

CLENDENIN Flood Risk Report (Incorporated Place Scale)

- **Ranked 1st** in flood risk for 229 *incorporated places*.
- **100% Cumulative Index Score** of 29 risk indicators.
- **10 of 29 risk indicators** reach the 90th percentile.
- **15 of 29 risk indicators** reach the 80th percentile.

NOTEWORTHY FLOOD RISKS

- **Flood Frequency:** 24 Declared Flood Disasters since 1952.
- **Flood Depths:** 6.4-foot median of all high-risk floodplain structures.
- **Building Exposure:** 302 buildings in high-risk flood zone.
- **Building Ratio:** 52.5 percentage of buildings in floodplain
- **Building Year:** 10.9% minus-rated structures constructed Post-FIRM.
- **Roads Inundated:** 51.8% of roads inundated during a major flood event.
- **Community Assets:** 54 historical and 16 non-historical assets.
- **Damage Estimates:** 46 substantially damaged buildings or 15.2% of floodplain structures.
- **Damages Previously:** 122 previous damage claims.
- **Repetitive loss:** 24 repetitive loss structures.
- **Population Ratio:** 66.8% of population reside in the high-risk flood zone.
- **Population Displaced:** 63.0% of population displaced from major flood event.

Table 1. A Cumulative Flood Risk Index of 29 flood factors reveals that **Clendenin** ranks number one in the state of all 229 municipalities with a Cumulative Flood Risk Score of 100%.

Category	Flood Risk Indicator	Value for Clendenin (Red – Top 10%) (Orange – Top 20%)	Indicator Score (0 - 100%)
FLOODPLAIN CHARACTERISTICS	Declared Flood Disasters	24	88.1%
	Median Flood Depth (Feet)	6.4	96.0%
BUILDING EXPOSURE	Buildings in High-Risk Flood Zone	302	91.2%
	Floodplain to Community Bldg. Ratio	52.5%	97.8%
	Building Density per acre	1.28	80.2%
BUILDING CHARACTERISTICS	Building Year Construction (Post-FIRM Minus-Rated Structures)	10.9%	88.5%
CRITICAL INFRASTRUCTURE	Inundated Roads Ratio	51.8%	98.6%
COMMUNITY ASSETS	Historical Community Assets	54	98.2%
	Non-Historical Community Assets	16	98.2%
ESTIMATED / PREVIOUS DAMAGE	Substantial Damage Count	46	98.2%
	Substantial Damage Ratio	15.2%	99.5%
	Total Number of Previous Claims	122	88.1%
	Number of Repetitive Losses	24	88.3%
PEOPLE / SOCIAL	Population % Residing in Floodplain	66.8%	94.7%
	Displaced Population	63.0%	96.9%
Cumulative Flood Index Score of 29 Risk Factors (229 municipalities in WV)			100% (1st Rank)