

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	
West Virginia											
ATHENS	36 32 28	May01 Apr19 Apr08	May18 May05 Apr26	Jun05 May21 May14	Sep14 Sep20 Sep29	Sep28 Oct05 Oct13	Oct11 Oct20 Oct26	152 176 194	131 152 169	111 128 145	41 33 24
BARTOW 1 S	36 32 28	May09 May01 Apr22	May30 May19 May10	Jun19 Jun05 May28	Aug28 Sep09 Sep22	Sep14 Sep26 Oct06	Sep30 Oct12 Oct19	134 152 172	107 129 148	79 105 124	53 46 37
BAYARD	36 32 28	May16 May03 Apr22	Jun02 May20 May05	Jun19 Jun06 May19	Sep01 Sep13 Sep27	Sep14 Sep26 Oct10	Sep27 Oct09 Oct23	123 145 175	103 128 157	83 112 139	51 43 33
BECKLEY VA HOSPITAL	36 32 28	May05 Apr24 Apr18	May23 May12 May01	Jun10 May31 May13	Sep12 Sep19 Oct01	Sep25 Oct02 Oct13	Oct08 Oct14 Oct25	146 163 184	124 142 165	102 121 145	44 37 29
BECKLEY AP	36 32 28	Apr26 Apr14 Apr01	May14 May03 Apr14	May31 May21 Apr28	Sep18 Sep28 Oct07	Oct01 Oct10 Oct24	Oct14 Oct21 Nov11	162 181 216	140 159 192	117 137 168	38 30 23
BELINGTON	36 32 28	May04 Apr27 Apr15	May22 May13 Apr30	Jun08 May30 May15	Sep15 Sep28 Oct04	Sep27 Oct08 Oct20	Oct08 Oct18 Nov05	147 166 194	128 147 172	108 128 150	48 40 31
BLUEFIELD AP	36 32 28	Apr17 Apr03 Mar21	May04 Apr18 Apr06	May22 May03 Apr22	Sep27 Oct04 Oct13	Oct10 Oct20 Oct31	Oct23 Nov06 Nov19	180 210 234	158 185 208	136 159 181	33 27 19
BLUESTONE LAKE	36 32 28	Apr22 Apr06 Mar24	May04 Apr24 Apr08	May16 May13 Apr22	Oct02 Oct09 Oct18	Oct13 Oct23 Nov04	Oct24 Nov05 Nov21	177 204 235	161 181 210	146 157 185	40 32 22
BUCKEYE	36 32 28	May04 Apr26 Apr14	May23 May13 May01	Jun11 May29 May17	Sep18 Sep23 Oct02	Sep29 Oct05 Oct16	Oct10 Oct17 Oct30	152 164 187	128 145 168	104 125 149	50 42 34
BUCKHANNON	36 32 28	May02 Apr24 Apr12	May20 May10 Apr27	Jun06 May27 May13	Sep17 Sep25 Oct04	Sep28 Oct07 Oct17	Oct09 Oct20 Oct29	150 171 191	131 149 172	111 127 153	44 36 27
CHARLESTON YEAGER AP	36 32 28	Apr17 Apr07 Mar26	May03 Apr22 Apr06	May19 May08 Apr17	Sep29 Oct05 Oct16	Oct11 Oct21 Nov01	Oct23 Nov07 Nov17	179 203 229	160 181 208	141 160 187	34 27 19
CLARKSBURG 1	36 32 28	Apr24 Apr17 Apr02	May11 Apr30 Apr13	May28 May14 Apr24	Sep26 Oct04 Oct15	Oct05 Oct16 Oct31	Oct15 Oct29 Nov15	166 186 220	146 168 200	127 151 179	43 35 26
CRESTON	36 32 28	Apr27 Apr20 Apr09	May13 May03 Apr24	May29 May16 May09	Sep23 Sep29 Oct08	Oct05 Oct14 Oct24	Oct16 Oct29 Nov09	165 182 204	144 163 182	123 144 160	45 37 28
DUNLOW 1 SW	36 32 28	Apr14 Apr06 Mar23	May04 Apr23 Apr11	May23 May10 Apr29	Sep16 Sep27 Oct06	Oct05 Oct16 Oct25	Oct24 Nov03 Nov14	185 202 224	154 175 197	123 147 170	37 29 21

