0.4	15.1	28.5	30.0	0.0	0.0	0.0
07	100.0	70.6	85.3	2.6	1.6	1.8	939.3	877.3	784.2	629.2	474.3	412.3	0.0	0.0	0.0	0.0	15.6	29.2	31.0	0.0	0.0	0.0
08	97.6	68.8	83.2	2.7	1.7	2.0	874.2	812.2	719.2	564.2	409.3	347.5	0.0	0.0	0.0	0.0	10.9	28.2	31.0	0.0	0.0	0.0
09	93.4	61.7	77.6	2.4	2.0	1.7	676.5	616.5	526.5	377.1	233.0	180.0	0.0	0.0	0.1	0.7	2.7	21.9	30.0	0.0	0.0	0.0
10	84.0	47.6	65.8	3.0	2.7	1.7	342.8	285.9	205.7	95.2	28.4	15.0	8.0	13.1	25.9	70.4	0.1	6.9	31.0	0.0	0.9	0.0
11	70.9	35.1	53.0	4.1	2.7	2.9	57.0	37.9	18.1	3.9	0.6	0.3	117.0	157.9	228.1	363.8	0.0	0.0	29.8	0.0	11.4	0.0
12	60.3	27.9	44.1	2.7	2.8	1.9	1.7	0.5	0.0	0.0	0.0	0.0	339.5	400.3	492.7	647.7	0.0	0.0	28.6	0.0	22.9	0.0
Summary	81.7	47.2	64.5	3.1	2.6	2.3	4535	4063	3403	2431	1604	1314	1046	1305	1740	2592	46.0	136.3	359.4	0.0	82.0	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	1.01	4.4	2.9	0.5	0.1	0.23	0.85	1.45	
02	0.98	4.0	2.2	0.5	0.1	0.15	0.67	1.59	
03	0.60	2.8	1.5	0.4	0.1	0.19	0.47	0.86	
04	0.25	1.6	0.8	0.1	0.0	0.00	0.10	0.32	
05	0.37	1.5	0.8	0.2	0.0	0.00	0.11	0.33	
06	0.15	1.2	0.5	0.1	0.0	0.00	0.00	0.15	
07	1.74	6.5	3.7	1.0	0.2	0.85	1.66	2.39	
08	1.85	7.0	4.2	1.3	0.2	1.17	1.91	2.18	
09	1.10	4.2	2.4	0.7	0.2	0.37	0.93	1.52	
10	0.73	2.8	1.6	0.3	0.1	0.12	0.43	0.91	
11	0.50	2.9	1.9	0.2	0.0	0.08	0.38	0.67	
12	0.92	4.2	2.8	0.5	0.1	0.23	0.67	1.33	
Summary	10.20	43.1	25.3	5.8	1.1	3.39	8.18	13.70	

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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	167.7	256.2	480.9	687.0	976.5	1235.9	1404.2	1339.2	1126.4	799.8	392.6	150.9
45	63.1	135.4	329.7	537.1	821.5	1085.9	1249.2	1184.2	976.4	645.1	254.1	58.6
50	13.2	51.0	191.3	388.9	666.6	935.9	1094.3	1029.2	826.5	491.9	137.1	14.7
55	1.4	10.8	83.9	249.2	512.1	785.9	939.3	874.2	676.5	342.8	57.0	1.7
60	0.0	0.6	22.9	129.3	360.7	635.9	784.2	719.2	526.5	205.7	18.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	178.6	229.6	376.2	474.7	602.4	727.6	877.2	848.2	710.5	528.9	313.6	163.3

Growing Degree Units (Accumulated Monthly)												
40	168	424	905	1592	2568	3804	5208	6548	7674	8474	8866	9017
45	63	198	528	1065	1887	2973	4222	5406	6382	7028	7282	7340
50	13	64	256	644	1311	2247	3341	4370	5197	5689	5826	5841
55	1	12	96	345	857	1643	2583	3457	4133	4476	4533	4535
60	0	1	24	153	514	1149	1934	2653	3179	3385	3403	3403
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	179	408	784	1259	1862	2589	3466	4314	5025	5554	5868	6031

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