

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1083 ft. Lat: 44.5897° N Lon: 85.0486° W

Station: KALKASKA 11SE, MI US USC00204258

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	23.9	9.8	16.8	4.1	5.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1182.3	1244.4	1337.4	1492.3	0.0	0.0	0.1	23.4	30.4	6.6
02	27.4	8.0	17.7	4.7	6.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1044.2	1100.2	1184.2	1324.2	0.0	0.0	0.5	19.7	27.7	8.0
03	37.4	16.0	26.7	4.9	5.5	5.0	3.8	2.7	1.5	0.4	0.0	0.0	881.0	941.9	1033.7	1187.6	0.0	0.0	5.4	10.2	28.4	4.2
04	51.1	28.3	39.7	4.7	3.0	3.7	11.4	6.9	2.7	0.4	0.0	0.0	470.4	525.9	611.7	759.4	0.0	0.0	15.8	2.0	22.0	0.3
05	65.3	39.8	52.6	4.2	3.1	3.5	86.5	63.4	37.0	12.7	2.2	0.6	162.5	201.5	268.0	398.8	0.0	0.1	28.1	0.0	7.6	0.0
06	74.0	49.2	61.6	2.6	2.1	2.1	222.7	175.2	113.8	45.3	13.3	6.7	24.9	37.4	65.9	147.5	0.0	0.5	29.9	0.0	0.6	0.0
07	76.6	52.5	64.6	3.6	2.8	3.1	302.3	247.0	172.3	73.7	20.3	9.6	6.3	13.0	31.3	87.7	0.0	1.4	31.0	0.0	0.0	0.0
08	75.7	52.1	63.9	2.6	3.0	2.6	282.4	226.8	152.2	60.3	15.7	7.8	6.8	13.1	31.5	94.7	0.0	0.8	31.0	0.0	0.1	0.0
09	68.2	43.4	55.8	3.3	2.7	2.8	113.4	83.6	48.9	14.3	2.9	1.5	89.5	119.7	174.9	290.4	0.0	0.2	29.8	0.0	2.6	0.0
10	54.6	34.3	44.4	3.3	2.5	2.7	18.7	11.7	5.0	1.0	0.1	0.0	345.7	400.7	487.0	638.1	0.0	0.0	20.3	0.1	14.1	0.0
11	41.0	25.3	33.2	4.8	3.0	3.8	0.5	0.3	0.1	0.0	0.0	0.0	656.0	715.8	805.6	955.5	0.0	0.0	7.7	6.2	24.5	0.0
12	30.2	17.6	23.9	4.1	4.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	964.1	1026.1	1119.1	1274.1	0.0	0.0	0.4	18.9	29.9	1.3
Summary	52.1	31.4	41.7	3.9	3.7	3.6	1042	818	534	208	54	26	5834	6340	7150	8650	0.0	3.0	200.0	80.5	187.9	20.4

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	2.26	18.5	7.3	0.8	0.1	1.48	2.23	2.88	
02	1.99	14.4	6.5	1.2	0.0	1.52	1.92	2.46	
03	2.14	11.2	6.0	1.4	0.2	1.31	1.90	2.98	
04	3.49	12.9	8.2	2.7	0.6	2.48	3.30	4.11	
05	3.65	12.8	7.5	2.6	0.6	3.18	3.55	4.36	
06	3.55	11.8	7.1	2.6	1.0	2.14	3.16	4.44	
07	3.27	10.5	5.7	1.9	0.6	2.26	3.16	3.99	
08	3.57	11.1	6.7	2.1	0.7	2.77	3.41	4.21	
09	3.54	12.6	8.2	2.3	0.5	2.71	3.35	4.64	
10	3.77	16.8	10.4	2.5	0.6	2.78	3.61	4.42	
11	3.03	14.1	7.1	1.7	0.3	2.09	2.74	3.79	
12	2.22	18.1	8.2	1.1	0.2	1.32	2.19	2.70	
Summary	36.48	164.8	88.9	22.9	5.4	26.04	34.52	44.98	

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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	28.50	16.5	8.7	3.5	1.1	0.1	30.4	27.6	25.6	13.9	23.30	30.90	38.70
02	25.30	13.3	7.5	2.7	1.2	0.2	28.2	27.7	27.0	21.5	17.50	26.90	29.90
03	15.40	7.4	4.1	1.7	0.8	0.1	24.6	22.4	20.9	17.4	10.40	14.50	21.40
04	9.50	4.6	2.7	1.1	0.6	0.0	8.9	6.7	5.1	1.1	1.60	4.90	12.20
05	0.50	0.7	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	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	0.00	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	2.60	1.4	1.0	0.3	0.1	0.0	0.5	0.2	0.2	0.0	0.00	1.20	2.00
11	14.00	7.7	4.4	1.5	0.8	0.1	9.1	4.7	2.3	0.1	6.20	11.90	19.10
12	30.50	14.8	8.1	3.4	1.4	0.2	23.3	18.5	15.7	7.6	22.20	30.10	37.00
Summary	126.3	66.4	36.8	14.2	6.0	0.7	125.2	107.8	96.8	61.6	81.2	120.4	160.5

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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	0.1	1.2	24.2	114.4	401.0	647.9	761.0	740.5	475.2	183.3	34.8	2.8
45	0.0	0.1	12.7	58.6	271.7	499.0	605.9	585.4	333.2	99.5	11.8	0.5
50	0.0	0.0	7.2	27.9	165.5	354.7	451.6	431.3	208.8	47.9	2.8	0.0
55	0.0	0.0	3.8	11.4	86.5	222.7	302.3	282.4	113.4	18.7	0.5	0.0
60	0.0	0.0	1.5	2.7	37.0	113.8	172.3	152.2	48.9	5.0	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.0	19.0	88.3	255.8	398.3	476.1	460.9	290.1	107.9	22.6	0.9

Growing Degree Units (Accumulated Monthly)												
40	0	1	26	140	541	1189	1950	2690	3166	3349	3384	3386
45	0	0	13	71	343	842	1448	2033	2367	2466	2478	2478
50	0	0	7	35	201	555	1007	1438	1647	1695	1698	1698
55	0	0	4	15	102	324	627	909	1022	1041	1042	1042
60	0	0	2	4	41	155	327	480	528	533	534	534
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	20	108	364	762	1238	1699	1990	2097	2120	2121

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