ELKINS AP	36 32 28	May10 Apr27 Apr20	May29 May16 May04	Jun17 Jun04 May17	Sep12 Sep23 Oct04	Sep25 Oct04 Oct15	Oct07 Oct14 Oct26	141 159 181	118 140 164	96 120 147	47 40 31
FAIRMONT	36 32 28	Apr24 Apr13 Mar29	May13 Apr28 Apr15	May31 May14 May01	Sep17 Sep30 Oct10	Oct02 Oct13 Oct26	Oct17 Oct26 Nov10	163 188 218	141 167 193	120 145 168	41 34 25
FRANKLIN 2 NE	36 32 28	May03 Apr27 Apr16	May23 May12 Apr29	Jun12 May28 May12	Sep06 Sep18 Sep27	Sep22 Sep30 Oct11	Oct07 Oct12 Oct24	146 157 186	121 140 164	96 122 142	44 37 28
GASSAWAY	36 32 28	Apr24 Apr17 Apr01	May11 May01 Apr18	May29 May15 May05	Sep24 Oct06 Oct14	Oct07 Oct18 Oct29	Oct21 Oct30 Nov13	169 187 215	148 169 193	127 151 171	40 32 23
GLENVILLE	36 32 28	Apr27 Apr21 Apr08	May14 May07 Apr22	May31 May23 May05	Sep22 Sep30 Oct09	Oct04 Oct14 Oct26	Oct17 Oct27 Nov11	164 178 208	143 159 186	122 139 164	44 37 28
HAMLIN	36 32 28	Apr24 Apr21 Apr05	May10 May02 Apr19	May26 May14 May02	Sep21 Sep29 Oct06	Oct02 Oct11 Oct23	Oct13 Oct23 Nov09	162 176 207	145 161 187	127 145 166	43 35 26
HOGSETT R C BYRD DAM	36 32 28	Apr18 Apr05 Mar26	May06 Apr24 Apr11	May24 May13 Apr27	Sep26 Oct06 Oct14	Oct09 Oct21 Nov02	Oct22 Nov06 Nov21	180 207 234	155 179 204	131 151 174	41 32 24
HUNTINGTON TRI STATE	36 32 28	Apr15 Apr01 Mar21	Apr30 Apr17 Apr05	May16 May03 Apr19	Sep28 Oct03 Oct15	Oct09 Oct20 Nov01	Oct21 Nov06 Nov18	181 209 232	161 185 210	142 161 187	33 25 18
HUNTINGTON SEWAGE PLNT	36 32 28	Apr16 Apr04 Mar21	May01 Apr19 Apr05	May16 May03 Apr21	Sep29 Oct08 Oct19	Oct12 Oct24 Nov05	Oct25 Nov09 Nov21	186 212 239	164 188 213	142 164 186	34 26 18
LEWISBURG 3 N	36 32 28	May03 Apr25 Apr08	May20 May09 Apr23	Jun06 May23 May08	Sep14 Sep24 Sep27	Sep26 Oct03 Oct15	Oct08 Oct13 Nov02	146 164 201	128 147 174	110 130 148	44 36 27
LOGAN	36 32 28	Apr15 Mar29 Mar20	Apr29 Apr17 Apr04	May14 May06 Apr19	Oct03 Oct15 Oct21	Oct18 Oct29 Nov08	Nov03 Nov13 Nov26	194 220 243	172 194 217	149 169 191	34 26 18
LONDON LOCKS	36 32 28	Apr14 Mar30 Mar18	Apr29 Apr15 Apr01	May14 May01 Apr15	Oct10 Oct15 Oct26	Oct23 Nov01 Nov11	Nov05 Nov18 Nov26	197 224 244	176 199 223	156 173 201	34 26 17
MADISON 3 NNW	36 32 28	Apr21 Apr15 Mar29	May10 Apr28 Apr14	May30 May11 Apr29	Sep25 Oct03 Oct10	Oct10 Oct18 Oct28	Oct25 Nov02 Nov16	178 195 224	152 173 197	126 151 170	41 33 25
MARLINTON	36 32 28	Apr28 Apr19 Apr09	May23 May10 Apr28	Jun18 May31 May17	Sep09 Sep21 Sep26	Sep25 Oct03 Oct11	Oct11 Oct15 Oct25	156 172 190	124 145 165	92 118 139	51 45 37
