

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1037 ft. Lat: 45.5853° N Lon: 69.7186° W

Station: MOOSEHEAD, ME US USC00175460

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	23.4	2.6	13.0	4.4	5.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1301.5	1363.6	1456.6	1611.7	0.0	0.0	0.2	23.4	30.7	14.1
02	26.5	2.0	14.3	4.1	4.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1140.5	1196.6	1280.6	1420.7	0.0	0.0	0.6	19.6	27.9	14.7
03	35.6	12.2	23.9	3.4	4.9	4.0	0.3	0.1	0.0	0.0	0.0	0.0	964.3	1026.1	1119.0	1274.0	0.0	0.0	1.8	11.8	30.3	6.8
04	48.1	26.4	37.2	2.6	3.2	2.6	1.0	0.4	0.0	0.0	0.0	0.0	533.5	592.9	682.5	832.5	0.0	0.0	12.1	1.5	24.1	0.2
05	62.7	38.9	50.8	4.1	1.6	2.6	43.4	29.2	14.2	4.3	1.1	0.4	173.9	221.6	299.6	444.6	0.0	0.2	27.4	0.0	5.5	0.0
06	71.6	48.4	60.0	2.0	2.3	1.7	172.9	129.4	77.4	27.7	7.2	3.9	23.0	39.5	77.4	177.7	0.0	0.3	29.7	0.0	0.0	0.0
07	76.5	54.2	65.3	1.9	2.0	1.8	321.1	260.8	175.6	67.3	14.7	6.4	0.6	2.3	10.1	56.6	0.0	0.7	31.0	0.0	0.0	0.0
08	75.5	51.2	63.3	1.9	2.4	1.9	260.8	202.8	123.4	34.9	3.7	0.9	2.2	6.1	19.7	86.2	0.0	0.0	31.0	0.0	0.0	0.0
09	67.8	44.2	56.0	2.6	2.8	2.4	110.3	80.7	47.0	14.4	1.5	0.5	80.6	110.9	167.2	284.5	0.0	0.0	29.9	0.0	2.6	0.0
10	53.8	33.8	43.8	3.8	2.2	2.7	7.6	4.5	1.8	0.3	0.0	0.0	354.7	413.6	503.9	657.4	0.0	0.0	23.5	0.1	11.7	0.0
11	40.7	24.1	32.4	3.1	2.7	2.7	0.1	0.0	0.0	0.0	0.0	0.0	678.2	738.2	828.1	978.1	0.0	0.0	5.3	6.0	25.1	0.2
12	29.3	11.9	20.6	3.3	5.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	1066.2	1128.2	1221.2	1376.3	0.0	0.0	0.8	17.7	29.6	5.6
Summary	51.0	29.2	40.1	3.1	3.3	2.9	918	708	439	149	28	12	6319	6840	7666	9200	0.0	1.2	193.3	80.1	187.5	41.6

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	2.69	12.1	6.2	1.7	0.3	1.97	2.61	3.30
02	2.27	10.8	5.5	1.3	0.2	1.89	2.28	2.59
03	2.76	11.3	6.6	1.7	0.4	2.08	2.86	3.39
04	3.28	12.0	7.6	2.3	0.4	2.10	3.19	4.17
05	3.43	14.1	8.2	2.3	0.3	2.49	3.27	4.20
06	4.39	13.8	9.4	3.0	0.7	2.83	4.13	5.53
07	4.03	14.6	9.0	2.6	0.7	3.00	3.69	5.11
08	3.85	12.9	7.8	2.3	0.8	2.43	3.65	4.94
09	3.42	10.7	6.5	2.2	0.6	2.53	3.34	4.24
10	4.45	13.3	8.2	3.2	1.1	2.98	4.03	6.35
11	3.42	12.5	7.3	2.1	0.5	2.28	3.13	4.21
12	3.50	13.9	7.6	2.4	0.6	2.24	3.15	4.38
Summary	41.49	152.0	89.9	27.1	6.6	28.82	39.33	52.41

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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	20.20	11.3	5.5	2.2	1.1	0.2	30.4	30.0	27.6	18.6	12.20	20.90	24.10
02	21.60	10.2	5.6	2.3	1.1	0.3	28.5	28.5	28.0	24.1	15.60	21.00	26.20
03	18.40	8.7	4.6	1.7	1.0	0.4	30.8	30.1	29.1	26.4	10.60	17.20	26.50
04	7.50	3.8	1.9	0.8	0.4	0.0	20.0	16.9	15.5	11.5	1.90	5.60	9.90
05	0.30	0.2	0.1	0.0	0.0	0.0	0.4	0.1	0.1	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	1.20	0.7	0.2	0.1	0.1	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.60
11	6.50	4.9	2.0	0.7	0.2	0.0	6.6	3.0	1.6	0.7	2.60	4.30	7.80
12	22.60	10.8	5.4	2.4	1.4	0.3	25.6	19.8	15.2	6.9	11.40	16.30	31.30
Summary	98.3	50.6	25.3	10.2	5.3	1.2	143.0	128.7	117.2	88.2	54.3	85.3	126.4

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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	0.0	0.1	9.4	59.1	339.7	600.1	785.5	723.7	480.2	164.3	28.1	1.4
45	0.0	0.0	4.4	21.1	204.6	451.3	630.5	568.7	335.1	76.8	9.1	0.1
50	0.0	0.0	1.9	5.1	103.6	305.0	475.5	413.7	208.9	27.0	1.8	0.0
55	0.0	0.0	0.3	1.0	43.4	172.9	321.1	260.8	110.3	7.6	0.1	0.0
60	0.0	0.0	0.0	0.0	14.2	77.4	175.6	123.4	47.0	1.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.6	7.7	46.9	206.6	352.6	485.6	440.5	287.8	91.2	16.6	0.7

Growing Degree Units (Accumulated Monthly)												
40	0	0	10	69	408	1008	1794	2518	2998	3162	3190	3192
45	0	0	4	26	230	681	1312	1881	2216	2293	2302	2302
50	0	0	2	7	111	416	891	1305	1514	1541	1542	1542
55	0	0	0	1	45	218	539	800	910	917	918	918
60	0	0	0	0	14	92	267	391	438	439	439	439
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	8	55	262	614	1100	1541	1828	1920	1936	1937

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