

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 1140 ft. Lat: 41.7767° N Lon: 96.2328° W

Station: **TEKAMAH, NE US USC00258480**

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	32.6	10.4	21.5	5.6	5.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1038.2	1100.2	1193.3	1348.3	0.0	0.0	2.8	16.2	30.4	6.7
02	37.8	13.7	25.8	6.8	6.0	6.3	0.3	0.2	0.1	0.0	0.0	0.0	819.1	875.0	958.9	1098.8	0.0	0.0	5.0	11.0	26.5	3.7
03	51.1	24.7	37.9	5.7	4.2	4.7	12.1	7.8	3.7	0.6	0.1	0.0	542.3	600.0	688.9	840.8	0.0	0.0	15.2	3.8	23.2	0.8
04	64.2	35.3	49.7	4.2	3.5	3.6	58.1	41.0	23.7	7.2	1.4	0.5	215.6	258.6	331.2	464.8	0.0	0.4	25.0	0.2	8.9	0.0
05	74.9	48.4	61.6	3.9	2.9	3.2	244.0	198.6	139.8	67.1	24.6	14.4	37.9	54.6	88.7	171.0	0.0	1.6	30.5	0.0	0.7	0.0
06	84.8	59.1	72.0	2.7	2.0	2.2	509.0	449.8	363.1	226.5	112.9	77.9	0.7	1.5	4.8	18.2	0.1	5.9	30.0	0.0	0.0	0.0
07	88.4	62.8	75.6	3.3	2.4	2.7	638.5	576.5	483.6	331.3	188.1	137.9	0.0	0.0	0.1	2.7	0.7	9.9	31.0	0.0	0.0	0.0
08	86.4	60.1	73.2	2.4	2.5	2.2	565.6	503.8	411.6	263.1	134.2	93.3	0.0	0.1	1.0	7.4	0.2	7.3	31.0	0.0	0.0	0.0
09	80.1	50.7	65.4	3.5	3.4	3.1	325.9	274.3	204.2	108.2	45.1	29.2	14.1	22.5	42.3	96.4	0.1	3.3	29.9	0.0	0.2	0.0
10	67.0	38.1	52.6	3.9	3.0	3.2	89.1	65.7	39.1	13.7	3.7	2.0	165.1	203.8	270.1	399.7	0.0	0.4	27.6	0.2	7.2	0.0
11	50.4	25.4	37.9	6.4	4.2	5.1	6.9	4.0	1.3	0.1	0.0	0.0	519.9	576.9	664.2	813.0	0.0	0.0	14.1	3.8	21.2	0.3
12	37.0	15.6	26.3	4.8	5.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	889.5	951.5	1044.5	1199.5	0.0	0.0	4.2	12.5	29.8	2.8
Summary	62.9	37.0	50.0	4.4	3.7	3.9	2450	2122	1670	1018	510	355	4242	4645	5288	6461	1.1	28.8	246.3	47.7	148.1	14.3

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	0.75	4.1	2.3	0.3	0.0	0.31	0.77	1.12	
02	0.89	4.3	2.3	0.4	0.2	0.56	0.77	1.27	
03	1.76	6.0	4.3	1.0	0.1	0.85	1.55	2.12	
04	3.60	9.0	6.3	2.6	0.8	2.37	3.50	4.52	
05	4.52	10.5	7.2	3.1	1.0	3.29	4.79	5.56	
06	4.59	9.6	7.2	3.5	1.5	3.32	3.97	5.08	
07	3.02	8.1	5.9	2.2	0.7	1.70	2.52	3.82	
08	3.90	7.5	5.2	2.3	1.0	1.91	3.91	5.50	
09	3.56	6.9	5.1	2.1	1.1	2.07	3.33	4.90	
10	2.35	6.3	4.1	1.4	0.6	0.84	1.98	3.61	
11	1.45	4.5	3.2	1.1	0.3	0.63	1.34	1.93	
12	1.08	4.6	2.9	0.5	0.1	0.48	0.87	1.28	
Summary	31.47	81.4	56.0	20.5	7.4	18.33	29.30	40.71	

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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	5.70	3.1	2.2	0.8	0.2	0.0	15.9	11.3	5.9	1.5	2.50	5.00	7.50
02	6.60	2.8	2.0	0.8	0.4	0.0	12.8	9.4	5.5	2.0	4.00	7.00	8.60
03	3.80	1.5	1.2	0.6	0.2	0.0	5.4	2.5	1.5	0.2	0.00	3.10	7.40
04	1.40	0.5	0.4	0.2	0.2	0.0	0.5	0.4	0.4	0.0	0.00	0.00	0.10
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	0.40	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	1.70	1.2	0.8	0.2	0.1	0.0	1.2	0.1	0.0	0.0	0.00	0.60	2.00
12	5.10	2.8	2.2	0.9	0.2	0.0	10.5	6.4	3.8	0.9	1.80	5.00	8.10
Summary	24.7	12.2	9.0	3.6	1.3	0.0	46.5	30.2	17.1	4.6	8.3	20.7	33.7

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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	5.2	16.7	118.0	321.9	671.4	958.3	1103.5	1030.6	761.9	407.0	99.9	11.7
45	1.0	5.8	64.2	207.1	518.6	808.3	948.5	875.6	612.3	277.7	48.1	3.1
50	0.0	1.8	31.0	117.8	373.0	658.3	793.5	720.6	464.8	168.9	20.2	0.6
55	0.0	0.3	12.1	58.1	244.0	509.0	638.5	565.6	325.9	89.1	6.9	0.0
60	0.0	0.1	3.7	23.7	139.8	363.1	483.6	411.6	204.2	39.1	1.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	8.9	20.3	104.8	228.4	416.6	624.0	732.1	678.4	486.5	278.1	85.5	14.5
Growing Degree Units (Accumulated Monthly)												
40	5	22	140	462	1133	2092	3195	4226	4988	5394	5494	5506
45	1	7	71	278	797	1605	2554	3429	4041	4319	4367	4370
50	0	2	33	151	524	1182	1975	2696	3161	3330	3350	3350
55	0	0	12	70	314	824	1462	2028	2354	2443	2450	2450
60	0	0	4	28	167	530	1014	1426	1630	1669	1670	1670
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	29	134	362	779	1403	2135	2814	3300	3578	3664	3678

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