

Summary of Monthly Normals
1991-2020

Generated on 04/18/2024

Current Location: Elev: 1071 ft. Lat: 45.7858° N Lon: 88.0842° W
Station: **IRON MTN-KINGSFORD WWTP, MI US USC00204090**

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	24.0	4.4	14.2	4.5	7.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1264.5	1326.5	1419.6	1574.6	0.0	0.0	0.1	24.4	30.9	12.1
02	28.3	6.1	17.2	5.0	7.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1058.3	1114.3	1198.3	1338.3	0.0	0.0	0.8	18.5	27.7	9.8
03	39.2	16.9	28.0	4.8	5.1	4.8	1.4	0.9	0.4	0.1	0.0	0.0	836.9	898.4	990.9	1145.6	0.0	0.0	5.3	8.3	28.4	3.3
04	51.9	29.0	40.5	4.6	2.8	3.5	8.3	5.0	2.0	0.3	0.0	0.0	444.7	501.5	588.5	736.8	0.0	0.0	16.6	1.5	20.3	0.0
05	66.4	41.7	54.1	4.3	2.8	3.4	101.7	76.1	47.1	17.6	4.2	1.7	131.3	167.7	231.6	357.2	0.0	0.3	28.5	0.0	4.7	0.0
06	76.0	52.0	64.0	2.8	2.2	2.3	283.0	231.3	162.0	73.1	23.5	12.9	13.1	21.5	42.1	103.1	0.0	1.4	30.0	0.0	0.1	0.0
07	80.4	56.6	68.5	3.2	2.5	2.8	419.4	359.0	271.4	144.2	55.0	33.0	1.0	2.6	8.0	35.8	0.0	3.1	31.0	0.0	0.0	0.0
08	78.3	55.1	66.7	2.5	2.5	2.3	364.4	305.3	220.9	104.5	32.7	17.7	1.8	4.6	13.3	51.8	0.0	1.1	31.0	0.0	0.0	0.0
09	70.1	47.0	58.6	3.2	2.9	2.8	163.5	126.6	81.2	31.3	7.8	3.7	57.2	80.2	124.8	224.9	0.0	0.3	29.6	0.0	1.1	0.0
10	55.7	34.9	45.3	3.8	2.6	3.0	20.9	13.1	5.6	1.1	0.2	0.1	321.6	375.7	461.3	611.8	0.0	0.0	21.4	0.1	13.0	0.0
11	40.8	24.2	32.5	5.4	3.9	4.5	0.5	0.2	0.0	0.0	0.0	0.0	675.5	735.2	825.0	975.0	0.0	0.0	6.6	6.7	25.1	0.3
12	29.0	12.8	20.9	4.3	5.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1057.0	1119.0	1212.0	1367.0	0.0	0.0	0.5	19.5	30.2	6.0
Summary	53.3	31.7	42.5	4.0	3.9	3.8	1363	1117	791	372	123	69	5863	6347	7115	8522	0.0	6.2	201.4	79.0	181.5	31.5

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	1.36	10.1	4.4	0.4	0.0	0.71	1.19	1.59
02	1.15	6.9	3.6	0.5	0.0	0.55	1.13	1.48
03	1.68	7.7	4.6	1.0	0.1	0.78	1.49	2.16
04	2.79	10.1	6.6	2.0	0.4	1.78	2.69	3.48
05	3.48	12.0	7.4	2.1	0.9	2.30	3.17	4.61
06	3.71	11.5	7.5	2.5	1.0	2.67	3.53	4.41
07	3.41	11.6	7.0	2.4	0.6	2.15	2.75	3.67
08	3.38	10.6	7.0	2.3	0.6	2.68	3.44	4.48
09	3.60	11.3	6.6	2.1	0.9	2.50	3.26	4.39
10	3.27	11.7	6.6	2.3	0.6	2.14	2.87	4.26
11	1.90	8.9	4.5	1.2	0.2	1.24	1.82	2.35
12	1.76	9.6	4.9	0.8	0.1	1.21	1.53	2.21
Summary	31.49	122.0	70.7	19.6	5.4	20.71	28.87	39.09

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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	14.70	9.8	5.0	1.4	0.3	0.0	30.1	27.3	25.0	16.4	8.40	12.10	20.90
02	11.20	6.3	3.6	1.6	0.5	0.0	28.4	27.5	25.3	20.4	6.00	10.00	14.20
03	8.90	4.9	3.2	1.1	0.4	0.0	23.2	21.3	18.4	13.1	4.70	8.70	12.10
04	7.10	2.8	1.9	1.0	0.5	0.0	6.1	4.6	3.2	1.2	1.90	6.00	10.70
05	0.20	0.2	0.1	0.0	0.0	0.0	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	0.0	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	0.5	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.50
11	5.50	3.8	1.8	0.6	0.2	0.0	6.8	3.0	1.8	0.2	2.00	3.70	7.00
12	13.00	8.0	4.7	1.6	0.5	0.0	23.3	19.3	15.1	3.9	7.30	11.30	17.80
Summary	61.0	36.3	20.6	7.4	2.4	0.0	118.2	103.0	88.8	55.2	30.3	51.8	83.2

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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	0.1	1.2	22.7	119.4	440.6	719.8	883.3	827.5	556.9	206.5	31.7	1.6
45	0.0	0.1	8.9	57.7	302.6	570.0	728.3	672.5	410.8	113.7	11.1	0.3
50	0.0	0.0	3.3	24.6	187.4	422.2	573.5	517.7	276.5	53.9	2.9	0.0
55	0.0	0.0	1.4	8.3	101.7	283.0	419.4	364.4	163.5	20.9	0.5	0.0
60	0.0	0.0	0.4	2.0	47.1	162.0	271.4	220.9	81.2	5.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.6	20.9	91.1	271.1	445.1	570.4	526.2	333.8	121.9	20.9	1.0

Growing Degree Units (Accumulated Monthly)												
40	0	1	24	143	584	1304	2187	3015	3572	3778	3810	3811
45	0	0	9	67	369	939	1668	2340	2751	2865	2876	2876
50	0	0	3	28	215	638	1211	1729	2005	2059	2062	2062
55	0	0	1	10	111	394	814	1178	1342	1363	1363	1363
60	0	0	0	2	50	212	483	704	785	791	791	791
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	23	114	385	830	1400	1927	2260	2382	2403	2404

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