

**Table K1. - Water Features**

Smyth County, Virginia

Depths of layers are in feet. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
1B: Austinville	B	Jan-Dec			---	---	None	---	None
1C: Austinville	B	Jan-Dec			---	---	None	---	None
1D: Austinville	B	Jan-Dec			---	---	None	---	None
1E: Austinville	B	Jan-Dec			---	---	None	---	None
2E: Austinville	B	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
3D: Berks	C	Jan-Dec			---	---	None	---	None
Weikert	B/D	Jan-Dec			---	---	None	---	None
4B:									

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
4B:									
Botetourt	C	January	1.5-2.5	>6.0	---	---	None	Very brief	Rare
		February	1.5-2.5	>6.0	---	---	None	Very brief	Rare
		March	1.5-2.5	>6.0	---	---	None	Very brief	Rare
		April	1.5-2.5	>6.0	---	---	None	Very brief	Rare
		May	1.5-2.5	>6.0	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	1.5-2.5	>6.0	---	---	None	Very brief	Rare
		December	1.5-2.5	>6.0	---	---	None	Very brief	Rare
Wet spots	---	Jan-Dec			---	---	None	---	None
4C:									
Botetourt	C	January	1.5-2.5	>6.0	---	---	None	---	None
		February	1.5-2.5	>6.0	---	---	None	---	None
		March	1.5-2.5	>6.0	---	---	None	---	None
		April	1.5-2.5	>6.0	---	---	None	---	None
		May	1.5-2.5	>6.0	---	---	None	---	None
		November	1.5-2.5	>6.0	---	---	None	---	None
		December	1.5-2.5	>6.0	---	---	None	---	None
Wet spots	---	Jan-Dec			---	---	None	---	None
5E:									
Brushy	B	Jan-Dec			---	---	None	---	None
6E:									
Calvin	C	Jan-Dec			---	---	None	---	None
7C:									

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
7C: Carbo	C	Jan-Dec			---	---	None	---	None
7D: Carbo	C	Jan-Dec			---	---	None	---	None
8D: Carbo	C	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
8E: Carbo	C	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
9E: Carbo	C	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
10C: Chiswell	D	Jan-Dec			---	---	None	---	None
Litz	C	Jan-Dec			---	---	None	---	None
Groseclose	C	Jan-Dec			---	---	None	---	None
10D: Chiswell	D	Jan-Dec			---	---	None	---	None
Litz	C	Jan-Dec			---	---	None	---	None
Groseclose	C	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
10E:									
Chiswell	D	Jan-Dec			---	---	None	---	None
Litz	C	Jan-Dec			---	---	None	---	None
Groseclose	C	Jan-Dec			---	---	None	---	None
11D:									
Dekalb	A	Jan-Dec			---	---	None	---	None
11E:									
Dekalb	A	Jan-Dec			---	---	None	---	None
12B:									
Derroc	B	January	---	---	---	---	None	Brief	Occasional
		February	---	---	---	---	None	Brief	Occasional
		March	---	---	---	---	None	Brief	Occasional
		December	---	---	---	---	None	Brief	Occasional
13D:									
Drypond	D	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
13E:									
Rock outcrop	D	Jan-Dec			---	---	None	---	None
Drypond	D	Jan-Dec			---	---	None	---	None
14:									
Dumps	---	Jan-Dec			---	---	None	---	None
15B:									
Frederick	B	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
15C: Frederick	B	Jan-Dec			---	---	None	---	None
15D: Frederick	B	Jan-Dec			---	---	None	---	None
15E: Frederick	B	Jan-Dec			---	---	None	---	None
15F: Frederick	B	Jan-Dec			---	---	None	---	None
16B: Frederick	B	Jan-Dec			---	---	None	---	None
16C: Frederick	B	Jan-Dec			---	---	None	---	None
16D: Frederick	B	Jan-Dec			---	---	None	---	None
16E: Frederick	B	Jan-Dec			---	---	None	---	None
17C: Frederick	B	Jan-Dec			---	---	None	---	None
Urban land	---	Jan-Dec			---	---	None	---	None
18E: Greenlee	B	Jan-Dec			---	---	None	---	None
19B:									

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
19B:									
Ingledove	B	January	---	---	---	---	None	Very brief	Rare
		February	---	---	---	---	None	Very brief	Rare
		March	---	---	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	---	---	---	---	None	Very brief	Rare
		December	---	---	---	---	None	Very brief	Rare
20B:									
Ingledove	B	January	---	---	---	---	None	Very brief	Rare
		February	---	---	---	---	None	Very brief	Rare
		March	---	---	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	---	---	---	---	None	Very brief	Rare
		December	---	---	---	---	None	Very brief	Rare
Urban land	---	Jan-Dec			---	---	None	---	None
21D:									
Konnarock	C	Jan-Dec			---	---	None	---	None
21E:									