MARTINSBURG RGNL AP	36 32 28	Apr18 Apr05 Mar18	May03 Apr19 Apr02	May18 May04 Apr16	Sep23 Oct03 Oct15	Oct06 Oct19 Oct28	Oct18 Nov03 Nov10	176 206 228	155 182 209	133 157 189	37 29 21
MATHIAS	36 32 28	May06 Apr25 Apr17	May24 May11 May01	Jun10 May26 May15	Sep08 Sep15 Sep24	Sep22 Sep30 Oct10	Oct07 Oct15 Oct26	144 163 183	121 142 161	98 120 139	45 38 28
MIDDLEBOURNE 3 ESE	36 32 28	Apr30 Apr23 Apr11	May16 May07 Apr26	May31 May20 May11	Sep21 Sep30 Oct08	Oct02 Oct11 Oct22	Oct13 Oct21 Nov05	155 174 195	139 156 178	122 138 162	43 35 26
MOOREFIELD 1 SSE	36 32 28	Apr29 Apr18 Apr04	May13 May01 Apr17	May28 May14 May01	Sep19 Sep26 Oct06	Oct01 Oct10 Oct19	Oct12 Oct24 Nov01	156 179 202	140 161 184	123 143 166	41 33 25
MORGANTOWN HART AP	36 32 28	Apr24 Apr12 Mar28	May09 Apr30 Apr13	May25 May18 Apr28	Sep20 Oct01 Oct15	Oct04 Oct18 Oct29	Oct17 Nov03 Nov12	166 197 222	146 170 199	127 143 175	37 30 21

MORGANTOWN LOCK & DAM	36 32 28	Apr24 Apr12 Apr02	May11 May01 Apr21	May27 May19 May10	Sep19 Oct01 Oct13	Oct05 Oct17 Oct29	Oct20 Nov02 Nov15	172 198 220	146 169 190	121 139 160	40 32 23
MOUNDSVILLE	36 32 28	Apr22 Apr16 Apr01	May07 Apr30 Apr15	May22 May13 Apr29	Sep28 Oct05 Oct16	Oct08 Oct19 Oct31	Oct17 Nov01 Nov14	171 190 218	153 171 198	134 152 178	42 33 25
NEW CUMBERLAND L/D	36 32 28	Apr26 Apr22 Apr07	May13 May03 Apr21	May29 May14 May04	Sep21 Oct06 Oct18	Oct05 Oct19 Oct31	Oct19 Nov02 Nov14	167 186 210	144 169 193	122 151 176	41 33 24
OAK HILL	36 32 28	Apr26 Apr12 Mar24	May14 Apr30 Apr11	Jun01 May18 Apr30	Sep19 Sep28 Oct09	Oct02 Oct12 Oct26	Oct15 Oct25 Nov11	162 188 221	141 164 196	120 140 172	41 33 24
PARKERSBURG AP	36 32 28	Apr22 Apr10 Mar27	May06 Apr24 Apr08	May20 Apr07 Apr20	Sep27 Oct01 Oct17	Oct10 Oct19 Nov04	Oct22 Nov06 Nov22	173 201 232	156 178 209	139 154 186	36 28 20
PARKERSBURG	36 32 28	Apr17 Apr06 Mar24	May04 Apr21 Apr06	May21 May07 Apr19	Sep26 Oct09 Oct19	Oct09 Oct22 Nov04	Oct22 Nov05 Nov20	181 203 234	158 183 211	135 163 189	38 30 21
PARSONS 1 NE	36 32 28	Apr30 Apr23 Apr12	May18 May08 Apr26	Jun06 May23 May10	Sep21 Sep29 Oct05	Oct01 Oct11 Oct21	Oct12 Oct23 Nov06	155 173 193	135 155 177	116 137 161	46 39 30
PINEVILLE	36 32 28	Apr22 Apr13 Mar26	May06 Apr30 Apr12	May21 May16 Apr29	Sep29 Oct06 Oct14	Oct11 Oct20 Oct29	Oct24 Nov03 Nov14	176 194 223	157 173 200	139 152 176	41 33 24
RIPLEY	36 32 28	Apr24 Apr18 Mar29	May11 May02 Apr15	May27 May16 May02	Sep20 Sep29 Oct08	Oct02 Oct13 Oct24	Oct14 Oct27 Nov09	165 184 218	144 163 191	122 143 164	40 32 23
