

Marlinton



Building: [38-08-0003-0023-0000](#)

1900 Commercial Structure



309 8th St, Marlinton, WV, 24954



- 9.4' (FSF 0.2% / 500-Yr)
- 8.8' (FEMA DRAFT NFHL 0.2% / 500-Yr)
- 7' (1985 High Water Mark)
- 4.8' (FEMA DRAFT NFHL 1% / 100-Yr)
- 3.6' (FEMA 1% / 100-Yr)
- 2.7' (FEMA 2% / 50-Yr)
- 0.4' (FEMA 10% / 10-Yr)

Ideally, the Design Flood Elevation (DFE) should be the BFE plus 2 feet of freeboard. The DFE should also be above the high-water marks of the 1985 flood plus freeboard.

Flood Intervals	Height (ft.)	Source
FEMA 10% / 10-Yr	0.4	Flood Profile (Effective 2010)
FEMA 2% / 50-yr	2.7	Flood Profile (Effective 2010)
FEMA 1% / 100-yr	3.6	Flood Profile (Effective 2010)
FEMA 100-yr + 2.0 Ft. Freeboard (DFE)	5.6	Design flood elevation (DFE)
High Water Mark (1985 Flood)	7.0	Picture
FEMA Draft NFHL 100-yr	4.8	WV Flood Tool (Draft 2023)
FEMA 500-yr	8.8	WV Flood Tool (Draft 2023)
FSF 500-yr	9.4	FSF Flood Depth (2022)



1985 Flood High Water Mark

FLOOD DEPTHS:

- FEMA Effective (2010)
- FEMA Draft NFHL (2023)
- First Street Foundation (FSF, 2022)
- 1985 Flood High Water Mark