

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 380 ft. Lat: 44.8592° N Lon: 73.0911° W

Station: ST ALBANS RADIO, VT US USC00437032

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	25.1	8.2	16.7	5.9	6.5	6.1	0.4	0.3	0.1	0.0	0.0	0.0	1188.8	1250.7	1343.6	1498.5	0.0	0.0	1.5	21.2	29.2	9.7
02	28.5	10.4	19.4	5.5	6.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	995.4	1051.4	1135.4	1275.4	0.0	0.0	1.0	17.4	26.4	6.1
03	36.8	20.0	28.4	4.2	4.9	4.5	0.7	0.5	0.1	0.0	0.0	0.0	825.2	886.9	979.6	1134.5	0.0	0.0	5.0	10.2	26.6	1.6
04	52.0	33.4	42.7	3.1	2.6	2.7	14.2	9.2	4.1	0.8	0.2	0.1	383.2	438.2	523.1	669.8	0.0	0.0	19.4	0.5	12.5	0.0
05	65.7	46.2	56.0	3.2	2.7	2.8	115.5	85.4	51.6	19.0	4.6	2.1	86.2	118.1	177.3	299.7	0.0	0.1	30.1	0.0	0.7	0.0
06	74.4	55.8	65.1	2.3	1.7	1.9	310.7	256.5	182.7	86.9	31.1	18.8	7.8	13.6	29.7	83.9	0.0	1.2	29.9	0.0	0.0	0.0
07	79.4	60.9	70.1	3.5	2.1	2.7	469.5	407.6	316.0	173.9	71.7	45.2	0.0	0.1	1.5	14.4	0.0	0.8	31.0	0.0	0.0	0.0
08	77.2	58.9	68.0	2.5	2.2	2.2	405.0	344.3	256.7	129.5	44.3	24.2	0.6	1.9	7.2	35.0	0.0	0.5	31.0	0.0	0.0	0.0
09	69.4	51.0	60.2	2.4	2.8	2.5	190.7	148.2	94.9	36.6	10.9	5.7	34.8	52.4	89.0	180.7	0.0	0.1	29.6	0.0	0.5	0.0
10	56.1	39.7	47.9	3.3	2.8	2.8	34.9	23.1	11.7	2.4	0.3	0.0	254.9	305.1	386.7	532.4	0.0	0.0	22.5	0.1	7.1	0.0
11	44.0	29.5	36.8	3.9	3.5	3.6	1.9	0.9	0.2	0.0	0.0	0.0	549.4	608.4	697.8	847.5	0.0	0.0	8.9	3.6	17.2	0.0
12	32.3	17.8	25.0	4.5	4.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	928.4	990.4	1083.4	1238.4	0.0	0.0	2.3	14.1	27.4	3.8
Summary	53.4	36.0	44.7	3.7	3.6	3.5	1544	1276	918	449	163	96	5255	5717	6454	7810	0.0	2.7	212.2	67.1	147.6	21.2

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	2.12	13.1	6.2	1.2	0.2	1.44	2.02	2.54	
02	1.85	10.0	5.6	1.0	0.2	1.47	1.79	2.17	
03	2.63	10.7	7.1	1.7	0.4	1.94	2.45	3.00	
04	3.23	11.3	7.7	1.8	0.3	2.32	3.05	4.09	
05	3.24	11.2	6.5	1.9	0.5	1.86	2.95	4.18	
06	4.11	12.3	8.0	2.5	0.7	2.46	3.70	5.56	
07	4.10	12.4	8.6	2.8	0.8	3.05	3.90	5.10	
08	3.74	10.9	7.3	2.2	0.7	2.96	3.50	4.56	
09	3.93	10.1	6.9	2.2	1.0	2.95	3.40	4.82	
10	3.86	11.0	7.8	2.4	0.8	2.76	3.53	4.81	
11	2.86	11.2	7.1	2.0	0.6	1.98	2.87	3.68	
12	2.62	13.1	7.3	1.1	0.2	1.90	2.58	3.19	
Summary	38.29	137.3	86.1	22.8	6.4	27.09	35.74	47.70	

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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	16.90	9.9	6.0	1.6	1.0	0.2	23.1	17.3	15.0	6.9	11.70	15.10	21.10
02	18.30	8.5	5.2	2.2	0.7	0.3	21.8	17.1	14.6	5.7	11.00	20.20	26.90
03	16.20	6.4	4.4	1.7	0.7	0.3	16.5	12.3	9.8	6.8	8.70	17.00	22.90
04	6.20	2.4	1.6	0.8	0.4	0.2	2.5	1.7	1.4	0.7	0.00	5.00	11.40
05	0.10	0.1	0.1	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	1.20	0.7	0.4	0.3	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.30	2.00
11	5.00	3.3	1.9	0.5	0.2	0.1	4.4	2.2	1.3	0.2	1.00	3.00	7.00
12	16.00	8.8	5.8	2.0	0.6	0.1	16.9	11.6	8.5	2.6	9.90	12.00	22.40
Summary	79.9	40.1	25.4	9.1	3.6	1.2	85.5	62.3	50.6	22.9	42.3	72.6	113.7

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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	5.9	3.0	18.9	154.0	495.6	752.9	934.5	869.4	606.4	269.6	69.2	10.8
45	2.0	0.6	5.8	80.2	347.7	603.0	779.4	714.4	458.4	161.2	30.3	2.9
50	0.9	0.0	1.9	36.1	216.8	454.4	624.5	559.5	315.9	82.7	10.1	0.8
55	0.4	0.0	0.7	14.2	115.5	310.7	469.5	405.0	190.7	34.9	1.9	0.0
60	0.1	0.0	0.1	4.1	51.6	182.7	316.0	256.7	94.9	11.7	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.8	1.0	10.8	83.6	271.8	461.6	617.7	561.4	350.1	128.6	29.6	4.1
Growing Degree Units (Accumulated Monthly)												
40	6	9	28	182	677	1430	2365	3234	3841	4110	4179	4190
45	2	3	8	89	436	1039	1819	2533	2992	3153	3183	3186
50	1	1	3	39	256	710	1335	1894	2210	2293	2303	2304
55	0	0	1	15	131	442	911	1316	1507	1542	1544	1544
60	0	0	0	4	56	239	555	811	906	918	918	918
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	4	15	98	370	832	1449	2011	2361	2489	2519	2523

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