

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1440 ft. Lat: 44.0108° N Lon: 72.4833° W

Station: CHELSEA 2 NW, VT US USC00431363

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	24.8	7.2	16.0	4.5	5.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1208.5	1270.6	1363.7	1518.8	0.0	0.0	0.5	23.5	30.4	9.7
02	28.0	8.6	18.3	4.5	5.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1027.4	1083.5	1167.5	1307.6	0.0	0.0	0.5	19.3	27.9	7.1
03	36.3	17.2	26.8	4.0	4.5	4.2	1.7	1.1	0.3	0.0	0.0	0.0	877.3	938.7	1031.0	1185.7	0.0	0.0	3.7	11.6	28.8	2.9
04	49.8	29.8	39.8	3.1	2.2	2.5	7.8	5.1	2.4	0.6	0.0	0.0	463.8	521.1	608.4	756.5	0.0	0.0	14.4	1.4	19.0	0.0
05	63.3	41.5	52.4	3.6	2.3	2.7	64.4	44.2	23.0	4.7	0.2	0.0	145.2	186.9	258.7	395.4	0.0	0.0	28.2	0.0	3.5	0.0
06	71.8	50.7	61.3	2.1	1.8	1.8	205.3	158.1	99.7	35.1	8.6	4.3	18.0	30.7	62.3	147.7	0.0	0.2	29.9	0.0	0.1	0.0
07	76.2	55.2	65.7	2.2	2.2	2.0	332.0	271.6	185.8	74.4	18.2	8.9	0.5	2.2	9.3	52.8	0.0	0.1	31.0	0.0	0.0	0.0
08	75.3	53.3	64.3	1.9	1.5	1.5	290.3	232.1	153.1	56.9	11.2	4.8	2.2	6.0	19.9	78.6	0.0	0.2	31.0	0.0	0.0	0.0
09	67.8	46.0	56.9	2.6	2.3	2.3	118.7	85.7	48.5	14.9	3.1	1.6	62.0	88.9	141.6	258.0	0.0	0.1	29.8	0.0	0.8	0.0
10	54.5	35.3	44.9	3.1	2.9	2.7	12.5	6.8	2.1	0.1	0.0	0.0	325.4	381.8	470.1	623.1	0.0	0.0	20.7	0.2	13.0	0.0
11	41.8	25.7	33.8	3.5	2.9	3.0	0.4	0.1	0.0	0.0	0.0	0.0	638.0	697.7	787.6	937.6	0.0	0.0	8.2	4.4	22.9	0.1
12	30.8	14.7	22.7	4.1	4.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	999.6	1061.6	1154.7	1309.7	0.0	0.0	1.1	18.0	29.6	3.6
Summary	51.7	32.1	41.9	3.3	3.1	3.0	1033	805	515	187	41	20	5768	6270	7075	8572	0.0	0.6	199.0	78.4	176.0	23.4

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	2.55	12.3	5.4	1.1	0.1	1.83	2.59	3.32	
02	2.21	10.2	5.3	1.5	0.4	1.67	2.06	2.68	
03	2.78	11.1	6.4	1.4	0.7	1.93	2.69	3.48	
04	3.24	11.9	7.7	2.3	0.6	2.35	2.93	4.35	
05	3.65	15.1	8.9	2.4	0.8	2.09	3.72	4.82	
06	4.68	15.0	9.0	3.8	1.2	2.68	4.10	5.89	
07	4.59	13.2	9.5	3.9	1.3	2.97	3.70	5.90	
08	4.25	11.4	7.7	2.7	1.3	2.91	3.79	5.30	
09	3.66	10.0	6.6	2.4	0.9	2.70	3.39	4.39	
10	4.42	14.3	8.5	3.2	1.0	3.07	4.15	5.38	
11	3.10	12.1	6.8	1.9	0.4	2.36	3.12	3.82	
12	3.31	14.5	7.7	2.6	0.5	2.52	3.11	4.10	
Summary	42.44	151.1	89.5	29.2	9.2	29.08	39.35	53.43	

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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	17.10	10.4	6.1	1.8	0.7	0.1					12.30	15.50	20.70
02	21.50	9.2	5.8	2.5	1.5	0.4					14.30	22.30	25.80
03	17.10	7.4	5.4	2.1	0.9	0.3					9.90	16.40	20.60
04	5.10	2.8	2.0	0.7	0.2	0.0					0.20	2.00	7.00
05	0.30	0.4	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	1.10	0.7	0.6	0.0	0.0	0.0					0.00	0.50	1.80
11	4.00	3.9	1.7	0.6	0.1	0.0					1.30	4.10	5.40
12	22.60	10.7	6.5	2.6	1.2	0.4					13.30	22.10	26.70
Summary	88.8	45.5	28.3	10.3	4.6	1.2	0.0	0.0	0.0	0.0	51.3	82.9	108.0

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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	0.7	0.5	16.7	103.2	389.4	637.4	796.6	753.2	507.5	192.7	41.0	5.8
45	0.1	0.0	7.9	52.0	252.8	487.8	641.6	598.2	360.9	100.3	15.1	1.1
50	0.0	0.0	4.0	22.2	140.6	340.7	486.5	443.1	226.9	41.1	3.7	0.1
55	0.0	0.0	1.7	7.8	64.4	205.3	332.0	290.3	118.7	12.5	0.4	0.0
60	0.0	0.0	0.3	2.4	23.0	99.7	185.8	153.1	48.5	2.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	0.9	12.6	69.6	220.9	369.3	493.0	459.9	292.0	101.4	21.3	2.3

Growing Degree Units (Accumulated Monthly)												
40	1	1	18	121	510	1148	1944	2698	3205	3398	3439	3445
45	0	0	8	60	313	801	1442	2040	2401	2502	2517	2518
50	0	0	4	26	167	508	994	1437	1664	1705	1709	1709
55	0	0	2	10	74	279	611	902	1020	1033	1033	1033
60	0	0	0	3	26	125	311	464	513	515	515	515
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	14	84	305	674	1167	1627	1919	2020	2042	2044

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