**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%.

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| --- | --- | --- | --- |
| **Category** | **Flood Risk Indicator** | **Value for Clendenin(Red – Top 10%)(Orange – Top 20%)** | **Indicator Score (0 - 100%)** |
| **FLOODPLAIN CHARCTERISTICS** | 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% |
| **BUILING 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)** |