

Summary of Monthly Normals
1991-2020

Current Location: Elev: 822 ft. Lat: 34.3850° N Lon: 94.8981° W
Station: **BATTIEST, OK US USC00340567**
Generated on 06/05/2024

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	51.7	26.5	39.1	3.6	3.8	3.3	8.9	5.9	2.7	0.5	0.0	0.0	501.5	560.5	650.4	803.3	0.0	0.0	16.6	1.7	23.2	0.1
02	56.2	29.8	43.0	4.4	3.3	3.5	14.7	9.3	4.3	0.7	0.0	0.0	350.6	401.3	480.2	616.7	0.0	0.0	20.1	1.0	17.7	0.0
03	64.2	36.9	50.6	4.1	4.0	3.8	58.6	40.7	21.2	4.5	0.5	0.1	196.5	240.7	314.2	452.5	0.0	0.0	27.5	0.2	11.6	0.0
04	72.7	44.7	58.7	2.5	3.4	2.9	165.1	126.8	78.7	26.0	4.7	1.7	54.0	75.7	117.7	215.0	0.0	0.1	29.6	0.0	3.5	0.0
05	78.8	55.9	67.3	2.3	2.2	2.0	386.9	328.3	245.2	125.2	43.0	22.7	4.1	7.5	17.4	52.3	0.0	0.8	31.0	0.0	0.2	0.0
06	86.3	63.7	75.0	3.0	2.2	2.2	599.8	539.9	450.1	301.5	161.7	112.2	0.0	0.0	0.2	1.6	0.2	5.5	30.0	0.0	0.0	0.0
07	91.3	67.2	79.2	3.9	1.8	2.4	751.6	689.6	596.7	441.8	288.4	228.9	0.0	0.0	0.0	0.1	2.7	16.7	31.0	0.0	0.0	0.0
08	91.5	65.7	78.6	4.8	2.2	3.2	731.3	669.4	576.5	422.0	271.1	213.5	0.0	0.0	0.0	0.5	3.1	17.0	31.0	0.0	0.0	0.0
09	84.8	58.5	71.7	3.8	3.4	2.9	500.2	441.1	355.1	221.3	110.8	76.4	0.8	1.8	5.7	21.9	0.5	7.1	30.0	0.0	0.0	0.0
10	73.9	46.9	60.4	3.3	3.2	2.5	212.2	168.6	113.7	49.4	14.9	8.0	44.8	63.2	101.3	192.0	0.0	0.3	30.8	0.0	2.7	0.0
11	62.3	36.0	49.1	4.6	4.0	3.9	49.2	34.2	18.6	5.1	0.6	0.2	224.6	269.5	344.0	480.5	0.0	0.0	26.0	0.0	13.2	0.0
12	53.8	29.1	41.5	3.6	3.1	2.9	12.9	8.5	4.5	1.1	0.0	0.0	432.8	490.4	579.4	731.1	0.0	0.0	19.7	0.9	20.0	0.0
Summary	72.3	46.7	59.5	3.7	3.1	3.0	3491	3062	2467	1599	896	664	1810	2111	2610	3568	6.5	47.5	323.3	3.8	92.1	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	3.71	8.6	5.7	2.4	1.1	2.23	3.49	5.00
02	3.71	9.4	6.0	2.4	1.1	2.07	3.43	4.38
03	5.15	9.6	6.8	3.2	1.7	3.67	4.77	6.12
04	5.56	8.9	6.8	4.0	1.9	3.46	5.39	6.97
05	6.66	10.2	7.3	4.0	2.4	4.11	5.86	8.59
06	4.76	8.3	6.2	3.2	1.6	2.77	3.69	6.54
07	4.29	7.3	5.6	2.9	1.5	2.12	3.87	6.19
08	3.83	7.1	5.1	2.4	1.2	1.98	3.67	5.43
09	5.00	7.1	5.3	3.0	1.9	2.55	4.24	6.99
10	5.27	8.2	6.1	3.4	1.8	2.63	4.42	6.70
11	4.59	8.5	5.7	2.8	1.4	2.36	3.57	5.80
12	5.13	8.7	6.4	2.9	1.5	3.21	5.24	6.72
Summary	57.66	101.9	73.0	36.6	19.1	33.16	51.64	75.43

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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	1.00	0.7	0.2	0.1	0.1	0.0	0.6	0.2	0.1	0.0	0.00	0.00	0.80
02	1.10	0.9	0.3	0.1	0.0	0.0	0.6	0.2	0.0	0.0	0.00	0.00	0.90
03	0.50	0.3	0.2	0.0	0.0	0.0	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.30	0.4	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.10
Summary	2.9	2.4	0.8	0.2	0.1	0.0	1.6	0.4	0.1	0.0	0.0	0.0	1.8

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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	102.1	156.2	347.2	562.4	847.8	1049.9	1216.7	1196.4	949.4	633.4	298.1	135.9
45	49.7	82.3	222.4	417.0	692.9	899.9	1061.7	1041.4	799.4	482.0	186.7	69.1
50	21.9	38.0	124.6	280.7	538.5	749.9	906.6	886.4	649.4	338.6	103.9	32.2
55	8.9	14.7	58.6	165.1	386.9	599.8	751.6	731.3	500.2	212.2	49.2	12.9
60	2.7	4.3	21.2	78.7	245.2	450.1	596.7	576.5	355.1	113.7	18.6	4.5
Growing Degree Units for Corn (Monthly)												
50/86	87.7	122.2	239.5	371.6	555.8	716.4	814.4	787.8	626.1	414.8	205.7	103.8

Growing Degree Units (Accumulated Monthly)												
40	102	258	606	1168	2016	3066	4282	5479	6428	7062	7360	7496
45	50	132	354	771	1464	2364	3426	4467	5267	5749	5935	6004
50	22	60	184	465	1004	1754	2660	3547	4196	4535	4638	4671
55	9	24	82	247	634	1234	1986	2717	3217	3429	3478	3491
60	3	7	28	107	352	802	1399	1975	2330	2444	2463	2467
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	88	210	449	821	1377	2093	2908	3695	4322	4736	4942	5046

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