

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3748 ft. Lat: 42.8967° N Lon: 102.2030° W

Station: GORDON 6N, NE US USC00253355

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	34.2	12.9	23.6	4.6	3.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	974.9	1036.9	1129.9	1284.9	0.0	0.0	3.6	12.2	30.4	5.8
02	36.6	14.7	25.7	6.8	6.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	821.5	877.5	961.5	1101.6	0.0	0.0	5.4	10.5	26.5	4.4
03	47.3	22.7	35.0	6.2	4.1	5.0	2.9	1.3	0.3	0.0	0.0	0.0	623.1	683.5	775.5	930.1	0.0	0.0	14.8	5.2	26.3	1.3
04	56.1	31.0	43.6	3.8	2.9	3.2	17.4	10.3	3.6	0.5	0.0	0.0	360.8	413.7	497.0	643.9	0.0	0.0	21.0	1.9	16.6	0.0
05	66.4	41.3	53.9	4.6	2.5	3.3	103.6	75.6	43.5	12.4	2.3	0.9	139.3	173.3	234.2	358.1	0.0	0.5	28.0	0.1	4.9	0.0
06	78.2	51.7	65.0	4.0	2.5	3.1	312.6	260.4	188.5	90.6	30.5	18.1	14.2	22.0	40.1	92.2	0.2	3.9	29.8	0.0	0.0	0.0
07	86.1	57.9	72.0	3.7	2.8	3.1	527.1	465.8	375.0	232.4	113.6	77.1	0.4	1.0	3.3	15.6	1.4	11.9	31.0	0.0	0.0	0.0
08	84.8	56.2	70.5	2.9	2.4	2.4	483.3	423.5	335.6	198.3	88.9	57.0	3.0	5.2	10.3	28.0	0.6	10.7	31.0	0.0	0.0	0.0
09	75.4	46.7	61.1	3.4	2.7	2.9	232.9	190.3	133.4	60.9	19.1	9.9	51.6	69.1	102.1	179.5	0.1	3.8	28.9	0.0	1.2	0.0
10	59.7	33.8	46.7	5.2	3.6	4.2	40.9	27.1	12.9	2.3	0.1	0.0	296.5	344.7	423.6	568.0	0.0	0.1	23.8	1.3	12.9	0.1
11	46.1	22.3	34.2	6.3	3.9	5.0	2.6	1.1	0.2	0.0	0.0	0.0	626.6	685.1	774.2	924.0	0.0	0.0	12.7	5.3	25.5	0.9
12	35.1	14.2	24.7	4.9	4.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	940.5	1002.5	1095.5	1250.6	0.0	0.0	4.3	12.0	30.5	4.4
Summary	58.8	33.8	46.3	4.7	3.5	4.0	1723	1455	1093	597	254	163	4852	5314	6047	7376	2.3	30.9	234.3	48.5	174.8	16.9

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	0.52	4.0	1.3	0.2	0.0	0.28	0.47	0.64	
02	0.62	4.6	2.0	0.2	0.0	0.40	0.60	0.95	
03	1.18	6.0	3.5	0.7	0.1	0.64	1.15	1.71	
04	2.25	9.0	5.6	1.2	0.3	1.54	2.37	2.82	
05	3.24	10.0	7.0	2.1	0.5	2.10	2.94	4.51	
06	3.85	10.7	7.9	2.7	0.9	1.73	4.44	5.32	
07	2.54	7.7	6.0	1.7	0.6	1.14	2.48	3.61	
08	1.80	6.4	4.9	1.1	0.1	1.08	1.82	2.28	
09	1.68	5.4	4.0	1.0	0.3	0.87	1.23	2.46	
10	1.62	6.5	4.2	0.9	0.2	0.79	1.18	2.28	
11	0.70	4.2	2.2	0.2	0.0	0.39	0.66	0.91	
12	0.50	3.8	1.8	0.1	0.0	0.25	0.45	0.71	
Summary	20.50	78.3	50.4	12.1	3.0	11.21	19.79	28.20	

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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	6.50	3.5	3.1	0.6	0.3	0.0	18.4	11.7	6.7	1.0	4.00	6.00	7.70
02	7.30	3.6	3.2	0.8	0.3	0.0	13.8	8.5	4.3	1.0	3.70	6.90	9.50
03	8.10	3.2	3.1	0.9	0.3	0.1	9.5	5.1	2.9	0.8	3.00	6.00	11.90
04	7.00	2.6	2.6	0.9	0.4	0.0	4.5	2.3	1.3	0.3	3.00	5.00	10.40
05	1.70	0.3	0.3	0.2	0.1	0.1	0.6	0.3	0.2	0.1	0.00	0.00	0.20
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	0.10	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
10	2.70	1.1	1.1	0.3	0.1	0.0	1.8	0.9	0.3	0.0	0.00	0.00	4.00
11	5.80	2.6	2.3	0.5	0.3	0.0	7.6	3.8	1.7	0.0	3.00	5.50	8.30
12	6.60	3.5	3.1	0.7	0.3	0.0	16.1	8.7	5.3	0.5	2.10	6.20	10.30
Summary	45.8	20.6	18.9	4.9	2.1	0.2	72.4	41.3	22.7	3.7	18.8	35.6	62.3

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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	5.7	16.5	81.5	189.1	440.1	748.4	991.6	945.2	634.1	270.5	70.8	9.0
45	1.0	4.5	35.3	104.0	306.1	599.2	836.7	790.3	489.8	166.9	31.2	1.5
50	0.0	0.7	12.5	48.0	192.4	452.3	681.7	635.8	353.4	91.0	10.9	0.1
55	0.0	0.0	2.9	17.4	103.6	312.6	527.1	483.3	232.9	40.9	2.6	0.0
60	0.0	0.0	0.3	3.6	43.5	188.5	375.0	335.6	133.4	12.9	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.1	17.0	78.1	141.5	268.7	459.3	634.2	600.4	394.5	186.1	63.1	10.9

Growing Degree Units (Accumulated Monthly)												
40	6	22	104	293	733	1481	2473	3418	4052	4323	4394	4403
45	1	6	41	145	451	1050	1887	2677	3167	3334	3365	3367
50	0	1	13	61	254	706	1388	2023	2377	2468	2479	2479
55	0	0	3	20	124	436	964	1447	1680	1721	1723	1723
60	0	0	0	4	47	236	611	946	1080	1093	1093	1093
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	24	102	244	512	972	1606	2206	2601	2787	2850	2861

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