

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3950 ft. Lat: 44.5247° N Lon: 72.8153° W
Station: MT MANSFIELD, VT US USC00435416

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	21.1	5.7	13.4	4.3	5.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1289.4	1351.4	1444.4	1599.5	0.0	0.0	0.1	27.4	30.7	12.7
02	22.7	7.3	15.0	4.8	5.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1119.9	1175.9	1259.9	1400.0	0.0	0.0	0.1	24.3	27.7	10.6
03	30.2	15.6	22.9	4.4	4.4	4.3	0.8	0.3	0.1	0.0	0.0	0.0	995.9	1057.4	1150.1	1305.1	0.0	0.0	0.7	21.7	29.6	5.1
04	42.6	27.5	35.0	3.3	2.8	2.9	3.7	2.0	0.6	0.0	0.0	0.0	602.2	660.5	749.0	898.5	0.0	0.0	6.1	9.0	24.3	0.2
05	57.0	40.8	48.9	4.3	4.0	4.1	48.2	33.2	17.0	3.9	0.5	0.3	237.4	284.4	361.2	503.0	0.0	0.0	20.8	0.9	9.3	0.0
06	65.3	50.3	57.8	2.5	2.2	2.3	135.3	99.3	57.5	17.6	3.3	1.4	51.4	75.4	123.6	233.6	0.0	0.0	28.2	0.0	0.6	0.0
07	69.0	55.4	62.2	2.9	2.4	2.6	232.7	179.7	112.1	37.0	6.9	2.8	9.5	18.5	43.9	123.8	0.0	0.0	30.9	0.0	0.0	0.0
08	67.6	54.2	60.9	2.0	1.9	1.9	197.4	147.6	85.2	21.7	2.4	0.6	14.6	26.7	57.3	148.8	0.0	0.0	30.9	0.0	0.0	0.0
09	61.1	47.3	54.2	2.9	2.9	2.8	85.8	59.7	32.1	7.8	1.1	0.3	109.9	143.8	206.2	331.8	0.0	0.0	25.4	0.1	2.5	0.0
10	47.7	35.1	41.4	3.5	3.4	3.4	9.5	5.3	1.8	0.1	0.0	0.0	431.1	488.9	578.4	731.7	0.0	0.0	11.0	5.1	16.4	0.0
11	36.2	23.4	29.8	4.0	4.0	3.9	0.5	0.2	0.0	0.0	0.0	0.0	756.5	816.2	906.0	1056.0	0.0	0.0	2.2	15.1	26.1	0.6
12	26.6	12.9	19.8	3.8	4.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1092.7	1154.7	1247.7	1402.7	0.0	0.0	0.2	24.5	30.5	6.5
Summary	45.6	31.3	38.4	3.6	3.6	3.5	714	527	306	88	14	5	6710	7254	8128	9735	0.0	0.0	156.6	128.1	197.7	35.7

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	5.62	21.6	15.3	3.1	0.6	4.21	5.63	6.66	
02	5.26	18.2	13.1	3.5	0.9	3.92	4.67	6.48	
03	5.88	17.2	13.1	4.1	0.9	4.85	5.65	6.85	
04	6.31	15.4	11.8	4.4	1.4	4.67	5.46	7.06	
05	6.88	15.4	11.5	4.4	2.0	4.53	6.07	9.27	
06	7.86	16.2	11.8	5.7	2.7	4.96	6.92	9.39	
07	7.31	16.3	12.0	5.3	2.2	5.60	6.92	8.32	
08	6.89	15.2	10.5	4.9	1.6	5.03	6.38	8.16	
09	7.26	14.4	10.0	4.4	2.3	5.49	6.87	8.31	
10	7.63	15.0	12.0	5.1	1.8	4.87	6.34	9.95	
11	6.68	17.3	12.8	4.2	1.4	5.39	6.97	8.19	
12	7.51	21.5	15.3	4.4	1.0	5.52	7.39	8.68	
Summary	81.09	203.7	149.2	53.5	18.8	59.04	75.27	97.32	

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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	40.90	18.2	13.8	4.4	1.8	0.2	31.0	31.0	31.0	30.9	30.60	41.50	51.40
02	44.60	16.1	12.3	6.1	3.2	0.6	28.5	28.5	28.5	28.5	35.60	42.60	54.70
03	38.70	13.0	10.4	4.5	2.2	0.5	31.0	31.0	31.0	31.0	28.60	34.80	51.30
04	21.40	6.4	5.2	2.8	1.4	0.4	30.0	30.0	30.0	30.0	13.50	16.50	24.00
05	5.50	1.8	1.3	0.7	0.5	0.1	23.7	22.8	21.9	19.5	0.00	2.00	8.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.7	0.4	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	0.10	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	10.10	3.8	2.9	1.0	0.6	0.3	6.1	3.9	2.7	1.4	2.20	5.70	14.80
11	30.40	10.4	7.6	3.8	2.0	0.4	23.6	19.3	15.2	8.3	23.20	29.60	37.30
12	43.20	17.0	12.6	5.3	2.3	0.4	30.4	29.0	27.9	24.9	34.10	41.30	51.70
Summary	234.9	86.9	66.2	28.6	14.0	2.9	205.1	196.3	188.9	174.9	167.8	214.0	293.2

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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	1.5	1.2	10.6	65.0	305.6	534.7	688.1	647.8	431.0	146.8	28.7	1.6
45	0.4	0.1	4.5	30.9	190.7	387.8	533.1	493.0	293.6	74.6	9.7	0.2
50	0.0	0.0	2.1	12.0	104.5	249.6	379.1	339.9	175.0	31.3	2.6	0.0
55	0.0	0.0	0.8	3.7	48.2	135.3	232.7	197.4	85.8	9.5	0.5	0.0
60	0.0	0.0	0.1	0.6	17.0	57.5	112.1	85.2	32.1	1.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.3	3.7	30.1	147.8	276.7	387.6	352.4	206.6	54.6	8.5	0.3

Growing Degree Units (Accumulated Monthly)												
40	2	3	13	78	384	919	1607	2254	2686	2832	2861	2863
45	0	0	5	36	227	614	1148	1640	1934	2009	2018	2019
50	0	0	2	14	119	368	747	1087	1262	1293	1296	1296
55	0	0	1	4	53	188	421	618	704	713	714	714
60	0	0	0	1	18	75	187	272	305	306	306	306
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	4	34	182	459	846	1199	1405	1460	1468	1469

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