

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1460 ft. Lat: 40.6092° N Lon: 96.8719° W
Station: CRETE 4ESE, NE US USC00252020

Generated on 05/23/2024

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	34.4	13.6	24.0	5.6	4.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	960.8	1022.8	1115.8	1270.8	0.0	0.0	5.2	12.2	29.6	4.1
02	39.6	18.1	28.9	7.3	5.8	6.3	0.7	0.3	0.1	0.0	0.0	0.0	732.9	788.5	872.2	1012.1	0.0	0.0	8.4	8.8	24.4	2.4
03	51.7	27.8	39.7	6.0	4.4	4.8	13.9	9.2	4.4	1.0	0.0	0.0	486.7	544.0	632.2	783.8	0.0	0.0	18.9	2.0	19.7	0.6
04	63.0	39.1	51.1	4.0	3.2	3.4	68.2	48.7	27.7	8.9	1.6	0.6	186.7	227.2	296.2	427.4	0.0	0.3	26.3	0.2	6.2	0.0
05	72.9	50.3	61.6	3.8	2.7	3.0	239.1	194.2	135.7	64.0	23.0	13.5	34.5	51.6	86.1	169.4	0.0	1.8	30.6	0.0	0.4	0.0
06	82.5	60.7	71.6	2.9	2.6	2.6	498.5	439.4	352.3	216.5	106.7	73.7	0.7	1.5	4.5	18.6	0.1	7.4	30.0	0.0	0.0	0.0
07	86.5	64.9	75.7	2.9	2.5	2.5	641.6	579.6	486.6	334.5	191.9	141.8	0.0	0.0	0.0	2.9	1.1	12.0	31.0	0.0	0.0	0.0
08	84.6	62.8	73.7	3.0	2.2	2.4	579.6	517.7	425.2	275.0	143.8	101.2	0.0	0.1	0.6	5.4	0.7	9.9	31.0	0.0	0.0	0.0
09	78.4	54.1	66.2	3.4	3.3	3.1	350.9	297.9	224.5	122.7	53.1	34.5	13.5	20.5	37.2	85.4	0.1	4.4	29.8	0.0	0.1	0.0
10	66.0	41.2	53.6	3.7	3.1	3.1	105.5	79.0	47.3	16.1	3.8	1.9	148.9	184.4	245.7	369.6	0.0	0.6	28.8	0.2	5.3	0.0
11	50.9	28.2	39.6	6.1	4.5	5.1	11.3	7.1	3.1	0.4	0.0	0.0	474.8	530.6	616.6	763.9	0.0	0.0	17.5	2.6	18.8	0.1
12	37.9	17.8	27.8	4.9	4.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	841.5	903.5	996.4	1151.4	0.0	0.0	7.1	9.4	28.4	1.8
Summary	62.4	39.9	51.1	4.5	3.6	3.8	2509	2173	1707	1039	524	367	3881	4275	4903	6061	2.0	36.4	264.6	35.4	132.9	9.0

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	0.69	4.7	2.0	0.2	0.0	0.37	0.69	1.04
02	0.81	4.7	2.2	0.4	0.1	0.50	0.72	1.09
03	1.45	6.4	3.5	0.8	0.2	0.80	1.27	1.77
04	2.58	8.7	5.2	1.7	0.6	2.21	2.52	3.08
05	5.65	12.1	8.0	3.1	1.5	2.69	5.31	8.02
06	4.86	10.3	6.5	3.4	1.4	3.30	4.55	6.49
07	3.84	9.9	5.9	2.6	1.0	2.56	3.29	4.56
08	3.35	9.8	5.8	2.3	0.8	1.77	2.95	4.46
09	3.11	8.2	4.8	2.1	0.8	2.34	3.03	3.79
10	2.32	7.4	4.4	1.5	0.4	0.97	2.03	3.74
11	1.22	4.9	2.4	0.7	0.1	0.38	1.01	1.62
12	1.14	5.3	2.1	0.6	0.2	0.31	0.75	1.58
Summary	31.02	92.4	52.8	19.4	7.1	18.20	28.12	41.24

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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	6.30	3.5	1.8	0.7	0.2	0.0	12.4	7.5	4.2	0.5	2.90	4.70	9.80
02	6.60	3.4	2.0	0.9	0.3	0.0	9.2	6.9	3.2	0.4	1.70	8.10	9.70
03	3.20	1.5	0.8	0.4	0.2	0.0	2.9	1.5	0.8	0.2	0.00	0.90	4.30
04	1.30	0.4	0.3	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.30
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	1.00	0.3	0.2	0.1	0.1	0.0	0.5	0.2	0.2	0.1	0.00	0.00	0.90
11	2.00	1.1	0.7	0.3	0.1	0.0	2.2	0.9	0.3	0.1	0.00	0.80	2.00
12	4.90	2.6	1.7	0.6	0.2	0.0	8.0	5.1	3.0	0.5	1.50	3.50	6.10
Summary	25.3	12.8	7.5	3.1	1.1	0.0	35.6	22.3	11.8	1.8	6.1	18.0	33.1

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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	7.7	33.3	141.1	357.0	669.8	947.9	1106.6	1044.6	787.4	437.6	124.0	14.7
45	1.4	13.0	75.3	236.9	516.5	797.9	951.6	889.6	638.1	304.9	64.0	3.9
50	0.1	4.0	34.9	139.5	370.2	647.9	796.6	734.6	491.5	192.3	29.0	0.7
55	0.0	0.7	13.9	68.2	239.1	498.5	641.6	579.6	350.9	105.5	11.3	0.0
60	0.0	0.1	4.4	27.7	135.7	352.3	486.6	425.2	224.5	47.3	3.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	11.3	31.1	107.3	219.9	406.2	630.2	753.2	702.5	503.7	274.0	87.9	15.4

Growing Degree Units (Accumulated Monthly)												
40	8	41	182	539	1209	2157	3263	4308	5095	5533	5657	5672
45	1	14	90	327	843	1641	2593	3482	4120	4425	4489	4493
50	0	4	39	178	549	1197	1993	2728	3219	3412	3441	3441
55	0	1	15	83	322	820	1462	2042	2392	2498	2509	2509
60	0	0	4	32	168	520	1007	1432	1656	1704	1707	1707
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	11	42	150	370	776	1406	2159	2862	3365	3639	3727	3743

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