

Summary of Bank Erosion Potential for Muncy Creek from 41° 22' 63 above Nordmont Latitude to the Susquehanna River

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There was a total of 175 sites found that showed erosion potential. Out of those 175 sites, 30 of them were land bars. At 17 of the 30 land bar sites, there were no signs of erosion to the stream bank on either side. At 6 of the 30 land bars there was erosion found on both the left and right stream banks. For the last 7 land bars there was only erosion on one side of the stream.

Different Category Totals for Bank Erosion Potential

<u>Bank Height</u>		
High	Medium	Low
58	64	44

<u>Bank Angle</u>		
High	Medium	Low
53	77	36

<u>Density of Roots</u>		
High	Medium	Low
37	58	71

<u>Particle Size</u>		
High	Medium	Low
72	73	21

Percentages

<u>Bank Height</u>		
High	Medium	Low
34.9%	38.55%	26.51%

<u>Bank Angle</u>		
High	Medium	Low
31.93%	46.39%	21.69%

<u>Density of Roots</u>		
High	Medium	Low
22.29%	34.94%	42.77%

<u>Particle Size</u>		
High	Medium	Low
43.37%	43.98%	12.65%

The bridges that are located on Muncy Creek were also sited. For each on the length, width, height and GPS location were found. That information is located on the bridge data sheets.