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
21E: Konnarock	C	Jan-Dec			---	---	None	---	None
22B: Laidig	C	January	2.5-4.0	2.5-4.0	---	---	None	---	None
		February	2.5-4.0	2.5-4.0	---	---	None	---	None
		March	2.5-4.0	2.5-4.0	---	---	None	---	None
22C: Laidig	C	January	2.5-4.0	2.5-4.0	---	---	None	---	None
		February	2.5-4.0	2.5-4.0	---	---	None	---	None
		March	2.5-4.0	2.5-4.0	---	---	None	---	None
22D: Laidig	C	January	2.5-4.0	2.5-4.0	---	---	None	---	None
		February	2.5-4.0	2.5-4.0	---	---	None	---	None
		March	2.5-4.0	2.5-4.0	---	---	None	---	None
23C: Laidig	C	January	2.5-4.0	2.5-4.0	---	---	None	---	None
		February	2.5-4.0	2.5-4.0	---	---	None	---	None
		March	2.5-4.0	2.5-4.0	---	---	None	---	None
23D: Laidig	C	January	2.5-4.0	2.5-4.0	---	---	None	---	None
		February	2.5-4.0	2.5-4.0	---	---	None	---	None
		March	2.5-4.0	2.5-4.0	---	---	None	---	None
24C: Lily	B	Jan-Dec			---	---	None	---	None
24D: Lily	B	Jan-Dec			---	---	None	---	None
24E:									

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
24E: Lily	B	Jan-Dec			---	---	None	---	None
25A: Maurertown	D	January	0.0-0.5	>6.0	---	---	None	Brief	Occasional
		February	0.0-0.5	>6.0	---	---	None	Brief	Occasional
		March	0.0-0.5	>6.0	---	---	None	Brief	Occasional
		April	0.0-0.5	>6.0	---	---	None	Brief	Occasional
		May	0.0-0.5	>6.0	---	---	None	Brief	Occasional
		June	0.0-0.5	>6.0	---	---	None	---	None
		November	0.0-0.5	>6.0	---	---	None	---	None
		December	0.0-0.5	>6.0	---	---	None	Brief	Occasional
26A: Melvin	D	January	0.0-1.0	>6.0	---	---	None	Long	Frequent
		February	0.0-1.0	>6.0	---	---	None	Long	Frequent
		March	0.0-1.0	>6.0	---	---	None	Long	Frequent
		April	0.0-1.0	>6.0	---	---	None	Long	Frequent
		May	0.0-1.0	>6.0	---	---	None	Long	Frequent
		December	0.0-1.0	>6.0	---	---	None	Long	Frequent
27D: Newbern	C	Jan-Dec			---	---	None	---	None
Westmoreland	B	Jan-Dec			---	---	None	---	None
27E: Newbern	C	Jan-Dec			---	---	None	---	None
Westmoreland	B	Jan-Dec			---	---	None	---	None
28: Pits	---	Jan-Dec			---	---	None	---	None

29C:

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
29C: Poynor	B	Jan-Dec			---	---	None	---	None
29D: Poynor	B	Jan-Dec			---	---	None	---	None
29E: Poynor	B	Jan-Dec			---	---	None	---	None
30F: Rock outcrop	D	Jan-Dec			---	---	None	---	None
Newbern	C	Jan-Dec			---	---	None	---	None
31B: Shelocta	B	Jan-Dec			---	---	None	---	None
31C: Shelocta	B	Jan-Dec			---	---	None	---	None
31D: Shelocta	B	Jan-Dec			---	---	None	---	None
31E: Shelocta	B	Jan-Dec			---	---	None	---	None
32B: Shottower	B	Jan-Dec			---	---	None	---	None
32C: Shottower	B	Jan-Dec			---	---	None	---	None
32D: Shottower	B	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
33A:									
Sindion	B	January	1.5-3.0	>6.0	---	---	None	Brief	Occasional
		February	1.5-3.0	>6.0	---	---	None	Brief	Occasional
		March	1.5-3.0	>6.0	---	---	None	Brief	Occasional
		April	1.5-3.0	>6.0	---	---	None	---	None
		December	1.5-3.0	>6.0	---	---	None	Brief	Occasional
Melvin	---	Jan-Dec			---	---	None	---	None
34:									
Slickens	B	January	0.0-2.0	>6.0	---	---	None	---	None
		February	0.0-2.0	>6.0	---	---	None	---	None
		March	0.0-2.0	>6.0	---	---	None	---	None
		April	0.0-2.0	>6.0	---	---	None	---	None
		May	0.0-2.0	>6.0	---	---	None	---	None
		June	0.0-2.0	>6.0	---	---	None	---	None
		July	0.0-2.0	>6.0	---	---	None	---	None
		August	0.0-2.0	>6.0	---	---	None	---	None
		September	0.0-2.0	>6.0	---	---	None	---	None
		October	0.0-2.0	>6.0	---	---	None	---	None
		November	0.0-2.0	>6.0	---	---	None	---	None
		December	0.0-2.0	>6.0	---	---	None	---	None
35A:									
Speedwell	B	January	---	---	---	---	None	Brief	Occasional
		February	---	---	---	---	None	Brief	Occasional
		March	---	---	---	---	None	Brief	Occasional
		April	---	---	---	---	None	Brief	Occasional
36D:									
Sylco	C	Jan-Dec			---	---	None	---	None
Sylvatus	D	Jan-Dec			---	---	None	---	None
36E:									

