

# Freeze / Frost Occurrence Data

All probabilities in whole percent. See notes for probability level description.

- Indicates the probability of occurrence of threshold temperature is less than indicated probability.

State And Station Name	Threshold (F)	Spring (Date)			Fall (Date)			Freeze Free Period (Days)			Probability Level (4)
		Probability Level (1)			Probability Level (2)			Probability Level (3)			
		90	50	10	10	50	90	10	50	90	
Vermont											
BALL MOUNTAIN LAKE	36 32 28	May15 May05 Apr23	Jun05 May23 May05	Jun26 Jun11 May18	Aug19 Sep02 Sep18	Sep06 Sep17 Oct01	Sep25 Oct01 Oct13	127 140 166	93 116 148	59 92 130	59 52 43
BURLINGTON INTL AP	36 32 28	May03 Apr26 Apr16	May18 May08 Apr25	Jun02 May20 May04	Sep12 Sep23 Sep30	Sep25 Oct03 Oct16	Oct08 Oct13 Nov01	147 164 192	129 147 174	111 131 155	49 41 33
CAVENDISH	36 32 28	May24 May11 Apr25	Jun06 May27 May07	Jun19 Jun12 May19	Aug23 Sep07 Sep22	Sep07 Sep19 Oct03	Sep22 Oct01 Oct14	113 136 165	93 114 148	73 93 132	57 50 41
CHELSEA	36 32 28	May29 May16 May02	Jun17 Jun02 May15	Jul06 Jun18 May28	Aug15 Aug29 Sep20	Sep02 Sep12 Sep30	Sep20 Sep26 Oct10	107 125 152	76 102 137	46 79 122	62 54 45
CORNWALL	36 32 28	May07 Apr22 Apr09	May26 May09 Apr25	Jun13 May26 May11	Sep05 Sep14 Sep25	Sep20 Sep30 Oct10	Oct05 Oct17 Oct25	141 169 190	117 144 167	92 119 144	50 43 35
ENOSBURG FALLS	36 32 28	May21 May07 Apr28	Jun07 May21 May10	Jun24 Jun04 May22	Aug27 Sep12 Sep24	Sep09 Sep22 Oct05	Sep22 Oct03 Oct15	116 142 162	94 124 147	71 106 132	53 46 37
ESSEX JUNCTION 1 N	36 32 28	May14 May03 Apr22	May31 May18 May05	Jun17 Jun02 May18	Sep01 Sep11 Sep23	Sep13 Sep25 Oct07	Sep26 Oct10 Oct21	128 149 172	105 130 154	81 111 136	54 47 38
MONTPELIER AP	36 32 28	May08 Apr26 Apr14	May28 May11 Apr29	Jun17 May26 May14	Aug30 Sep13 Sep27	Sep16 Oct01 Oct14	Oct02 Oct20 Oct31	139 169 192	110 143 167	81 116 142	54 46 38
MORRISVILLE 4 SSW	36 32 28	May18 May04 Apr24	Jun06 May20 May09	Jun24 Jun05 May24	Aug24 Sep09 Sep20	Sep06 Sep23 Oct02	Sep19 Oct06 Oct14	115 143 167	91 125 145	68 106 123	58 50 42
MOUNT MANSFIELD	36 32 28	Jun02 May20 May06	Jun23 Jun09 May24	Jul14 Jun28 Jun11	Aug19 Aug29 Sep13	Sep04 Sep12 Sep27	Sep20 Sep27 Oct11	100 121 153	72 95 125	44 69 97	61 56 50
NEWPORT	36 32 28	May14 May05 Apr21	May30 May16 May04	Jun15 May28 May17	Sep02 Sep16 Sep27	Sep14 Sep28 Oct07	Sep26 Oct11 Oct17	127 148 171	106 134 155	86 120 140	54 47 38
ROCHESTER	36 32 28	May23 May08 Apr25	Jun06 May21 May06	Jun20 Jun03 May16	Aug29 Sep17 Sep21	Sep12 Sep27 Oct06	Sep26 Oct07 Oct21	119 144 167	97 129 152	76 113 137	58 50 41
RUTLAND	36 32 28	May10 May01 Apr19	May26 May13 May02	Jun11 May26 May15	Sep02 Sep14 Sep26	Sep15 Sep28 Oct10	Sep29 Oct12 Oct23	132 153 180	112 137 160	92 121 140	51 43 34
SAINT JOHNSBURY	36 32 28	May19 May08 Apr27	Jun02 May19 May06	Jun17 May30 May14	Sep02 Sep17 Sep26	Sep14 Sep27 Oct07	Sep26 Oct08 Oct19	123 143 167	103 131 154	82 119 140	54 46 37

SALISBURY 2 N	36	May13	May29	Jun13	Sep09	Sep20	Sep30	133	113	92	53
	32	Apr25	May12	May28	Sep16	Oct06	Oct25	171	146	122	44
	28	Apr13	Apr30	May16	Sep27	Oct22	Nov16	211	175	139	37
SOUTH HERO	36	Apr30	May13	May26	Sep22	Oct03	Oct13	158	142	126	46
	32	Apr18	Apr28	May09	Sep27	Oct12	Oct27	183	166	149	39
	28	Apr09	Apr17	Apr26	Oct14	Oct29	Nov13	212	194	175	32
WOODSTOCK	36	May25	Jun07	Jun21	Aug20	Sep08	Sep26	115	92	68	58
	32	May11	May28	Jun14	Sep07	Sep20	Oct04	139	115	91	51
	28	Apr26	May09	May22	Sep22	Oct03	Oct13	163	146	128	42

Notes:

- (1) Probability of later date in spring (thru Jul 31) than indicated.
- (2) Probability of earlier date in fall (beginning Aug 1) than indicated.
- (3) Probability of longer than indicated freeze free period.
- (4) Probability of Freeze/Frost in the yearly period (percent of days with temperatures at or below the threshold temperature).