

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1035 ft. Lat: 45.9919° N Lon: 92.9928° W

Station: HINCKLEY, MN US USC00213793

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	19.4	-0.9	9.3	4.9	7.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1417.8	1480.1	1573.1	1728.1	0.0	0.0	0.1	27.4	30.9	16.8
02	25.3	3.3	14.3	5.8	6.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1139.4	1195.5	1279.5	1419.5	0.0	0.0	0.2	19.1	27.2	10.9
03	37.5	15.7	26.6	5.0	5.5	5.1	0.3	0.1	0.0	0.0	0.0	0.0	880.8	942.6	1035.5	1190.5	0.0	0.0	5.0	8.8	28.0	3.9
04	52.2	28.4	40.3	4.5	2.9	3.6	7.2	4.1	1.6	0.2	0.0	0.0	448.3	505.1	592.7	741.2	0.0	0.0	18.5	1.1	18.2	0.1
05	65.4	39.9	52.6	3.8	2.8	3.1	75.3	54.2	31.0	8.8	1.6	0.7	148.2	189.1	258.9	391.7	0.0	0.2	29.3	0.0	4.0	0.0
06	74.6	50.3	62.4	2.4	1.9	1.9	239.8	190.9	126.5	48.9	12.5	6.2	16.4	27.4	53.0	125.4	0.0	0.8	29.9	0.0	0.0	0.0
07	79.4	54.9	67.2	3.1	2.2	2.4	377.0	316.4	228.6	105.4	33.3	18.5	0.6	1.9	7.0	38.8	0.0	2.3	31.0	0.0	0.0	0.0
08	77.3	52.4	64.8	2.4	2.8	2.4	308.4	250.2	169.7	68.3	17.0	8.4	3.2	6.9	19.4	72.9	0.1	1.1	31.0	0.0	0.0	0.0
09	69.4	44.0	56.7	3.3	3.9	3.4	128.0	96.3	59.2	20.7	3.8	1.6	77.1	105.3	158.3	269.8	0.0	0.1	29.4	0.0	3.0	0.0
10	54.6	32.1	43.4	4.3	2.9	3.3	15.4	9.9	4.7	0.9	0.0	0.0	376.5	433.0	520.7	672.0	0.0	0.0	21.7	0.4	14.3	0.0
11	38.7	20.9	29.8	6.1	4.8	5.3	0.1	0.0	0.0	0.0	0.0	0.0	756.1	816.0	906.0	1056.0	0.0	0.0	5.3	9.4	26.7	1.0
12	25.6	8.5	17.1	5.5	6.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1176.4	1238.4	1331.4	1486.4	0.0	0.0	0.4	21.7	30.8	9.7
Summary	51.6	29.1	40.4	4.3	4.2	4.0	1152	922	621	253	68	35	6441	6941	7736	9192	0.1	4.5	201.8	87.9	183.1	42.4

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	0.95	7.9	3.0	0.3	0.1	0.48	0.76	1.19
02	0.90	6.6	2.3	0.5	0.1	0.37	0.69	1.32
03	1.64	7.1	3.5	1.0	0.0	1.11	1.53	2.17
04	2.77	9.6	6.0	1.9	0.5	1.89	2.50	3.24
05	3.81	12.1	7.2	2.5	0.6	2.35	3.47	4.95
06	4.64	12.8	8.6	3.3	1.1	3.69	4.41	5.43
07	4.07	10.6	6.9	2.8	1.1	2.75	4.05	5.49
08	4.26	9.9	6.6	3.0	1.3	2.53	3.84	5.85
09	3.61	9.6	5.2	2.0	1.0	1.82	3.50	4.70
10	3.45	10.5	5.9	2.1	0.8	2.00	2.96	4.54
11	1.61	7.2	3.9	1.2	0.4	0.72	1.35	1.75
12	1.30	8.0	3.6	0.4	0.0	0.65	1.23	1.74
Summary	33.01	111.9	62.7	21.0	7.0	20.36	30.29	42.37

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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	7.1	2.9	1.0	0.2	0.1					4.60	6.90	9.20
02	7.70	5.5	2.5	0.9	0.4	0.1					3.60	6.80	10.50
03	7.70	4.2	2.5	1.2	0.6	0.1					3.70	5.50	10.60
04	3.70	1.6	1.1	0.4	0.2	0.0					0.00	2.00	6.90
05	0.10	0.1	0.1	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					0.00	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	0.70	0.7	0.3	0.1	0.1	0.0					0.00	0.00	0.90
11	8.80	3.7	2.2	0.9	0.4	0.2					1.90	6.70	10.00
12	8.80	6.7	4.0	1.1	0.2	0.0					3.00	6.50	13.40
Summary	44.8	29.6	15.6	5.6	2.1	0.5	0.0	0.0	0.0	0.0	16.8	34.4	61.5

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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	0.0	1.1	14.2	117.6	398.6	673.4	841.5	770.2	501.7	170.1	22.5	1.5
45	0.0	0.2	5.3	56.9	263.5	523.7	686.5	615.2	358.3	87.0	7.7	0.3
50	0.0	0.0	1.6	23.4	153.0	376.7	531.4	460.4	230.6	40.3	1.4	0.0
55	0.0	0.0	0.3	7.2	75.3	239.8	377.0	308.4	128.0	15.4	0.1	0.0
60	0.0	0.0	0.0	1.6	31.0	126.5	228.6	169.7	59.2	4.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	12.5	93.2	251.0	411.7	538.8	482.6	311.3	111.0	16.3	0.9

Growing Degree Units (Accumulated Monthly)												
40	0	1	15	133	532	1205	2046	2817	3318	3488	3511	3512
45	0	0	6	62	326	850	1536	2151	2510	2597	2604	2605
50	0	0	2	25	178	555	1086	1546	1777	1817	1819	1819
55	0	0	0	8	83	323	700	1008	1136	1151	1152	1152
60	0	0	0	2	33	159	388	557	617	621	621	621
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	13	106	357	769	1308	1790	2102	2213	2229	2230

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