

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7286 ft. Lat: 36.6778° N Lon: 110.5411° W
Station: **BETATAKIN, AZ US USC00020750**
Generated on 05/23/2024

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	39.9	22.0	31.0	3.8	3.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	745.5	807.5	900.5	1055.5	0.0	0.0	4.3	5.0	29.6	0.2
02	43.8	24.5	34.1	4.6	3.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	583.7	639.8	723.7	863.8	0.0	0.0	8.5	2.5	24.7	0.1
03	52.5	30.2	41.4	3.8	2.6	2.9	2.0	0.7	0.0	0.0	0.0	0.0	425.2	485.8	578.2	733.2	0.0	0.0	20.7	0.5	19.2	0.0
04	60.7	35.1	47.9	3.9	2.4	2.9	20.1	10.6	3.3	0.2	0.0	0.0	233.1	283.5	366.2	513.2	0.0	0.0	26.3	0.0	11.9	0.0
05	70.8	44.3	57.5	3.9	3.0	3.3	148.4	111.0	65.5	21.5	5.5	2.8	69.3	93.9	141.4	252.5	0.0	0.2	30.5	0.0	2.8	0.0
06	82.1	54.6	68.3	3.6	3.0	3.2	404.1	346.7	264.1	141.9	53.4	30.1	3.7	6.3	13.8	41.4	0.0	4.3	30.0	0.0	0.1	0.0
07	85.7	60.1	72.9	2.2	1.7	1.9	555.6	494.0	402.1	251.3	116.9	74.5	0.8	1.2	2.3	6.4	0.0	8.2	31.0	0.0	0.1	0.0
08	82.9	58.2	70.6	2.8	2.0	2.3	482.1	420.3	328.1	181.9	67.3	37.6	0.1	0.3	1.1	9.8	0.0	3.9	31.0	0.0	0.0	0.0
09	76.2	51.7	63.9	2.4	2.0	2.1	279.1	225.2	149.8	55.3	10.5	4.3	10.6	16.8	31.4	86.9	0.0	0.2	30.0	0.0	0.2	0.0
10	63.9	41.2	52.5	3.4	2.7	2.7	60.7	37.6	15.6	1.9	0.0	0.0	136.6	175.5	246.6	387.9	0.0	0.0	28.5	0.1	4.7	0.0
11	50.7	30.2	40.5	4.9	3.3	4.0	2.2	0.8	0.1	0.0	0.0	0.0	438.7	497.2	586.5	736.5	0.0	0.0	18.0	1.0	17.8	0.0
12	40.3	22.1	31.2	3.9	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	737.6	799.7	892.6	1047.7	0.0	0.0	5.3	6.0	28.3	0.1
Summary	62.5	39.5	51.0	3.6	2.7	2.9	1954	1647	1229	654	254	149	3385	3808	4484	5735	0.0	16.8	264.1	15.1	139.4	0.4

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	1.17	5.2	3.4	0.7	0.2	0.02	0.76	1.87
02	1.03	5.3	3.3	0.6	0.1	0.28	0.83	1.20
03	0.79	4.1	2.6	0.2	0.0	0.16	0.72	1.15
04	0.64	2.8	2.1	0.3	0.0	0.08	0.44	0.96
05	0.58	3.0	1.6	0.2	0.1	0.03	0.35	0.59
06	0.18	1.3	0.7	0.0	0.0	0.00	0.03	0.19
07	1.23	5.6	3.2	0.7	0.0	0.44	1.24	1.69
08	1.45	6.7	4.0	0.9	0.1	0.61	1.37	2.19
09	1.23	4.9	2.8	0.9	0.2	0.47	0.98	1.65
10	0.96	3.5	2.0	0.8	0.1	0.12	0.59	1.28
11	0.69	3.2	1.7	0.3	0.0	0.28	0.58	1.00
12	1.16	4.0	2.7	0.5	0.1	0.53	0.90	1.78
Summary	11.11	49.6	30.1	6.1	0.9	3.02	8.79	15.55

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

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

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	8.30	3.8	3.2	1.3	0.4	0.0					0.00	5.00	11.50
02	9.10	3.5	3.0	1.3	0.5	0.1					2.60	7.50	9.90
03	3.70	2.0	1.7	0.8	0.1	0.0					0.00	2.40	3.50
04	3.30	1.0	0.9	0.5	0.1	0.0					0.00	0.00	3.00
05	0.40	0.1	0.1	0.1	0.0	0.0					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.30	0.3	0.1	0.1	0.0	0.0					0.00	0.00	0.00
11	3.20	1.9	1.3	0.4	0.0	0.0					0.00	0.90	3.00
12	7.20	3.4	2.8	1.4	0.6	0.0					1.50	7.20	11.50
Summary	35.5	16.0	13.1	5.9	1.7	0.1	0.0	0.0	0.0	0.0	4.1	23.0	42.4

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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	6.7	23.9	118.0	260.7	545.9	850.4	1019.7	947.0	718.4	400.6	114.1	10.0
45	0.4	5.0	48.4	149.8	398.7	700.5	864.8	792.0	568.7	263.3	50.3	1.4
50	0.0	0.5	14.2	67.5	263.0	551.2	709.9	637.0	420.9	145.8	14.6	0.2
55	0.0	0.0	2.0	20.1	148.4	404.1	555.6	482.1	279.1	60.7	2.2	0.0
60	0.0	0.0	0.0	3.3	65.5	264.1	402.1	328.1	149.8	15.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.0	16.1	78.9	173.6	338.3	552.9	683.2	626.1	444.7	228.8	67.1	6.9

Growing Degree Units (Accumulated Monthly)												
40	7	31	149	409	955	1806	2825	3772	4491	4891	5005	5015
45	0	5	54	204	602	1303	2168	2960	3528	3792	3842	3843
50	0	0	15	82	345	896	1606	2243	2664	2810	2825	2825
55	0	0	2	22	170	575	1130	1612	1891	1952	1954	1954
60	0	0	0	3	69	333	735	1063	1213	1228	1229	1229
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	21	100	274	612	1165	1848	2474	2919	3148	3215	3222

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

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