

Summary of Monthly Normals
1991-2020

Generated on 05/02/2024

Current Location: Elev: 1035 ft. Lat: 44.7281° N Lon: 85.1728° W

Station: KALKASKA, MI US USC00204257

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	25.5	10.6	18.0	4.2	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1145.3	1207.3	1300.3	1455.3	0.0	0.0	0.2	23.6	30.3	6.6
02	28.0	9.5	18.8	4.8	6.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1014.9	1070.9	1154.9	1294.9	0.0	0.0	0.7	19.2	27.4	7.0
03	38.3	16.4	27.4	5.3	5.8	5.4	3.1	2.3	1.3	0.4	0.0	0.0	860.2	921.4	1013.4	1167.5	0.0	0.0	5.2	10.1	28.2	4.0
04	51.3	29.1	40.2	4.5	3.1	3.7	12.5	8.1	3.9	1.1	0.2	0.1	456.5	512.1	597.9	745.1	0.0	0.0	16.1	1.7	20.5	0.2
05	65.1	41.2	53.2	4.3	3.2	3.6	98.6	74.8	47.3	19.5	4.9	2.1	156.0	194.1	259.7	386.9	0.0	0.0	27.9	0.0	6.4	0.0
06	74.8	51.3	63.1	2.9	2.4	2.4	263.1	214.0	148.7	68.1	23.4	13.2	21.7	32.6	57.4	126.7	0.0	1.0	29.8	0.0	0.4	0.0
07	78.8	55.0	66.9	3.2	2.7	2.9	371.5	312.5	229.4	115.4	42.0	23.9	2.7	5.7	15.6	56.6	0.0	1.8	31.0	0.0	0.0	0.0
08	77.0	53.6	65.3	2.6	2.8	2.5	322.9	265.5	185.9	82.7	25.4	13.9	3.6	8.3	21.7	73.5	0.0	0.8	31.0	0.0	0.0	0.0
09	69.6	46.4	58.0	3.3	2.7	2.8	153.9	119.1	76.0	28.2	7.0	3.4	63.9	89.1	136.1	238.3	0.0	0.2	29.6	0.0	1.7	0.0
10	55.9	36.5	46.2	3.3	2.4	2.7	27.8	18.5	9.2	2.5	0.6	0.3	300.6	353.3	436.9	585.3	0.0	0.0	21.2	0.1	11.5	0.0
11	42.0	27.3	34.6	5.1	3.1	4.0	1.3	0.6	0.2	0.0	0.0	0.0	611.8	671.1	760.7	910.5	0.0	0.0	7.4	6.3	23.0	0.1
12	31.1	18.4	24.7	4.2	4.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	937.7	999.7	1092.7	1247.7	0.0	0.0	0.9	18.0	29.6	1.8
Summary	53.1	32.9	43.0	4.0	3.8	3.7	1255	1015	702	318	104	57	5575	6066	6847	8288	0.0	3.8	201.0	79.0	179.0	19.7

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	2.00	17.0	6.4	0.5	0.1	1.50	1.94	2.50
02	1.50	12.2	5.0	0.5	0.0	1.12	1.48	2.04
03	1.71	10.4	5.4	0.8	0.1	1.12	1.48	2.24
04	2.91	11.3	6.8	1.8	0.4	2.36	2.79	3.41
05	3.28	11.7	7.2	2.0	0.6	2.25	3.35	4.30
06	3.28	9.8	6.5	2.4	0.7	2.25	3.13	4.38
07	3.09	9.9	6.2	2.0	0.7	2.23	2.91	3.53
08	2.98	9.8	6.3	2.1	0.5	1.77	2.98	4.06
09	3.68	11.0	7.7	2.5	0.7	3.03	3.38	4.46
10	4.15	14.7	9.7	2.6	0.7	2.94	3.93	5.09
11	2.93	14.9	8.5	1.4	0.2	1.88	2.72	3.89
12	2.16	15.7	7.0	0.8	0.1	1.60	1.99	2.80
Summary	33.67	148.4	82.7	19.4	4.8	24.05	32.08	42.70

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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	38.30	14.3	12.2	5.0	2.3	0.3	29.8	28.1	25.3	14.4	31.10	38.00	47.90
02	24.80	10.7	9.5	3.3	1.4	0.2	27.7	26.7	24.5	17.1	20.50	24.40	31.90
03	13.70	6.2	4.9	2.2	0.7	0.1	23.3	20.1	17.0	9.2	9.00	15.70	17.70
04	6.80	2.8	2.2	0.9	0.5	0.0	4.1	1.8	0.9	0.1	2.10	5.20	8.10
05	0.70	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.10
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	1.00	0.7	0.6	0.2	0.1	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.50
11	17.10	6.4	5.3	2.5	1.2	0.2	10.4	6.9	4.1	1.4	6.50	11.20	24.10
12	29.70	12.2	10.4	4.3	2.1	0.2	24.2	19.4	15.4	6.6	15.90	32.20	36.60
Summary	132.1	53.6	45.3	18.5	8.3	1.0	120.4	103.4	87.3	48.8	85.1	126.7	166.9

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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	0.3	1.9	26.7	122.1	415.9	691.4	833.8	784.2	540.4	225.2	47.9	4.2
45	0.0	0.3	12.5	64.1	285.5	542.3	678.7	629.1	395.0	129.5	19.0	1.0
50	0.0	0.1	6.2	31.1	178.8	397.6	524.1	474.4	262.6	65.3	5.7	0.1
55	0.0	0.0	3.1	12.5	98.6	263.1	371.5	322.9	153.9	27.8	1.3	0.0
60	0.0	0.0	1.3	3.9	47.3	148.7	229.4	185.9	76.0	9.2	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	1.3	20.7	88.2	257.8	428.9	532.7	494.9	324.9	125.9	25.5	1.8

Growing Degree Units (Accumulated Monthly)												
40	0	2	29	151	567	1258	2092	2876	3417	3642	3690	3694
45	0	0	13	77	362	905	1583	2212	2608	2737	2756	2757
50	0	0	6	37	216	614	1138	1612	1875	1940	1946	1946
55	0	0	3	16	114	377	749	1072	1226	1253	1255	1255
60	0	0	1	5	52	201	431	616	692	702	702	702
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	22	110	368	797	1330	1825	2150	2276	2301	2303

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