

CLENDENIN Flood Risk Report (Incorporated Place Scale)

Report URL: www.mapwv.gov/FR/IP/Clendenin/Report-80thPCT

RANKINGS FOR CLENDENIN, WV

- **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 FACTS

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%**. Below are **15** flood risk indicators above the 80th percentile. Click on the More Info link for rationale and recommendations of each indicator.

Risk Indicator	Description	More Info	Supplementary Links
Flood Frequency	24 Declared Flood Disasters since 1953.	i	County Natural Break County Percent Rank
Flood Depths	6.4-foot median of all high-risk floodplain structures.	i	Depth > 5 ft. Depth > 10 ft.
Building Exposure	302 buildings in high-risk flood zone.	i	Natural Break Percent Rank Detailed Building Count Report Debris Removal
Building Ratio	52.5 percentage of buildings in floodplain.	i	Natural Break Percent Rank
Building Density	1.28 buildings per acre in floodplain.	i	Density
Building Year	10.9% minus-rated structures constructed Post-FIRM.	i	Density
Roads Inundated	52.5 percentage of buildings in floodplain.	i	Density Natural Break Percent Rank
Historical Assets	54 historical assets.	i	Density Natural Break Percent Rank Web Map
Community Assets	16 non-historical assets.	i	Density Natural Break Percent Rank Web Map Detailed Map
Damage Count	46 substantially damaged buildings	i	Density
Damage Ratio	15.2% substantially damaged buildings	i	
Damages Previously	122 previous damage claims.	i	
Repetitive Loss	24 repetitive loss structures.	i	
Population Ratio	66.8% of the population resides in the high-risk flood zone.	i	Density
Population Displaced	63.0% of population displaced from major flood event.	i	

FLOOD RISK INDEX SCORES FOR CLENDENIN, WV

Table 2. A Cumulative Flood Risk Index of 29 flood factors reveals that **Cleundenin** ranks number one in the state of all 229 municipalities with a Cumulative Flood Risk Score of **100%**. Below are **15** flood risk indicators above the 80th percentile. [Cumulative Rank Static Graphic](#).

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	Post-FIRM Buildings (Minus-Rated)	10.9%	88.5%
CRITICAL INFRASTRUCTURE	Roads Inundated 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)

FLOOD RISK FACTORS OF CLENDENIN COMPARED TO OTHER PLACES

Table 3. Flood risk indicator values for **Cleldenin** compared to descriptive statistics of all municipalities.

Category	Flood Risk Indicator	Value for Cleldenin	Median Value	Mean Value	Min Value	Max Value	State Stats
FLOODPLAIN CHARACTERISTICS	Declared Flood Disasters i	24	17	17	9	28	64
	Median Flood Depth (Feet) i	6.4	1.8	2.5	0.1	26.4	1.8
BUILDING EXPOSURE	Buildings in High-Risk Flood Zone i	302	58	140	11	2,685	82,408
	Floodplain to Community Bldg. Ratio i	52.5%	11.3%	15.5%	63.1%	0.2%	7.4%
	Building Density per acre	1.28	0.75	0.93	0.07	4.53	0.16
BUILDING CHARACTERISTICS	Building Year Construction (Post-FIRM Minus-Rated Structures)	10.9%	2.4%	4.8%	0%	40%	5.8%
CRITICAL INFRASTRUCTURE	Roads Inundated Ratio	51.8%	13.0%	15.6%	0%	67%	6.0%
COMMUNITY ASSETS	Historical Community Assets	54	0	14	0	1,259	2,758
	Non-Historical Community Assets	16	2	4	0	55	2,092
ESTIMATED / PREVIOUS DAMAGE	Substantial Damage Count	46	1	7	0	125	6,493
	Substantial Damage Ratio	15.2%	0.9%	5.9%	77.4%	0	7.9%
	Total Number of Previous Claims	122	20	72	0	2,873	27,882
	Number of Repetitive Losses	24	5	5	0	1,574	9,689
PEOPLE / SOCIAL	Population % Residing in Floodplain	66.8%	15.9%	23.3%	0.1%	100%	11.0%
	Displaced Population	63.0%	8.0%	16.1%	0%	100%	6.6%
Cumulative Flood Index Score of 29 Risk Factors (229 municipalities in WV)							

GENERAL INFORMATION STATISTICS FOR CLENDENIN

Table 4. General Information and comparison statistics for **Cleundenin**.

	Total Area (Acres)	Total Structures	Total Population	Population Density (per sq mi)	Number of Households	Average Household Size
Cleundenin	974	575	1,297	852.9	370	3.5
STATE STATS	15,500,454	1,118,761	1,801,049	74.4	711,352	2.5
INCORPORATED PLACE	1,297	1,475	2,763	1,2530	1,142	2.6
Median	559	559	940	1,056	354	2.5
Mean	1,297	1,475	2,763	1,2530	1,142	2.6
Minimum	34 (Sylvester)	28 (Thurmond)	4 (Thurmond)	42.5 (Thurmond)	4 (Thurmond)	1 (Thurmond)
Maximum	20,648 (Charleston)	28,045 (Charleston)	49,055 (Charleston)	4,618.1 (Huntington**)	21779 (Charleston)	4.7 (Pullman)

Figure 5. Map of Cleundenin ([WV Flood Tool link](#))

