

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 773 ft. Lat: 44.5317° N Lon: 86.1311° W

Station: BEULAH 7SSW, MI US USC00200758

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	29.3	17.0	23.2	3.9	4.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	987.1	1049.1	1142.1	1297.2	0.0	0.0	0.5	19.4	29.5	1.5
02	31.4	17.3	24.3	4.4	5.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	858.0	914.0	998.0	1138.1	0.0	0.0	0.7	16.0	27.1	1.3
03	41.5	23.3	32.4	4.8	4.7	4.7	6.7	5.2	3.3	1.3	0.2	0.1	707.3	767.7	858.9	1011.9	0.0	0.0	6.8	6.0	25.3	0.8
04	53.6	33.3	43.5	4.3	2.8	3.4	17.0	10.7	4.3	0.5	0.0	0.0	363.5	417.1	500.8	647.0	0.0	0.0	19.1	0.8	15.3	0.0
05	66.4	44.3	55.3	3.7	2.8	3.1	115.2	86.0	52.1	19.4	5.0	2.2	104.5	137.3	196.3	318.7	0.0	0.3	28.9	0.0	2.0	0.0
06	75.6	53.6	64.6	2.4	2.5	2.2	296.0	242.9	169.9	77.1	26.1	14.6	8.1	15.0	32.0	89.2	0.0	0.6	30.0	0.0	0.0	0.0
07	79.5	58.8	69.2	2.9	2.9	2.8	438.6	377.4	288.3	155.6	59.5	34.8	0.1	0.9	4.8	27.0	0.0	1.7	31.0	0.0	0.0	0.0
08	78.1	57.9	68.0	2.5	3.2	2.7	403.2	342.3	254.1	124.1	38.5	20.8	0.4	1.4	6.2	31.2	0.0	0.5	31.0	0.0	0.0	0.0
09	71.4	51.6	61.5	3.1	2.7	2.7	221.1	176.1	118.8	51.1	14.8	7.4	26.3	41.3	74.0	156.2	0.0	0.5	30.0	0.0	0.0	0.0
10	58.1	41.3	49.7	3.0	2.5	2.6	49.2	34.8	19.3	6.1	1.7	0.9	213.5	261.1	338.5	480.4	0.0	0.0	23.9	0.0	3.2	0.0
11	44.7	31.7	38.2	4.9	2.8	3.8	3.3	1.8	0.6	0.2	0.0	0.0	507.3	565.8	654.7	804.2	0.0	0.0	9.8	2.9	16.3	0.0
12	34.0	22.9	28.4	3.7	3.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	822.9	884.9	977.9	1133.0	0.0	0.0	0.8	13.8	27.3	0.1
Summary	55.3	37.7	46.5	3.6	3.4	3.4	1550	1277	911	435	146	81	4599	5056	5784	7134	0.0	3.6	212.5	58.9	146.0	3.7

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	2.47	18.6	7.6	1.0	0.1	1.88	2.44	3.02	
02	1.75	14.1	6.2	0.7	0.0	1.26	1.60	2.22	
03	2.14	11.2	6.0	1.3	0.2	1.31	1.92	2.69	
04	3.47	12.3	7.6	2.4	0.6	2.74	3.36	4.08	
05	3.16	13.4	7.6	2.1	0.7	2.19	3.08	3.85	
06	3.26	10.9	6.5	2.8	0.5	2.28	3.16	3.73	
07	2.98	10.7	5.8	1.8	0.6	2.27	2.77	3.81	
08	3.43	10.0	5.4	1.7	0.8	2.02	3.09	4.25	
09	3.50	11.6	7.6	2.1	0.8	2.36	3.32	4.53	
10	4.55	16.3	9.6	2.7	1.1	2.78	4.19	6.54	
11	3.09	14.9	7.7	2.0	0.4	1.85	2.55	4.19	
12	2.36	16.9	8.3	1.1	0.3	1.52	2.35	2.75	
Summary	36.16	160.9	85.9	21.7	6.1	24.46	33.83	45.66	

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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	26.80	17.4	8.6	2.9	0.8	0.0	27.1	23.2	18.1	8.2	18.40	25.50	32.00
02	20.20	14.5	7.0	1.8	0.6	0.0	26.8	23.7	20.5	12.4	13.60	18.30	23.80
03	11.20	7.8	3.3	1.1	0.4	0.1	18.4	14.2	10.7	6.4	8.70	12.30	13.60
04	3.50	3.3	1.1	0.3	0.1	0.0	2.9	1.6	0.7	0.0	0.60	2.00	5.50
05	0.00	0.2	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	0.10	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	7.70	5.3	2.3	0.9	0.3	0.0	5.2	3.1	1.3	0.1	0.60	5.20	12.50
12	22.90	14.0	7.0	2.3	0.8	0.1	19.6	14.1	11.1	3.4	10.50	23.80	28.50
Summary	92.4	62.7	29.3	9.3	3.0	0.2	100.1	79.9	62.4	30.5	52.4	87.1	115.9

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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	1.4	4.0	46.1	170.2	477.8	737.9	903.5	867.9	644.9	308.5	76.6	7.7
45	0.0	0.7	22.8	92.6	334.4	588.0	748.3	712.8	495.2	187.2	31.7	1.5
50	0.0	0.0	11.9	44.7	210.8	439.2	593.3	557.8	350.5	101.1	11.0	0.2
55	0.0	0.0	6.7	17.0	115.2	296.0	438.6	403.2	221.1	49.2	3.3	0.0
60	0.0	0.0	3.3	4.3	52.1	169.9	288.3	254.1	118.8	19.3	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	1.4	27.3	102.2	275.9	454.3	590.3	559.8	380.3	151.1	32.4	1.9

Growing Degree Units (Accumulated Monthly)												
40	1	5	52	222	700	1437	2341	3209	3854	4162	4239	4247
45	0	1	24	116	450	1038	1787	2500	2995	3182	3214	3215
50	0	0	12	57	267	707	1300	1858	2208	2309	2320	2320
55	0	0	7	24	139	435	874	1277	1498	1547	1550	1550
60	0	0	3	8	60	230	518	772	891	910	911	911
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	29	131	407	861	1452	2011	2392	2543	2575	2577

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