

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 378 ft. Lat: 43.8925° N Lon: 70.2544° W

Station: GRAY, ME US USC00173295

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	29.8	14.2	22.0	3.8	4.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1022.9	1084.9	1177.9	1332.9	0.0	0.0	1.0	18.6	30.0	4.2
02	33.1	16.4	24.7	3.9	4.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	846.9	902.9	987.0	1126.9	0.0	0.0	1.1	12.6	26.6	1.9
03	41.3	24.6	32.9	3.6	3.6	3.5	1.8	1.3	0.7	0.3	0.0	0.0	685.3	746.8	839.3	993.8	0.0	0.0	5.8	5.3	25.7	0.4
04	52.9	34.0	43.5	2.5	2.1	2.2	9.7	6.2	2.8	0.5	0.1	0.0	356.2	412.7	499.4	647.1	0.0	0.0	19.6	0.3	10.7	0.0
05	64.3	44.0	54.2	3.3	2.2	2.5	76.4	53.7	29.7	9.1	2.4	1.3	102.8	142.0	211.1	345.5	0.0	0.4	29.0	0.0	0.2	0.0
06	73.4	53.8	63.6	2.6	1.7	1.8	267.8	215.8	146.5	61.2	17.9	9.8	9.8	17.8	38.5	103.2	0.0	0.9	29.8	0.0	0.0	0.0
07	79.0	60.1	69.5	2.6	2.3	2.3	451.0	389.1	297.3	156.2	56.5	32.5	0.1	0.2	1.3	15.2	0.0	1.6	31.0	0.0	0.0	0.0
08	78.2	58.9	68.6	2.1	1.7	1.8	420.0	358.3	267.1	130.6	41.7	23.0	0.1	0.4	2.1	20.6	0.0	1.4	31.0	0.0	0.0	0.0
09	70.4	51.5	60.9	2.4	2.2	2.2	200.5	155.8	99.2	36.5	9.3	4.8	22.1	37.4	70.7	158.1	0.0	0.4	30.0	0.0	0.0	0.0
10	57.7	40.8	49.2	2.9	2.6	2.6	29.5	18.4	8.3	1.6	0.1	0.0	207.7	258.7	341.5	489.8	0.0	0.0	26.1	0.0	4.1	0.0
11	46.1	31.4	38.8	3.4	2.7	2.9	2.3	1.0	0.1	0.0	0.0	0.0	489.8	548.5	637.7	787.6	0.0	0.0	10.2	2.3	18.2	0.0
12	35.2	21.1	28.2	3.6	3.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	832.3	894.3	987.3	1142.3	0.0	0.0	2.3	12.7	28.5	0.7
Summary	55.1	37.6	46.3	3.1	2.9	2.8	1459	1200	852	396	128	71	4576	5047	5794	7163	0.0	4.7	216.9	51.8	144.0	7.2

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	3.55	10.9	6.6	2.2	0.9	2.80	3.55	4.54	
02	3.34	10.1	6.8	2.3	0.5	2.53	3.19	3.80	
03	4.01	11.4	6.6	2.8	1.0	2.59	4.08	4.84	
04	4.40	11.7	7.2	2.8	1.3	2.57	4.88	5.42	
05	3.56	13.6	8.1	2.7	0.7	2.13	3.79	4.71	
06	4.73	13.1	7.7	3.1	1.2	2.89	4.04	5.88	
07	3.73	12.3	7.0	2.6	1.0	2.42	3.37	4.43	
08	3.84	11.1	6.3	2.3	0.9	2.38	3.31	4.22	
09	4.32	9.8	5.9	2.7	1.0	2.50	3.88	5.24	
10	5.42	11.8	7.0	3.5	1.9	3.49	4.77	6.81	
11	4.65	11.3	7.2	3.1	1.4	3.08	4.51	5.68	
12	4.59	12.7	8.0	3.1	1.3	3.66	4.51	6.20	
Summary	50.14	139.8	84.4	33.2	13.1	33.04	47.88	61.77	

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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	20.60	8.7	5.0	2.5	1.2	0.3	28.5	25.0	21.0	9.7	14.30	21.50	25.40
02	20.40	7.9	5.0	2.3	1.5	0.2	26.7	24.3	22.1	14.9	9.60	15.60	30.20
03	16.20	6.3	3.4	1.8	1.2	0.3	21.2	19.2	17.5	12.9	7.80	13.70	22.90
04	4.70	2.2	1.0	0.4	0.3	0.1	4.5	3.3	2.7	1.1	0.60	2.50	5.20
05	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
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	0.60	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	3.80	2.3	1.0	0.4	0.3	0.0	2.8	1.7	1.1	0.0	0.20	1.00	3.80
12	17.70	7.4	4.4	2.0	1.1	0.2	17.0	11.4	7.5	2.7	8.10	17.90	23.90
Summary	84.0	35.0	19.9	9.5	5.7	1.1	100.8	85.0	71.9	41.3	40.6	72.2	111.4

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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	3.2	3.1	30.2	150.4	439.3	708.0	915.9	884.9	628.4	296.0	83.2	10.8
45	0.7	0.2	11.9	70.5	291.3	558.1	760.9	730.0	479.0	170.9	34.6	2.5
50	0.3	0.0	4.7	27.5	164.7	409.5	605.9	574.9	333.0	80.5	10.8	0.5
55	0.0	0.0	1.8	9.7	76.4	267.8	451.0	420.0	200.5	29.5	2.3	0.0
60	0.0	0.0	0.7	2.8	29.7	146.5	297.3	267.1	99.2	8.3	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.7	1.3	17.8	84.1	233.5	418.4	599.9	571.1	359.6	137.8	34.0	4.5
Growing Degree Units (Accumulated Monthly)												
40	3	6	36	187	626	1334	2250	3135	3763	4059	4143	4153
45	1	1	13	83	375	933	1694	2424	2903	3074	3108	3111
50	0	0	5	32	197	607	1213	1788	2120	2201	2212	2212
55	0	0	2	12	88	356	807	1227	1427	1457	1459	1459
60	0	0	1	4	33	180	477	744	843	852	852	852
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	3	21	105	338	757	1357	1928	2287	2425	2459	2464

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