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
36E:									
Sylco	C	Jan-Dec			---	---	None	---	None
Sylvatus	D	Jan-Dec			---	---	None	---	None
37B:									
Tate	B	Jan-Dec			---	---	None	---	None
38B:									
Timberville	B	January	---	---	---	---	None	Very brief	Rare
		February	---	---	---	---	None	Very brief	Rare
		March	---	---	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	---	---	---	---	None	Very brief	Rare
		December	---	---	---	---	None	Very brief	Rare
39B:									
Tumbling	B	Jan-Dec			---	---	None	---	None
39C:									
Tumbling	B	Jan-Dec			---	---	None	---	None
39D:									
Tumbling	B	Jan-Dec			---	---	None	---	None
39E:									
Tumbling	B	Jan-Dec			---	---	None	---	None

40C:

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
40C: Tumbling	B	Jan-Dec			---	---	None	---	None
40D: Tumbling	B	Jan-Dec			---	---	None	---	None
40E: Tumbling	B	Jan-Dec			---	---	None	---	None
41: Udorthents	---	Jan-Dec			---	---	None	---	None
Urban land	---	Jan-Dec			---	---	None	---	None
42E: Weikert	B/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
43B: Wheeling	B	January	---	---	---	---	None	Very brief	Rare
		February	---	---	---	---	None	Very brief	Rare
		March	---	---	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	---	---	---	---	None	Very brief	Rare
		December	---	---	---	---	None	Very brief	Rare

44B:

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
44B:									
Wheeling	B	January	---	---	---	---	None	Very brief	Rare
		February	---	---	---	---	None	Very brief	Rare
		March	---	---	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	---	---	---	---	None	Very brief	Rare
		December	---	---	---	---	None	Very brief	Rare
Urban land	---	Jan-Dec			---	---	None	---	None
45A:									
Wolfgap	B	January	---	---	---	---	None	Brief	Occasional
		February	---	---	---	---	None	Brief	Occasional
		March	---	---	---	---	None	Brief	Occasional
		December	---	---	---	---	None	Brief	Occasional
46C:									
Wurno	C	Jan-Dec			---	---	None	---	None
Newbern	C	Jan-Dec			---	---	None	---	None
46D:									
Wurno	C	Jan-Dec			---	---	None	---	None
Newbern	C	Jan-Dec			---	---	None	---	None
46E:									
Wurno	C	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Smyth County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
46E: Newbern	C	Jan-Dec			---	---	None	---	None
47B: Wyrick	B	Jan-Dec			---	---	None	---	None
Marbie	C	January	2.0-4.0	1.5-3.0	---	---	None	---	None
		February	2.0-4.0	1.5-3.0	---	---	None	---	None
		March	2.0-4.0	1.5-3.0	---	---	None	---	None
		November	2.0-4.0	1.5-3.0	---	---	None	---	None
		December	2.0-4.0	1.5-3.0	---	---	None	---	None
47C: Wyrick	B	Jan-Dec			---	---	None	---	None
Marbie	C	January	2.0-4.0	1.5-3.0	---	---	None	---	None
		February	2.0-4.0	1.5-3.0	---	---	None	---	None
		March	2.0-4.0	1.5-3.0	---	---	None	---	None
		November	2.0-4.0	1.5-3.0	---	---	None	---	None
		December	2.0-4.0	1.5-3.0	---	---	None	---	None
47D: Wyrick	B	Jan-Dec			---	---	None	---	None
Marbie	C	January	2.0-4.0	1.5-3.0	---	---	None	---	None
		February	2.0-4.0	1.5-3.0	---	---	None	---	None
		March	2.0-4.0	1.5-3.0	---	---	None	---	None
		November	2.0-4.0	1.5-3.0	---	---	None	---	None
		December	2.0-4.0	1.5-3.0	---	---	None	---	None
W: Water	---	Jan-Dec			---	---	None	---	None