

# 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	
Maryland											
ABERDEEN PHILLIPS FIELD	36	Apr09	Apr23	May07	Oct01	Oct14	Oct27	195	174	152	32
	32	Mar29	Apr11	Apr23	Oct13	Oct28	Nov13	222	200	179	24
	28	Mar16	Mar30	Apr13	Oct22	Nov08	Nov25	246	222	198	16
ANNAPOLIS POLICE BRKS	36	Apr05	Apr19	May03	Oct07	Oct23	Nov08	211	186	161	31
	32	Mar27	Apr06	Apr17	Oct13	Oct31	Nov18	228	207	185	24
	28	Mar15	Mar29	Apr12	Oct29	Nov13	Nov29	252	229	206	16
ASSATEAGUE	36	Apr01	Apr16	May01	Oct15	Oct29	Nov13	220	196	171	28
	32	Mar21	Apr05	Apr20	Oct20	Nov08	Nov26	244	215	187	20
	28	Mar05	Mar24	Apr12	Nov04	Nov24	Dec15	273	245	216	13
BALTIMORE-WASHINGTON AP	36	Apr10	Apr24	May08	Oct04	Oct17	Oct30	198	175	153	34
	32	Mar31	Apr11	Apr22	Oct17	Oct29	Nov11	220	200	181	26
	28	Mar17	Mar30	Apr12	Oct24	Nov10	Nov26	245	224	203	17
BELTSVILLE	36	Apr22	May04	May16	Sep30	Oct12	Oct25	178	161	144	37
	32	Apr05	Apr18	May01	Oct09	Oct22	Nov04	208	186	164	29
	28	Mar22	Apr05	Apr19	Oct16	Oct30	Nov14	230	208	185	21
CATOCTIN MOUNTAIN PARK	36	Apr20	May05	May19	Sep30	Oct13	Oct26	182	161	141	38
	32	Apr09	Apr22	May05	Oct11	Oct24	Nov06	206	184	162	31
	28	Mar31	Apr10	Apr20	Oct20	Nov03	Nov18	223	207	190	22
CHESTERTOWN	36	Apr08	Apr21	May04	Oct02	Oct16	Oct31	201	178	154	33
	32	Mar28	Apr07	Apr16	Oct14	Oct29	Nov14	222	205	188	25
	28	Mar11	Mar26	Apr10	Oct27	Nov13	Nov29	256	231	206	18
CLARKSVILLE 3 NNE	36	Apr23	May11	May28	Sep16	Oct02	Oct18	170	143	117	41
	32	Apr13	Apr30	May17	Sep27	Oct15	Nov01	196	167	138	33
	28	Mar29	Apr15	May01	Oct06	Oct25	Nov12	224	193	161	25
CONOWINGO DAM	36	Apr17	Apr28	May10	Oct01	Oct16	Oct31	192	170	148	38
	32	Apr03	Apr18	May03	Oct10	Oct25	Nov10	214	190	165	31
	28	Mar19	Apr03	Apr17	Oct22	Nov08	Nov24	243	218	193	22
DALECARLIA RESERVOIR	36	Apr12	Apr30	May19	Sep27	Oct12	Oct27	193	164	136	36
	32	Mar27	Apr15	May04	Oct06	Oct23	Nov08	220	190	160	27
	28	Mar15	Apr02	Apr20	Oct14	Nov03	Nov22	241	214	187	20
EMMITSBURG 2 SE	36	Apr28	May13	May29	Sep13	Sep29	Oct15	160	138	117	41
	32	Apr13	Apr29	May15	Sep29	Oct12	Oct26	187	166	145	33
	28	Apr06	Apr17	Apr28	Oct08	Oct25	Nov11	214	191	167	24
FREDERICK POLICE BRKS	36	Apr06	Apr22	May08	Oct01	Oct17	Nov01	202	177	152	32
	32	Mar29	Apr09	Apr19	Oct13	Oct30	Nov15	223	203	183	25
	28	Mar09	Mar28	Apr15	Oct29	Nov15	Dec01	256	231	207	16
GLENN DALE BELL STN	36	Apr25	May10	May26	Sep20	Oct03	Oct17	165	145	125	38
	32	Apr15	Apr29	May13	Oct01	Oct14	Oct28	188	168	147	31
	28	Apr01	Apr14	Apr27	Oct13	Oct26	Nov08	214	195	175	23
LAUREL 3 W	36	Apr06	Apr20	May04	Oct04	Oct20	Nov04	206	182	159	33
	32	Mar26	Apr08	Apr20	Oct11	Oct30	Nov18	232	205	177	25
	28	Mar14	Mar28	Apr10	Oct24	Nov13	Dec03	258	229	201	17

