

Floodmarks along the Tug Fork and Guyandotte River identified in the field during and immediately after the flood were referenced to National Geodetic Vertical datum. The elevations are listed in tables

16 and 17 and presented in figures 25 and 26. Selected water-surface elevations for the 1963 flood on the Guyandotte River are also listed in table 17.

TABLE 16.—Flood-crest stages, Tug Fork basin, April 1977

Location in West Virginia	Miles above mouth	April 1977 water surface elevation in feet, above mean sea level
Mouth of Tug Fork	0.0	559.3
0.5 mi above State Route 37 highway bridge at Fort Gay	0.7	565.4
3.7 mi above State Route 37 highway bridge at Fort Gay	3.9	573.7
1.3 mi below mouth of Rockcastle Creek on Tug Fork	9.1	578.5
Geological Survey gaging station at Glenhayes	10.0	580.6
0.6 mi below mouth of Horse Creek on Tug Fork	13.4	586.0
Mouth of Camp Creek on Tug Fork	17.9	595.2
0.1 mi below mouth of Bull Creek on Tug Fork	22.6	605.1
0.4 mi above mouth of Big Elk Creek on Tug Fork	25.6	611.5
0.2 mi below mouth of Silver Creek on Tug Fork	28.2	615.3
1.7 mi below toll bridge at Kermit	33.3	625.7
Toll bridge at Kermit	35.0	628.4
Geological Survey gaging station near Kermit	38.1	634.7
Mouth of Pigeon Creek on Tug Fork	41.4	640.9
1.9 mi above mouth of Pigeon Creek on Tug Fork	43.3	643.1
5.4 mi above mouth of Pigeon Creek on Tug Fork	46.8	652.4
0.5 mi above Norfolk and Western Railroad bridge at Nolan	48.9	657.0
2.1 mi above Norfolk and Western Railroad bridge at Nolan	50.5	659.3
Mouth of Buffalo Creek on Tug Fork	52.3	663.8
1.9 mi below U.S. Route 119 highway bridge at Williamson	54.9	669.7
Geological Survey gaging station at Williamson	56.5	673.5
2.0 mi above U.S. Route 119 highway bridge at Williamson	58.8	676.4
2.1 mi above U.S. Route 119 highway bridge at Williamson	58.9	677.3
1.4 mi above Norfolk and Western Railroad bridge near Matewan	70.2	708.0
1.7 mi below State Route 49 highway bridge at Edgerton	75.6	723.1
0.3 mi below State Route 49 highway bridge at Edgerton	77.0	729.0
2.2 mi above State Route 49 highway bridge at Edgerton	79.5	738.5
0.1 mi below mouth of Ben Creek on Tug Fork	93.4	827.5
0.3 mi below State Secondary Route 2 highway bridge at Mohawk	99.2	921.3
1.2 mi above State Secondary Route 2 highway bridge at Mohawk	100.7	933.2
State Secondary Route 1 highway bridge at Panther	102.2	943.8
3.8 mi above State Secondary Route 1 highway bridge at Panther	106.0	963.0
Geological Survey gaging station at Litwar	106.1	963.7
1.2 mi above State Secondary Route 1 highway bridge at Litwar	108.2	973.3
0.4 mi below U.S. Route 52 highway bridge at Iaeger	109.1	980.5
U.S. Route 52 highway bridge at Iaeger	109.5	981.1
2.4 mi above U.S. Route 52 highway bridge at Iaeger	111.9	988.3
4.3 mi above U.S. Route 52 highway bridge at Iaeger	113.8	1,020.3
6.2 mi above U.S. Route 52 highway bridge at Iaeger	115.7	1,053.0
7.1 mi above U.S. Route 52 highway bridge at Iaeger	116.6	1,058.3
1.4 mi below Norfolk and Western Railroad bridge at Roderfield	117.6	1,073.1
Norfolk and Western Railroad Bridge at Roderfield	119.0	1,095.4
1.2 mi below State Secondary Route 7 highway bridge at Davy	124.3	1,166.4
0.4 mi above State Secondary Route 7 highway bridge at Davy	125.8	1,184.4
1.3 mi above State Secondary Route 7 highway bridge at Davy	126.7	1,201.7
2.1 mi above State Secondary Route 7 highway bridge at Davy	127.5	1,216.3
2.7 mi above State Secondary Route 7 highway bridge at Davy	128.1	1,229.2
3.2 mi above State Secondary Route 7 highway bridge at Davy	128.6	1,236.5
Norfolk and Western Railroad bridge near Capels	129.3	1,250.1
1.1 mi above Norfolk and Western Railroad bridge near Capels	130.4	1,266.0
Norfolk and Western Railroad bridge at Hempill	131.5	1,282.2
Norfolk and Western Railroad bridge at Hempill	132.2	1,288.7
U.S. Route 52 highway bridge near Welch	134.1	1,309.8
0.9 mi above U.S. Route 52 highway bridge near Welch	135.0	1,318.4
2.9 mi above U.S. Route 52 highway bridge near Welch	137.0	1,354.0
3.6 mi above U.S. Route 52 highway bridge near Welch	137.7	1,367.2
5.6 mi above U.S. Route 52 highway bridge near Welch	139.7	1,400.8
0.1 mi below Norfolk and Western Railroad bridge at Thorpe	141.9	1,430.4
Norfolk and Western Railroad bridge near Thorpe	143.3	1,466.4