ROMNEY 1 SW	36 32 28	Apr29 Apr18 Apr03	May14 May04 Apr17	May30 May19 Apr30	Sep19 Sep29 Oct12	Oct02 Oct12 Oct25	Oct14 Oct25 Nov07	158 181 209	140 161 190	122 141 172	44 36 27
ROWLESBURG 1	36 32 28	Apr27 Apr15 Apr03	May13 May03 Apr18	May29 May20 May03	Sep26 Oct05 Oct16	Oct06 Oct17 Oct29	Oct15 Oct29 Nov12	164 189 217	145 166 194	125 143 171	45 36 27
SENECA STATE FOREST 1N	36 32 28	May19 May05 Apr23	Jun08 May23 May12	Jun28 Jun10 May31	Aug28 Sep11 Sep21	Sep13 Sep25 Oct03	Sep29 Oct08 Oct15	126 145 166	96 124 143	66 103 119	54 47 38
SPENCER	36 32 28	Apr29 Apr21 Apr11	May17 May08 Apr26	Jun05 May24 May11	Sep15 Sep24 Oct02	Sep29 Oct08 Oct18	Oct13 Oct22 Nov03	157 172 195	134 153 175	111 133 155	44 36 28
SUMMERSVILLE LAKE	36 32 28	Apr26 Apr21 Apr04	May13 May03 Apr19	May31 May14 May03	Sep24 Sep29 Oct09	Oct05 Oct13 Oct26	Oct16 Oct27 Nov13	165 178 215	144 162 190	122 147 165	43 35 26
SUTTON LAKE	36 32 28	Apr27 Apr18 Apr02	May12 May04 Apr16	May28 May21 May01	Sep24 Sep29 Oct06	Oct05 Oct12 Oct24	Oct15 Oct24 Nov11	164 183 218	145 160 190	125 136 162	45 37 29
TERRA ALTA NO 1	36 32 28	Apr28 Apr26 Apr06	May18 May06 Apr22	Jun08 May15 May07	Sep11 Sep24 Oct04	Sep26 Oct09 Oct21	Oct11 Oct24 Nov08	153 173 210	130 155 182	108 138 155	43 36 29
UNION 3 SSE	36 32 28	May03 Apr26 Apr15	May23 May12 Apr30	Jun13 May27 May15	Sep10 Sep20 Sep30	Sep24 Oct01 Oct11	Oct08 Oct12 Oct23	145 160 182	123 141 164	101 123 146	44 36 28
WARDENSVILLE R M FARM	36 32 28	May04 Apr23 Apr09	May18 May04 Apr23	Jun01 May15 May07	Sep12 Sep22 Oct04	Sep27 Oct06 Oct17	Oct11 Oct20 Oct30	151 173 195	131 154 176	112 136 157	46 39 30
WAYNE 2	36 32 28	Apr23 Apr18 Mar27	May09 May01 Apr11	May25 May14 Apr25	Sep24 Oct01 Oct10	Oct06 Oct15 Oct26	Oct18 Oct28 Nov12	169 185 220	149 166 198	129 147 176	43 35 26

WELLSBURG WTR TRMT PL	36	Apr25	May11	May27	Sep22	Oct05	Oct19	170	147	124	41
	32	Apr14	May01	May18	Oct02	Oct17	Nov02	193	169	145	32
	28	Apr04	Apr17	Apr30	Oct14	Oct30	Nov14	214	195	175	24
WESTON	36	Apr28	May15	May31	Sep22	Oct04	Oct16	163	142	120	44
	32	Apr18	May02	May16	Sep28	Oct13	Oct28	183	163	143	37
	28	Apr06	Apr19	May02	Oct10	Oct27	Nov14	216	191	166	28
WEST UNION 2	36	Apr28	May15	Jun01	Sep21	Oct03	Oct14	159	140	120	45
	32	Apr17	May04	May20	Sep24	Oct12	Oct31	187	161	134	37
	28	Apr06	Apr23	May10	Oct07	Oct24	Nov10	208	184	159	28
WHITE SULPHUR SPRINGS	36	May03	May19	Jun05	Sep11	Sep26	Oct11	151	129	108	45
	32	Apr26	May12	May28	Sep22	Oct05	Oct18	164	146	127	37
	28	Apr12	Apr26	May09	Oct02	Oct15	Oct27	189	171	153	28

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).