

Summary of Monthly Normals
1991-2020

Generated on 05/02/2024

Current Location: Elev: 1000 ft. Lat: 36.5297° N Lon: 97.4472° W
Station: **BILLINGS, OK US USC00340755**

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	46.5	23.0	34.7	4.1	3.1	3.2	2.0	1.2	0.5	0.0	0.0	0.0	629.6	690.8	783.2	937.6	0.0	0.0	13.7	5.0	26.7	0.2
02	51.3	26.5	38.9	5.5	4.3	4.4	7.2	4.2	1.9	0.4	0.0	0.0	457.9	510.9	592.7	731.1	0.0	0.0	15.6	3.1	21.0	0.2
03	60.8	35.5	48.2	4.4	3.9	3.9	50.4	35.1	18.7	4.7	0.4	0.1	262.9	309.5	386.1	527.1	0.0	0.0	24.5	0.8	11.9	0.1
04	70.0	44.4	57.2	3.5	3.4	3.2	150.5	117.0	75.3	28.8	7.5	3.9	84.5	111.0	159.3	262.8	0.0	0.4	28.8	0.0	3.4	0.0
05	78.4	55.6	67.0	3.5	2.9	3.0	380.3	324.6	247.4	138.3	61.6	40.1	8.3	14.6	30.4	76.3	0.0	2.7	30.9	0.0	0.2	0.0
06	88.2	65.7	77.0	3.3	2.2	2.6	658.4	598.5	508.8	361.6	222.0	171.0	0.0	0.1	0.4	3.3	0.8	13.9	30.0	0.0	0.0	0.0
07	93.4	70.2	81.8	3.5	2.4	2.8	830.7	768.7	675.7	520.9	367.9	308.1	0.0	0.0	0.0	0.3	5.2	23.0	31.0	0.0	0.0	0.0
08	92.5	68.5	80.5	4.1	2.2	2.9	790.4	728.4	635.4	480.7	329.1	271.2	0.0	0.0	0.0	0.4	5.6	20.9	31.0	0.0	0.0	0.0
09	84.7	59.9	72.3	3.7	3.3	3.2	521.3	463.2	378.6	246.6	138.6	103.5	2.4	4.3	9.6	27.7	1.0	9.8	30.0	0.0	0.0	0.0
10	73.0	47.0	60.0	3.7	2.7	2.8	215.1	173.2	119.1	54.0	17.2	9.8	60.1	80.1	119.1	209.0	0.0	1.1	30.1	0.1	2.1	0.0
11	59.8	35.7	47.8	4.9	4.0	4.0	43.6	30.3	16.7	4.5	0.7	0.3	261.1	307.8	384.2	521.9	0.0	0.0	24.1	0.4	11.7	0.0
12	48.6	26.2	37.4	3.8	3.2	3.2	3.7	2.2	1.0	0.1	0.0	0.0	549.0	609.7	701.5	855.5	0.0	0.0	15.5	3.4	23.5	0.1
Summary	70.6	46.5	58.6	4.0	3.1	3.3	3654	3247	2679	1841	1145	908	2316	2639	3166	4153	12.6	71.8	305.2	12.8	100.5	0.6

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	1.16	4.7	2.4	0.8	0.3	0.27	0.88	1.94
02	1.37	5.0	2.7	0.9	0.3	0.47	1.22	1.74
03	2.63	6.7	4.5	1.7	0.7	1.26	2.10	3.50
04	3.67	7.1	5.5	2.4	1.3	2.58	3.51	4.57
05	4.80	8.2	6.4	3.2	1.5	2.64	3.84	5.33
06	4.63	7.2	5.8	3.3	1.7	2.23	3.62	6.47
07	3.74	6.0	4.9	2.6	1.5	2.61	3.58	4.97
08	3.45	6.9	4.9	2.3	1.0	1.96	2.76	4.99
09	2.88	5.5	3.9	2.0	0.8	1.82	2.54	3.84
10	3.49	6.4	4.5	2.3	0.9	1.95	2.75	4.68
11	1.96	4.2	2.8	1.1	0.6	0.66	1.25	3.54
12	1.54	5.0	2.9	1.0	0.4	0.48	1.30	2.19
Summary	35.32	72.9	51.2	23.6	11.0	18.93	29.35	47.76

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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	58.0	107.5	300.0	521.6	837.0	1108.3	1295.6	1255.2	968.8	623.4	273.8	82.5
45	21.9	53.6	191.2	382.2	682.4	958.4	1140.7	1100.3	818.9	474.8	170.5	35.1
50	6.8	22.7	107.6	255.4	528.9	808.4	985.7	945.4	669.2	335.9	94.5	12.4
55	2.0	7.2	50.4	150.5	380.3	658.4	830.7	790.4	521.3	215.1	43.6	3.7
60	0.5	1.9	18.7	75.3	247.4	508.8	675.7	635.4	378.6	119.1	16.7	1.0
Growing Degree Units for Corn (Monthly)												
50/86	58.2	90.8	202.1	328.2	537.7	749.0	861.8	831.6	637.1	396.4	178.1	66.5

Growing Degree Units (Accumulated Monthly)												
40	58	166	466	987	1824	2932	4228	5483	6452	7075	7349	7432
45	22	76	267	649	1331	2290	3430	4531	5350	5824	5995	6030
50	7	30	137	392	921	1730	2716	3661	4330	4666	4760	4773
55	2	9	60	210	590	1249	2080	2870	3391	3606	3650	3654
60	0	2	21	96	344	853	1528	2164	2542	2661	2678	2679
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	58	149	351	679	1217	1966	2828	3659	4296	4693	4871	4938

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

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