

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1530 ft. Lat: 44.9675° N Lon: 70.6422° W

Station: RANGELEY, ME US USC00177037

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	23.0	0.4	11.7	4.3	5.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1342.1	1404.1	1497.1	1652.1	0.0	0.0	0.5	24.7	30.9	16.4
02	26.6	-0.3	13.2	4.5	5.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1171.7	1227.7	1311.7	1451.7	0.0	0.0	0.4	20.0	27.9	15.5
03	35.7	9.4	22.6	3.7	5.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1005.9	1067.9	1160.9	1315.9	0.0	0.0	3.3	11.6	30.5	8.8
04	48.2	24.5	36.4	3.0	2.7	2.6	1.4	0.8	0.2	0.0	0.0	0.0	560.9	620.3	709.7	859.5	0.0	0.0	12.1	1.7	25.7	0.4
05	62.5	37.0	49.7	4.2	2.5	3.0	39.1	25.7	12.7	3.0	0.4	0.1	201.9	250.5	330.5	475.8	0.0	0.0	26.7	0.0	10.2	0.0
06	71.6	47.5	59.6	2.3	1.9	1.8	165.6	123.9	74.4	24.4	5.1	2.2	29.2	47.5	88.0	188.0	0.0	0.2	29.6	0.0	0.2	0.0
07	76.4	52.7	64.6	2.4	2.2	2.1	297.8	238.7	157.4	58.2	13.0	5.7	1.8	4.8	16.4	72.2	0.0	0.3	31.0	0.0	0.0	0.0
08	75.2	50.8	63.0	2.0	1.7	1.6	252.8	196.6	122.4	38.2	6.1	2.2	4.8	10.7	29.4	100.3	0.0	0.1	31.0	0.0	0.0	0.0
09	67.9	43.7	55.8	2.7	2.7	2.4	103.4	73.9	40.9	11.9	1.9	0.5	79.5	110.0	167.0	287.9	0.0	0.1	29.7	0.0	2.5	0.0
10	53.7	33.2	43.4	3.3	2.7	2.7	9.1	5.1	1.9	0.2	0.0	0.0	367.2	425.1	514.9	668.2	0.0	0.0	20.0	0.2	16.0	0.0
11	40.4	23.3	31.8	3.5	2.9	3.0	0.3	0.2	0.0	0.0	0.0	0.0	694.9	754.7	844.6	994.5	0.0	0.0	5.9	6.4	25.6	0.3
12	29.0	10.7	19.9	3.7	5.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1089.6	1151.6	1244.6	1399.6	0.0	0.0	0.6	19.3	30.4	7.0
Summary	50.9	27.7	39.3	3.3	3.5	3.2	870	665	410	136	26	11	6550	7075	7915	9466	0.0	0.7	190.8	83.9	199.9	48.4

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	2.82	15.2	6.3	1.7	0.4	2.03	2.63	3.59	
02	2.40	12.3	6.0	1.3	0.4	1.79	2.35	2.99	
03	2.99	13.1	6.6	1.8	0.5	2.04	2.96	3.49	
04	3.27	12.6	7.4	1.9	0.6	2.39	2.98	3.80	
05	3.65	14.3	8.0	2.2	0.4	2.09	3.77	4.90	
06	4.36	15.1	9.5	2.8	0.9	3.00	3.81	5.66	
07	4.04	14.5	8.5	2.7	0.7	2.86	3.94	4.99	
08	4.07	13.1	7.7	2.7	0.8	2.42	3.89	5.19	
09	3.45	11.2	6.8	2.2	0.6	2.38	3.25	4.51	
10	4.61	14.3	8.0	3.1	1.1	3.02	4.21	5.76	
11	3.36	14.2	7.2	2.3	0.5	2.26	3.28	3.92	
12	3.62	16.6	8.0	2.1	0.6	2.21	3.34	4.66	
Summary	42.64	166.5	90.0	26.8	7.5	28.49	40.41	53.46	

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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	24.30	14.7	7.0	2.8	1.3	0.2	30.9	29.8	27.4	23.1	16.20	24.10	32.00
02	25.70	12.3	6.3	2.9	1.5	0.3	28.5	28.4	28.2	25.9	16.80	27.10	32.70
03	24.40	11.0	5.9	2.6	1.3	0.4	30.3	29.5	28.5	25.1	13.00	22.00	36.20
04	8.60	4.8	2.4	0.8	0.4	0.1	14.9	11.4	9.6	6.3	2.90	6.30	10.80
05	0.50	0.3	0.2	0.0	0.0	0.0	0.2	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	2.30	1.3	0.8	0.2	0.1	0.0	1.6	0.6	0.3	0.1	0.00	0.60	3.00
11	8.80	7.1	3.2	0.9	0.3	0.0	10.1	5.2	2.5	0.7	5.00	6.50	11.20
12	28.70	14.1	7.3	2.5	1.2	0.4	27.1	22.2	18.6	9.4	15.30	25.40	38.10
Summary	123.3	65.6	33.1	12.7	6.1	1.4	143.6	127.1	115.1	90.6	69.2	112.0	164.0

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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	0.6	0.3	6.1	55.0	312.5	586.5	761.0	712.9	475.0	161.0	27.0	1.2
45	0.1	0.1	1.6	21.1	186.7	437.5	606.0	557.9	330.9	78.7	9.1	0.3
50	0.0	0.0	0.3	6.1	94.2	292.4	451.0	403.3	203.1	30.6	2.0	0.0
55	0.0	0.0	0.0	1.4	39.1	165.6	297.8	252.8	103.4	9.1	0.3	0.0
60	0.0	0.0	0.0	0.2	12.7	74.4	157.4	122.4	40.9	1.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.5	0.8	8.5	54.2	205.9	348.8	467.1	432.8	283.7	97.0	18.1	1.0

Growing Degree Units (Accumulated Monthly)												
40	1	1	7	62	374	961	1722	2435	2910	3071	3098	3099
45	0	0	2	23	210	647	1253	1811	2142	2221	2230	2230
50	0	0	0	6	101	393	844	1247	1450	1481	1483	1483
55	0	0	0	1	40	206	504	757	860	869	870	870
60	0	0	0	0	13	87	245	367	408	410	410	410
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	10	64	270	619	1086	1519	1802	1899	1917	1918

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