

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	
New Jersey											
ATLANTIC CITY AP	36 32 28	Apr24 Apr09 Mar24	May06 Apr24 Apr12	May18 May10 May01	Sep24 Oct04 Oct17	Oct07 Oct19 Oct30	Oct20 Nov03 Nov13	171 202 227	154 177 201	137 151 175	37 30 22
ATLANTIC CITY MARINA	36 32 28	Apr01 Mar13 Mar05	Apr12 Mar31 Mar21	Apr23 Apr18 Apr05	Oct15 Oct23 Oct29	Nov02 Nov11 Nov21	Nov20 Dec01 Dec14	228 255 274	203 225 245	179 195 216	26 19 12
BELLEPLAIN ST FOREST	36 32 28	Apr30 Apr19 Apr06	May13 May01 Apr19	May25 May12 May02	Sep22 Oct02 Oct14	Oct02 Oct15 Oct27	Oct12 Oct27 Nov09	158 184 212	141 166 191	125 149 169	38 31 22
CANOE BROOK	36 32 28	Apr29 Apr17 Mar29	May12 Apr30 Apr14	May25 May13 Apr29	Sep21 Oct01 Oct11	Oct03 Oct15 Oct26	Oct15 Oct29 Nov09	162 189 219	143 168 194	125 146 170	44 36 27
CAPE MAY 2 NW	36 32 28	Apr05 Mar25 Mar10	Apr20 Apr06 Mar24	May04 Apr19 Apr06	Oct11 Oct22 Nov10	Oct26 Nov06 Nov23	Nov10 Nov20 Dec06	209 232 258	189 212 243	169 193 228	29 21 14
CHARLOTTEBURG RESERVOIR	36 32 28	May07 Apr22 Apr07	May19 May05 Apr19	May30 May18 May01	Sep09 Sep19 Oct05	Sep23 Oct03 Oct19	Oct06 Oct18 Nov02	142 169 202	126 151 183	111 132 163	49 41 31
CRANFORD	36 32 28	May01 Apr14 Mar30	May14 Apr30 Apr15	May26 May17 May02	Sep21 Oct02 Oct14	Oct05 Oct16 Oct28	Oct19 Oct29 Nov10	163 192 219	144 168 195	124 143 170	41 32 23
ESSEX FELLS SERV BLDG	36 32 28	Apr25 Apr08 Mar28	May08 Apr23 Apr12	May22 May07 Apr28	Sep17 Sep29 Oct17	Oct02 Oct16 Oct31	Oct17 Nov02 Nov15	167 200 227	146 176 201	125 151 176	43 35 26
FLEMINGTON 5 NNW	36 32 28	Apr27 Apr15 Mar31	May12 Apr30 Apr15	May27 May15 Apr30	Sep19 Sep30 Oct11	Oct02 Oct13 Oct27	Oct15 Oct26 Nov12	162 185 219	142 165 194	123 145 169	44 37 28
FREEHOLD MARLBORO	36 32 28	Apr25 Apr12 Mar30	May05 Apr22 Apr14	May15 May03 Apr29	Sep23 Oct07 Oct19	Oct09 Oct22 Nov03	Oct26 Nov06 Nov18	175 200 220	156 182 203	138 164 185	39 31 22
GLASSBORO 2 NE	36 32 28	Apr10 Mar29 Mar14	Apr22 Apr11 Mar25	May04 Apr24 Apr05	Oct06 Oct14 Oct31	Oct19 Oct28 Nov14	Oct31 Nov11 Nov28	199 219 250	179 199 233	159 179 217	34 27 18
HIGH POINT PARK	36 32 28	Apr26 Apr15 Apr10	May15 May05 Apr23	Jun04 May25 May06	Sep15 Sep24 Oct05	Sep27 Oct11 Oct20	Oct09 Oct27 Nov03	157 178 203	134 158 179	111 138 155	49 42 34
HIGHTSTOWN 2 W	36 32 28	Apr29 Apr13 Mar30	May09 Apr24 Apr11	May20 May06 Apr23	Sep21 Oct02 Oct14	Oct05 Oct15 Oct29	Oct18 Oct28 Nov12	166 193 221	148 173 200	129 153 179	39 31 22
INDIAN MILLS 2 W	36 32 28	May01 Apr23 Apr08	May14 May05 Apr20	May27 May17 May02	Sep14 Sep27 Oct09	Sep26 Oct08 Oct23	Oct08 Oct19 Nov07	151 174 206	134 156 186	117 137 165	40 32 24

