

Summary of Monthly Normals
1991-2020

Generated on 04/20/2024

Current Location: Elev: 5085 ft. Lat: 34.9094° N Lon: 110.1544° W
Station: **HOLBROOK, AZ US USC00024089**

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	51.3	21.7	36.5	4.9	3.8	3.4	0.1	0.0	0.0	0.0	0.0	0.0	573.5	635.5	728.5	883.4	0.0	0.0	19.0	1.0	28.0	0.2
02	57.1	24.8	41.0	3.7	3.6	2.8	0.6	0.3	0.0	0.0	0.0	0.0	393.9	449.6	533.3	673.3	0.0	0.0	23.4	0.1	23.1	0.1
03	65.2	30.6	47.9	3.4	2.8	2.6	10.5	4.3	0.6	0.0	0.0	0.0	230.6	286.4	375.7	530.1	0.0	0.0	28.4	0.0	20.8	0.0
04	72.1	37.4	54.7	3.1	2.2	2.4	78.6	51.1	22.0	3.3	0.2	0.0	86.0	118.6	179.4	310.8	0.0	0.4	29.7	0.0	8.5	0.0
05	81.4	45.8	63.6	3.3	2.3	2.5	277.9	223.4	148.2	55.3	12.4	6.1	11.3	18.8	36.6	98.7	0.0	4.2	31.0	0.0	0.6	0.0
06	91.5	54.9	73.2	3.5	2.6	2.9	546.2	486.4	397.4	252.5	125.8	85.0	0.3	0.5	1.5	6.6	1.2	19.3	30.0	0.0	0.0	0.0
07	94.1	62.4	78.3	2.3	2.1	1.9	720.6	658.6	565.6	410.6	256.2	195.8	0.0	0.0	0.0	0.0	6.1	25.1	31.0	0.0	0.0	0.0
08	91.0	61.4	76.2	2.4	1.6	1.8	657.1	595.1	502.2	347.8	195.6	138.4	0.0	0.0	0.1	0.6	1.6	20.2	31.0	0.0	0.0	0.0
09	85.6	53.7	69.6	2.3	2.1	1.8	439.9	380.6	293.5	157.2	55.9	30.4	0.5	1.2	4.1	17.8	0.2	6.9	30.0	0.0	0.0	0.0
10	74.8	40.7	57.7	3.2	2.5	2.1	136.4	97.0	50.0	10.7	0.3	0.0	51.1	73.7	119.7	235.5	0.0	0.6	30.6	0.0	4.8	0.0
11	61.1	28.7	44.9	3.9	2.4	2.7	8.0	4.3	1.0	0.0	0.0	0.0	311.0	367.2	453.9	602.9	0.0	0.0	26.5	0.1	22.4	0.0
12	49.8	21.5	35.6	4.7	2.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	599.7	661.7	754.7	909.6	0.0	0.0	14.9	1.3	28.3	0.0
Summary	72.9	40.3	56.6	3.4	2.5	2.5	2876	2501	1980	1237	646	456	2258	2613	3188	4269	9.1	76.7	325.5	2.5	136.5	0.3

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	0.73	3.9	1.6	0.1	0.0	0.03	0.34	0.77	
02	0.35	3.5	1.3	0.2	0.0	0.03	0.19	0.52	
03	0.52	4.2	2.3	0.1	0.0	0.04	0.34	0.84	
04	0.26	2.2	1.1	0.1	0.0	0.05	0.16	0.38	
05	0.29	2.4	1.0	0.0	0.0	0.00	0.12	0.45	
06	0.25	1.7	0.6	0.1	0.0	0.00	0.05	0.15	
07	1.05	5.3	2.6	0.5	0.2	0.51	0.83	1.32	
08	1.71	7.4	3.6	0.7	0.3	0.68	1.44	2.58	
09	1.13	4.6	2.2	0.5	0.1	0.45	1.03	1.69	
10	0.90	3.3	2.1	0.4	0.1	0.18	0.56	1.46	
11	0.50	2.7	1.5	0.1	0.0	0.09	0.32	0.71	
12	0.44	4.2	2.1	0.1	0.0	0.02	0.38	0.65	
Summary	8.13	45.4	22.0	2.9	0.7	2.08	5.76	11.52	

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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	0.50	0.4	0.4	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.00	0.00	0.00
02	0.50	0.4	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
03	0.60	0.4	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	1.00
04	0.50	0.1	0.1	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	0.60	0.4	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	1.00
12	0.60	0.5	0.4	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
Summary	3.3	2.2	1.9	0.5	0.0	0.0	1.8	0.4	0.0	0.0	0.0	0.0	2.0

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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	37.0	84.7	259.0	443.6	731.6	995.9	1185.5	1122.1	889.3	551.6	184.9	34.5
45	7.7	26.0	136.2	299.9	576.8	845.9	1030.6	967.1	739.4	400.9	90.3	8.8
50	0.9	5.0	51.9	172.9	423.9	695.9	875.6	812.1	589.4	258.9	32.1	1.0
55	0.1	0.6	10.5	78.6	277.9	546.2	720.6	657.1	439.9	136.4	8.0	0.0
60	0.0	0.0	0.6	22.0	148.2	397.4	565.6	502.2	293.5	50.0	1.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	64.9	112.5	240.1	332.0	479.6	611.8	746.4	725.7	574.7	386.8	176.9	56.2

Growing Degree Units (Accumulated Monthly)												
40	37	122	381	824	1556	2552	3737	4859	5749	6300	6485	6520
45	8	34	170	470	1047	1892	2923	3890	4630	5030	5121	5130
50	1	6	58	231	655	1350	2226	3038	3628	3886	3919	3920
55	0	1	11	90	368	914	1634	2292	2732	2868	2876	2876
60	0	0	1	23	171	568	1134	1636	1930	1980	1980	1980
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	65	177	418	750	1229	1841	2587	3313	3888	4274	4451	4508

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