

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1151 ft. Lat: 44.3592° N Lon: 84.6739° W
Station: HOUGHTON LK ROSCOMMON AP, MI US USW00094814

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	26.9	11.4	19.1	4.0	6.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1111.2	1173.2	1266.2	1421.2	0.0	0.0	0.2	22.5	30.0	6.3
02	29.6	11.0	20.3	4.7	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	971.5	1027.5	1111.5	1251.5	0.0	0.0	0.8	17.9	27.2	6.2
03	40.4	19.1	29.7	5.2	5.0	4.9	3.0	2.0	0.9	0.3	0.0	0.0	785.7	846.7	938.7	1093.1	0.0	0.0	6.2	7.9	27.3	2.5
04	53.8	30.7	42.2	4.3	2.9	3.5	13.2	8.3	3.5	0.6	0.1	0.0	395.7	450.8	536.0	683.1	0.0	0.0	18.9	1.1	17.9	0.0
05	67.2	42.3	54.7	3.9	3.3	3.4	108.5	82.4	51.7	20.0	4.6	1.7	116.3	152.2	214.5	337.8	0.0	0.1	29.2	0.0	4.1	0.0
06	76.7	51.1	63.9	2.4	2.5	2.0	277.4	225.3	155.6	69.3	23.3	13.3	10.5	18.4	38.7	102.4	0.1	0.8	30.0	0.0	0.2	0.0
07	80.5	55.0	67.8	3.0	3.1	2.9	395.6	334.7	247.5	125.9	47.3	28.2	0.4	1.5	7.3	40.7	0.0	2.3	31.0	0.0	0.0	0.0
08	78.3	53.3	65.8	2.5	3.0	2.5	336.7	277.8	196.4	90.8	29.0	15.5	2.0	5.1	16.7	66.1	0.0	0.6	31.0	0.0	0.1	0.0
09	70.6	46.1	58.3	3.3	2.7	2.7	154.8	118.5	74.1	27.8	7.2	3.5	54.4	78.1	123.6	227.4	0.0	0.3	29.7	0.0	1.9	0.0
10	56.8	36.8	46.8	3.0	2.6	2.6	26.5	17.1	8.6	2.5	0.5	0.2	280.6	333.2	417.7	566.7	0.0	0.0	22.9	0.0	10.0	0.0
11	43.1	27.9	35.5	4.9	3.3	4.0	1.4	0.8	0.2	0.0	0.0	0.0	586.4	645.8	735.2	885.0	0.0	0.0	7.8	4.8	21.0	0.0
12	32.1	19.0	25.6	4.0	4.9	4.3	0.1	0.0	0.0	0.0	0.0	0.0	913.0	974.9	1067.9	1222.9	0.0	0.0	0.9	16.7	29.1	1.6
Summary	54.7	33.6	44.1	3.8	3.8	3.6	1317	1067	739	337	112	62	5228	5707	6474	7898	0.1	4.1	208.6	70.9	168.8	16.6

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	1.70	14.0	5.1	0.6	0.0	1.23	1.73	2.12	
02	1.41	11.4	4.1	0.5	0.1	0.88	1.41	1.85	
03	1.78	10.5	4.8	1.0	0.1	1.01	1.64	2.34	
04	3.10	12.0	6.9	2.3	0.5	2.14	2.98	3.48	
05	3.15	11.7	6.7	2.3	0.5	2.12	2.61	4.08	
06	3.22	10.9	6.1	2.2	0.7	1.93	2.78	3.86	
07	2.74	10.0	5.7	1.9	0.5	1.60	2.66	3.13	
08	2.86	9.5	6.1	1.9	0.6	2.05	2.45	3.43	
09	2.59	10.9	6.2	1.6	0.5	1.82	2.70	3.40	
10	3.08	13.5	6.6	1.8	0.5	1.80	2.88	3.98	
11	2.20	13.2	5.7	1.2	0.2	1.46	1.90	2.58	
12	1.76	13.5	4.7	0.8	0.1	1.11	1.70	2.23	
Summary	29.59	141.1	68.7	18.1	4.3	19.15	27.44	36.48	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	16.40	12.8	5.4	1.5	0.5	0.0	28.8	24.3	19.5	8.0	12.00	15.10	21.40
02	13.60	10.6	4.8	1.2	0.5	0.0	27.4	24.8	22.5	13.0	10.40	12.30	17.70
03	8.30	5.9	2.9	0.8	0.2	0.0	18.5	16.2	13.6	7.7	4.90	7.20	10.90
04	4.40	2.9	1.5	0.5	0.1	0.0	3.5	2.3	1.1	0.0	0.60	3.00	7.00
05	0.10	0.1	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	0.50	0.3	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.10
11	7.50	5.8	2.7	0.6	0.2	0.1	6.7	3.0	0.9	0.2	2.40	5.40	9.00
12	15.10	10.6	4.7	1.7	0.4	0.0	19.4	13.7	10.4	3.8	7.60	13.80	18.30
Summary	65.9	49.0	22.2	6.4	1.9	0.1	104.4	84.3	68.0	32.7	37.9	56.8	84.4

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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	0.8	2.1	30.5	144.4	459.6	716.9	860.2	799.7	550.8	236.1	51.2	5.1
45	0.1	0.5	14.0	73.0	317.7	566.9	705.1	644.6	403.9	133.8	19.8	1.4
50	0.0	0.1	6.6	33.8	197.1	418.3	550.1	489.7	267.6	65.2	6.0	0.2
55	0.0	0.0	3.0	13.2	108.5	277.4	395.6	336.7	154.8	26.5	1.4	0.1
60	0.0	0.0	0.9	3.5	51.7	155.6	247.5	196.4	74.1	8.6	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	1.2	24.3	105.6	286.6	452.9	559.9	515.6	340.3	132.2	26.5	2.2

Growing Degree Units (Accumulated Monthly)												
40	1	3	33	178	637	1354	2214	3014	3565	3801	3852	3857
45	0	1	15	88	405	972	1677	2322	2726	2860	2879	2881
50	0	0	7	40	238	656	1206	1696	1963	2029	2035	2035
55	0	0	3	16	125	402	798	1134	1289	1316	1317	1317
60	0	0	1	4	56	212	459	656	730	738	739	739
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	26	131	418	871	1431	1946	2287	2419	2445	2447

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