LAMBERTVILLE	36 32 28	Apr26 Apr14 Mar28	May08 Apr26 Apr12	May21 May08 Apr28	Sep24 Sep28 Oct10	Oct06 Oct14 Oct25	Oct18 Oct30 Nov09	166 193 216	150 170 195	133 148 174	41 33 24
LITTLE FALLS	36 32 28	Apr21 Apr07 Mar27	May03 Apr18 Apr06	May15 Apr29 Apr16	Sep26 Oct06 Oct21	Oct09 Oct20 Nov04	Oct22 Nov02 Nov18	177 202 228	159 184 212	140 167 196	40 32 23
LONG BRANCH OAKHURST	36 32 28	Apr14 Mar31 Mar15	Apr29 Apr16 Apr01	May14 May02 Apr18	Oct02 Oct12 Oct23	Oct18 Oct27 Nov08	Nov03 Nov10 Nov24	198 219 247	171 193 221	145 167 194	35 27 19
LONG VALLEY	36 32 28	Apr30 Apr20 Apr06	May17 May05 Apr19	Jun03 May20 May01	Sep14 Sep22 Oct05	Sep26 Oct07 Oct20	Oct08 Oct21 Nov05	153 172 210	131 154 184	109 136 158	48 40 31
MILLVILLE MUNICIPAL AP	36 32 28	Apr19 Apr09 Mar22	May02 Apr21 Apr04	May15 May04 Apr18	Sep30 Oct10 Oct21	Oct13 Oct25 Nov05	Oct25 Nov09 Nov19	181 208 235	163 186 213	144 163 192	35 28 20
MOORESTOWN	36 32 28	Apr21 Apr07 Mar24	May05 Apr23 Apr10	May20 May08 Apr27	Sep24 Oct06 Oct15	Oct08 Oct20 Oct31	Oct22 Nov03 Nov15	178 204 229	155 180 203	132 155 178	37 29 21
NEWARK INTL AP	36 32 28	Apr04 Mar23 Mar11	Apr14 Apr03 Mar24	Apr24 Apr15 Apr07	Oct13 Oct22 Nov11	Oct27 Nov07 Nov24	Nov10 Nov23 Dec06	212 240 263	195 217 244	179 194 225	31 22 16
NEW BRUNSWICK 3 SE	36 32 28	Apr22 Apr08 Mar23	May04 Apr20 Apr04	May16 May01 Apr17	Sep25 Oct07 Oct19	Oct08 Oct20 Nov03	Oct22 Nov01 Nov18	173 200 232	157 182 212	140 164 191	39 31 23
NEWTON ST PAULS ABBEY	36 32 28	May04 Apr25 Apr12	May18 May06 Apr24	Jun02 May18 May06	Sep06 Sep20 Oct02	Sep19 Oct02 Oct15	Oct02 Oct14 Oct29	143 166 192	123 148 174	103 131 155	49 42 33
PEMBERTON	36 32 28	May01 Apr18 Mar31	May13 May03 Apr18	May24 May19 May05	Sep17 Sep28 Oct09	Sep29 Oct12 Oct25	Oct12 Oct25 Nov10	156 182 216	139 161 189	122 139 163	39 32 24
PLAINFIELD	36 32 28	Apr22 Apr06 Mar23	May04 Apr20 Apr05	May16 May04 Apr17	Sep23 Oct04 Oct15	Oct06 Oct20 Oct28	Oct20 Nov05 Nov11	170 207 228	154 182 206	139 158 184	38 30 21
SANDY HOOK	36 32 28	Apr09 Mar29 Mar16	Apr20 Apr12 Apr03	May02 Apr26 Apr21	Oct03 Oct07 Oct22	Oct23 Oct30 Nov19	Nov12 Nov23 Dec16	212 234 266	185 201 229	157 168 192	33 25 17
SEABROOK FARMS	36 32 28	Apr11 Mar31 Mar16	Apr24 Apr11 Mar30	May06 Apr23 Apr12	Sep28 Oct14 Oct27	Oct13 Oct28 Nov11	Oct29 Nov12 Nov26	194 220 250	172 199 226	150 178 201	35 27 19
SOMERVILLE 4 NW	36 32 28	Apr30 Apr14 Mar31	May11 Apr28 Apr12	May21 May12 Apr24	Sep22 Oct01 Oct19	Oct03 Oct15 Oct30	Oct14 Oct29 Nov10	160 189 220	145 169 200	129 149 181	44 36 27
SUSSEX 2 NE	36 32 28	May06 Apr27 Apr10	May21 May09 Apr23	Jun05 May21 May05	Sep11 Sep18 Oct01	Sep22 Oct03 Oct16	Oct03 Oct17 Oct31	141 162 197	123 146 176	105 129 155	50 42 34
TOMS RIVER	36 32 28	Apr25 Apr14 Apr02	May08 Apr25 Apr15	May21 May07 Apr27	Sep24 Oct05 Oct16	Oct06 Oct18 Oct31	Oct19 Oct30 Nov15	170 194 217	150 174 199	131 155 181	41 33 24
WANAQUE RAYMOND DAM	36 32 28	Apr23 Apr06 Mar29	May05 Apr21 Apr09	May16 May07 Apr20	Sep23 Oct05 Oct16	Oct07 Oct19 Oct30	Oct22 Nov02 Nov13	174 199 223	155 180 204	135 160 185	43 35 26
WOODSTOWN PITTS GROV 4E	36 32 28	Apr23 Apr09 Mar24	May05 Apr22 Apr05	May17 May04 Apr17	Sep27 Oct07 Oct18	Oct12 Oct22 Nov05	Oct26 Nov06 Nov23	177 205 239	159 183 213	141 160 188	36 28 20

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).