

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 4133 ft. Lat: 36.7236° N Lon: 102.4806° W
Station: **BOISE CITY 2 E, OK US USC00340908**

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	51.8	20.4	36.1	4.7	2.2	3.1	0.3	0.1	0.0	0.0	0.0	0.0	586.2	648.0	740.9	895.9	0.0	0.0	18.8	2.7	29.0	0.6
02	55.7	22.6	39.1	5.4	2.9	3.7	3.1	1.5	0.6	0.1	0.0	0.0	446.7	501.2	584.3	723.8	0.0	0.0	19.8	1.8	25.2	0.4
03	64.2	29.5	46.8	3.4	2.5	2.5	24.7	14.6	5.8	0.8	0.0	0.0	277.4	329.3	413.5	563.4	0.0	0.0	27.1	0.6	19.7	0.0
04	71.5	37.6	54.5	4.1	2.8	3.1	98.1	69.7	37.1	8.6	1.3	0.4	111.5	143.2	200.6	322.0	0.0	0.6	28.3	0.1	7.0	0.0
05	80.4	47.3	63.8	4.2	2.1	2.9	293.4	241.8	170.4	77.8	25.0	14.1	19.0	29.4	51.1	113.4	0.3	5.3	30.8	0.0	0.9	0.0
06	90.1	57.9	74.0	3.6	2.1	2.6	570.1	510.3	421.0	276.7	148.8	106.5	0.2	0.4	1.1	6.8	2.7	16.6	30.0	0.0	0.0	0.0
07	93.8	62.8	78.3	2.7	1.4	1.9	722.1	660.2	567.3	412.8	261.0	203.0	0.0	0.0	0.1	0.6	5.1	23.6	31.0	0.0	0.0	0.0
08	90.8	61.5	76.1	3.0	1.6	2.1	655.6	593.6	500.7	347.4	199.5	145.4	0.0	0.0	0.1	1.8	1.6	18.6	31.0	0.0	0.0	0.0
09	84.6	53.8	69.2	3.6	2.3	2.7	429.5	372.1	288.3	162.8	68.3	42.2	3.7	6.2	12.4	36.9	0.4	8.5	30.0	0.0	0.1	0.0
10	73.5	40.4	57.0	3.8	3.0	2.9	139.1	103.8	61.6	17.8	2.5	0.9	78.6	105.3	156.1	267.3	0.0	0.9	30.1	0.1	4.9	0.0
11	61.4	29.3	45.3	4.7	2.7	3.4	18.9	11.1	4.0	0.4	0.0	0.0	308.4	360.6	443.5	589.9	0.0	0.0	24.6	0.7	19.6	0.0
12	51.3	21.7	36.5	4.0	2.2	2.7	1.0	0.4	0.1	0.0	0.0	0.0	574.3	635.6	728.4	883.3	0.0	0.0	17.5	2.7	28.6	0.4
Summary	72.4	40.4	56.4	3.9	2.3	2.8	2956	2579	2057	1305	706	512	2406	2759	3332	4405	10.1	74.1	319.0	8.7	135.0	1.4

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	0.50	2.7	1.6	0.3	0.0	0.10	0.24	0.89	
02	0.36	2.6	1.3	0.1	0.0	0.10	0.30	0.49	
03	1.10	3.6	2.3	0.9	0.2	0.29	0.90	1.53	
04	1.40	4.4	3.1	0.9	0.2	0.38	1.02	1.74	
05	1.82	5.9	3.9	1.2	0.4	0.59	1.06	2.52	
06	2.28	5.8	3.8	1.8	0.5	1.29	2.09	2.87	
07	3.12	7.2	5.4	2.1	0.6	1.39	2.83	4.26	
08	3.23	6.6	4.8	2.3	1.2	1.86	2.81	4.48	
09	1.75	4.0	2.8	1.2	0.6	0.67	1.65	2.30	
10	1.48	3.4	2.6	1.2	0.5	0.29	0.85	2.35	
11	0.56	2.6	1.8	0.4	0.0	0.02	0.43	0.74	
12	0.74	3.2	2.0	0.5	0.1	0.25	0.60	0.88	
Summary	18.34	52.0	35.4	12.9	4.3	7.23	14.78	25.05	

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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	7.30	2.9	2.2	1.0	0.5	0.0					2.50	7.00	10.20
02	2.50	1.6	1.2	0.5	0.1	0.0					0.00	2.00	3.70
03	7.20	2.2	2.0	1.0	0.6	0.1					1.50	6.50	11.70
04	2.30	0.8	0.7	0.4	0.2	0.0					0.00	0.00	2.20
05	0.20	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	1.30	0.3	0.3	0.2	0.1	0.0					0.00	0.00	0.00
11	3.10	1.2	1.2	0.5	0.1	0.0					0.00	2.00	4.00
12	7.90	2.8	2.1	0.9	0.4	0.2					3.00	4.70	10.00
Summary	31.8	11.9	9.8	4.6	2.0	0.3	0.0	0.0	0.0	0.0	7.0	22.2	41.8

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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	59.6	93.8	255.3	445.7	739.5	1019.8	1187.1	1120.6	875.9	531.6	216.5	68.1
45	19.3	39.2	148.3	308.9	585.4	869.9	1032.1	965.6	726.0	384.6	120.6	24.0
50	4.0	13.0	70.8	190.3	434.5	719.9	877.1	810.6	576.5	250.3	54.9	6.5
55	0.3	3.1	24.7	98.1	293.4	570.1	722.1	655.6	429.5	139.1	18.9	1.0
60	0.0	0.6	5.8	37.1	170.4	421.0	567.3	500.7	288.3	61.6	4.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	93.9	123.0	236.3	327.6	472.2	639.6	748.8	720.5	559.1	369.8	195.2	90.9

Growing Degree Units (Accumulated Monthly)												
40	60	153	409	854	1594	2614	3801	4921	5797	6329	6545	6614
45	19	58	207	516	1101	1971	3003	3969	4695	5079	5200	5224
50	4	17	88	278	713	1432	2310	3120	3697	3947	4002	4008
55	0	3	28	126	420	990	1712	2367	2797	2936	2955	2956
60	0	1	6	44	214	635	1202	1703	1991	2053	2057	2057
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	94	217	453	781	1253	1893	2641	3362	3921	4291	4486	4577

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