MILLINGTON 1 SE	36 32 28	Apr17 Apr02 Mar18	May03 Apr16 Apr04	May19 May01 Apr21	Sep27 Oct07 Oct14	Oct11 Oct21 Oct31	Oct25 Nov05 Nov17	183 211 238	160 188 209	137 164 180	37 29 21
NATIONAL ARBORETUM DC	36 32 28	Apr11 Mar28 Mar15	Apr24 Apr09 Mar28	May07 Apr20 Apr11	Sep30 Oct12 Oct19	Oct15 Oct26 Nov06	Oct29 Nov09 Nov25	192 221 246	173 200 222	154 179 198	34 26 18
OAKLAND 1 SE	36 32 28	May10 May01 Apr23	May31 May17 May04	Jun20 Jun03 May15	Sep02 Sep12 Sep27	Sep17 Sep25 Oct10	Oct02 Oct08 Oct24	137 146 177	108 130 159	80 114 141	48 41 32
PRINCESS ANNE	36 32 28	Apr22 Apr07 Mar22	May05 Apr23 Apr05	May19 May09 Apr19	Sep21 Oct02 Oct10	Oct05 Oct18 Oct30	Oct20 Nov03 Nov18	172 201 229	152 177 207	132 152 184	33 26 18
ROCKVILLE 1 NE	36 32 28	Apr07 Mar26 Mar17	Apr29 Apr16 Apr04	May21 May07 Apr23	Sep23 Oct03 Oct12	Oct10 Oct21 Nov01	Oct28 Nov09 Nov21	198 222 243	164 188 210	129 153 178	36 27 19
ROYAL OAK 2 SSW	36 32 28	Apr04 Mar22 Mar06	Apr16 Apr03 Mar20	Apr27 Apr15 Apr03	Oct06 Oct19 Nov02	Oct22 Nov05 Nov19	Nov06 Nov22 Dec05	207 237 265	188 215 243	169 194 221	28 20 13
SALISBURY	36 32 28	Apr06 Mar25 Mar06	Apr21 Apr05 Mar22	May06 Apr17 Apr06	Oct08 Oct14 Oct26	Oct21 Oct30 Nov14	Nov03 Nov15 Dec02	205 230 263	182 207 236	159 184 209	29 21 13
SALISBURY FAA ARPT	36 32 28	Apr15 Mar28 Mar14	Apr27 Apr11 Mar30	May10 Apr24 Apr14	Oct03 Oct12 Oct23	Oct15 Oct27 Nov09	Oct26 Nov10 Nov25	188 219 245	170 198 223	151 177 202	32 25 17
SAVAGE RIVER DAM	36 32 28	May02 Apr23 Apr05	May18 May04 Apr18	Jun03 May15 May02	Sep15 Sep26 Oct08	Sep27 Oct10 Oct23	Oct09 Oct24 Nov08	148 177 210	131 159 187	113 141 164	47 39 29
SNOW HILL 4 N	36 32 28	Apr20 Apr08 Mar21	May03 Apr19 Apr03	May15 Apr30 Apr15	Sep28 Oct08 Oct15	Oct09 Oct20 Oct31	Oct20 Nov02 Nov16	177 200 228	158 183 211	139 167 193	32 24 17
UPPER MARLBORO 3 NNW	36 32 28	Apr22 Apr01 Mar19	May04 Apr15 Apr03	May17 Apr29 Apr17	Sep24 Oct05 Oct15	Oct08 Oct20 Oct29	Oct22 Nov03 Nov12	175 212 232	156 187 209	136 162 186	38 30 22
VIENNA	36 32 28	Apr10 Mar25 Mar07	Apr21 Apr08 Mar26	May03 Apr23 Apr14	Oct01 Oct12 Oct21	Oct15 Oct30 Nov10	Oct29 Nov17 Nov30	197 227 260	176 204 228	156 182 196	30 22 15

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).