

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 685 ft. Lat: 36.3894° N Lon: 95.0597° W

Station: SPAVINAW, OK US USC00348380

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	48.1	26.2	37.2	4.1	3.3	3.4	4.6	2.7	1.1	0.0	0.0	0.0	557.7	617.8	709.2	863.2	0.0	0.0	15.9	2.6	21.0	0.0
02	53.0	29.9	41.5	4.8	3.6	3.9	12.6	7.7	3.2	0.5	0.1	0.0	391.9	443.0	522.6	659.9	0.0	0.0	18.6	1.3	14.4	0.2
03	61.9	37.9	49.9	4.2	4.5	4.2	61.7	43.7	23.6	6.4	0.9	0.3	219.8	263.8	336.7	474.5	0.0	0.1	27.3	0.3	7.5	0.0
04	70.5	47.4	58.9	3.2	3.5	3.2	180.7	142.2	93.3	36.3	8.4	3.3	62.2	83.7	124.7	217.8	0.0	0.1	29.4	0.0	1.5	0.0
05	77.9	57.8	67.8	2.7	3.0	2.6	402.3	344.1	261.6	143.0	58.2	35.7	3.9	7.8	18.3	54.7	0.0	1.2	31.0	0.0	0.0	0.0
06	86.0	66.9	76.5	2.8	2.4	2.5	643.4	583.4	493.5	344.9	203.9	152.3	0.0	0.1	0.2	1.5	0.1	8.8	30.0	0.0	0.0	0.0
07	91.0	71.3	81.1	3.2	2.3	2.6	810.6	748.6	655.6	500.6	346.0	285.2	0.0	0.0	0.0	0.0	2.3	20.6	31.0	0.0	0.0	0.0
08	90.7	69.7	80.2	3.7	2.3	2.9	781.0	719.0	626.0	471.2	318.5	259.7	0.0	0.0	0.0	0.2	3.4	20.3	31.0	0.0	0.0	0.0
09	83.3	61.6	72.5	3.3	3.2	3.0	524.6	465.7	379.1	243.3	130.2	94.2	1.1	2.2	5.6	19.8	0.6	7.2	30.0	0.0	0.0	0.0
10	72.9	50.4	61.6	3.2	2.5	2.6	246.9	201.4	140.7	63.8	19.7	10.5	40.8	57.3	89.6	167.7	0.0	0.0	30.5	0.0	0.8	0.0
11	60.8	38.5	49.7	4.6	4.4	4.3	56.5	39.9	20.9	5.3	0.7	0.2	217.0	260.3	331.3	465.7	0.0	0.0	26.2	0.2	6.6	0.0
12	50.8	30.2	40.5	3.9	3.4	3.4	9.7	5.9	2.5	0.3	0.0	0.0	459.0	517.3	606.9	759.8	0.0	0.0	18.6	1.4	17.0	0.0
Summary	70.6	49.0	59.8	3.6	3.2	3.2	3735	3304	2701	1816	1087	841	1953	2253	2745	3685	6.4	58.3	319.5	5.8	68.8	0.2

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	2.27	5.7	3.9	1.6	0.6	0.89	1.89	2.88	
02	2.29	6.3	4.4	1.6	0.5	0.94	2.06	2.55	
03	3.71	8.2	6.2	2.6	1.1	2.14	3.15	4.80	
04	4.64	8.6	6.7	3.4	1.6	2.88	3.32	6.49	
05	6.33	9.9	8.0	4.3	2.2	3.55	5.83	8.23	
06	5.05	8.5	6.4	3.4	1.5	2.62	4.21	6.52	
07	3.75	7.0	5.3	2.5	1.3	2.74	3.92	5.08	
08	3.80	6.1	4.7	2.0	1.3	2.35	3.48	4.81	
09	4.43	7.0	5.6	2.9	1.3	2.73	3.53	5.46	
10	4.14	8.1	5.7	2.5	1.1	1.89	3.69	5.11	
11	3.67	7.0	5.4	2.4	1.3	1.07	2.53	5.38	
12	2.53	6.1	4.4	2.1	0.9	1.50	2.11	3.70	
Summary	46.61	88.5	66.7	31.3	14.7	25.30	39.72	61.01	

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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	1.70	0.7	0.6	0.2	0.1	0.0	1.4	0.5	0.0	0.0	0.00	0.10	2.00
02	0.80	0.4	0.3	0.2	0.1	0.0	0.7	0.4	0.1	0.0	0.00	0.00	0.20
03	1.80	0.4	0.3	0.2	0.2	0.1	0.4	0.3	0.2	0.1	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	0.30	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
12	0.90	0.5	0.4	0.2	0.2	0.0	1.3	0.8	0.4	0.0	0.00	0.00	0.00
Summary	5.5	2.2	1.7	0.8	0.6	0.1	4.0	2.0	0.7	0.1	0.0	0.1	2.2

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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	86.6	138.9	335.6	571.1	863.4	1093.3	1275.5	1245.9	973.4	672.9	317.7	128.0
45	38.5	73.6	217.8	428.0	708.4	943.4	1120.6	1091.0	823.5	521.6	204.0	62.6
50	14.1	33.8	125.0	295.3	553.8	793.4	965.6	936.0	673.6	376.9	115.4	26.5
55	4.6	12.6	61.7	180.7	402.3	643.4	810.6	781.0	524.6	246.9	56.5	9.7
60	1.1	3.2	23.6	93.3	261.6	493.5	655.6	626.0	379.1	140.7	20.9	2.5
Growing Degree Units for Corn (Monthly)												
50/86	62.0	95.5	213.6	355.5	564.1	763.4	880.9	849.9	653.6	423.6	190.7	78.3
Growing Degree Units (Accumulated Monthly)												
40	87	226	561	1132	1996	3089	4364	5610	6584	7257	7574	7702
45	38	112	330	758	1466	2410	3530	4621	5445	5966	6170	6233
50	14	48	173	468	1022	1815	2781	3717	4391	4768	4883	4909
55	5	17	79	260	662	1305	2116	2897	3422	3668	3725	3735
60	1	4	28	121	383	876	1532	2158	2537	2678	2699	2701
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	62	158	371	727	1291	2054	2935	3785	4438	4862	5053	5131

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