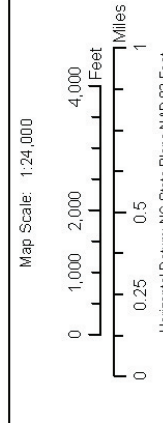
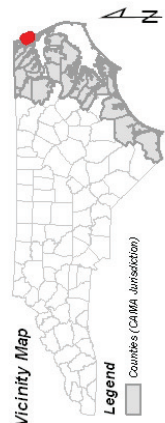




2011 Long-Term Average Annual Erosion Rate Update at Outer Banks (Corolla), North Carolina

- | 2011 Setback Factors (feet/year) | 2003 Setback Factors (feet/year) | Photo: 2009 USDA NAIP |
|----------------------------------|----------------------------------|--|
| 2.0 | 0.0 - 2.0 | Inlet Hazard Area |
| 2.1 - 3.0 | 2.1 - 3.0 | Beach Fill Project > 300,000 cubic yards |
| 3.1 - 4.0 | 3.1 - 4.0 | |
| 4.1 - 5.0 | 4.1 - 5.0 | |
| 5.1 - 6.0 | 5.1 - 6.0 | |
| 6.1 - 7.0 | 6.1 - 7.0 | |
| 7.1 - 8.0 | 7.1 - 8.0 | |
| > 8.0 | > 8.0 | |
- - - - - Erosion Rate Factor Transition Boundary
 - - - - - Beach Fill Project > 300,000 cubic yards



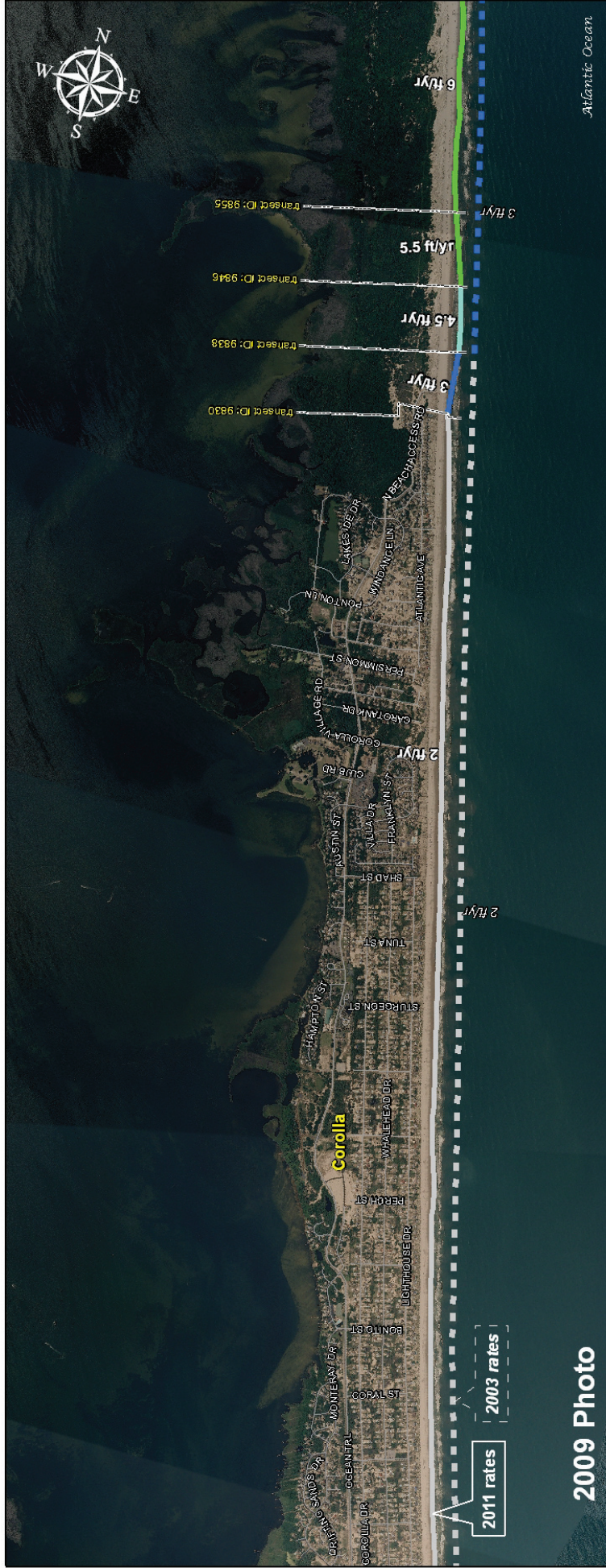
Setback Factors on this map represents long-term average annual erosion rates measured in feet per year. Shoreline segments that are accreting or have erosion rates less than two feet per year receive a setback factor value equal to two.

The information presented here is not predictive, nor does it reflect short-term erosion potential. This map may not be suitable for property specific determination of erosion rate factors near rate transition boundaries due to its small scale. For site specific determinations contact your CAMA Local Permit Official, or regional Division of Coastal Management field office.



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Map No. Corolla - 1 of 2



2009 Photo

2011 Long-Term Average Annual Erosion Rate Update at Outer Banks (Corolla), North Carolina

Legend

2011 Setback Factors (feet/year)	2003 Setback Factors (feet/year)
2.0	0.0 - 2.0
2.1 - 3.0	2.1 - 3.0
3.1 - 4.0	3.1 - 4.0
4.1 - 5.0	4.1 - 5.0
5.1 - 6.0	5.1 - 6.0
6.1 - 7.0	6.1 - 7.0
7.1 - 8.0	7.1 - 8.0
> 8.0	> 8.0

- - - - - Erosion Rate Factor Transition Boundary
 Beach Fill Project > 300,000 cubic yards
 Inlet Hazard Area
 Photo: 2009 USDA NAIP

Vicinity Map

Legend
Counties (CAMA Jurisdiction)

Map Scale: 1:24,000

Horizontal Datum: NC State Plane NAD 83 Feet

0 1,000 2,000 4,000 Feet
0 0.25 0.5 1 Miles

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Map No. Corolla - 2 of 2



2009 Photo

2011 rates

2003 rates

2011 Long-Term Average Annual Erosion Rate Update at Outer Banks (Currituck Nat'l Wildlife Refuge & County), North Carolina

Legend

2011 Setback Factors (feet/year)	2003 Setback Factors (feet/year)
2.0	0.0 - 2.0
2.1 - 3.0	2.1 - 3.0
3.1 - 4.0	3.1 - 4.0
4.1 - 5.0	4.1 - 5.0
5.1 - 6.0	5.1 - 6.0
6.1 - 7.0	6.1 - 7.0
7.1 - 8.0	7.1 - 8.0
> 8.0	> 8.0

- - - - - Erosion Rate Factor Transition Boundary
 Beach Fill Project > 300,000 cubic yards
 Inlet Hazard Area
 Photo: 2009 USDA NAIP

Vicinity Map

Legend
 Counties (CAMA Jurisdiction)

Map Scale: 1:24,000

Horizontal Datum: NC State Plane NAD 83 Feet

0 1,000 2,000 4,000 Feet
 0 0.25 0.5 1 Miles

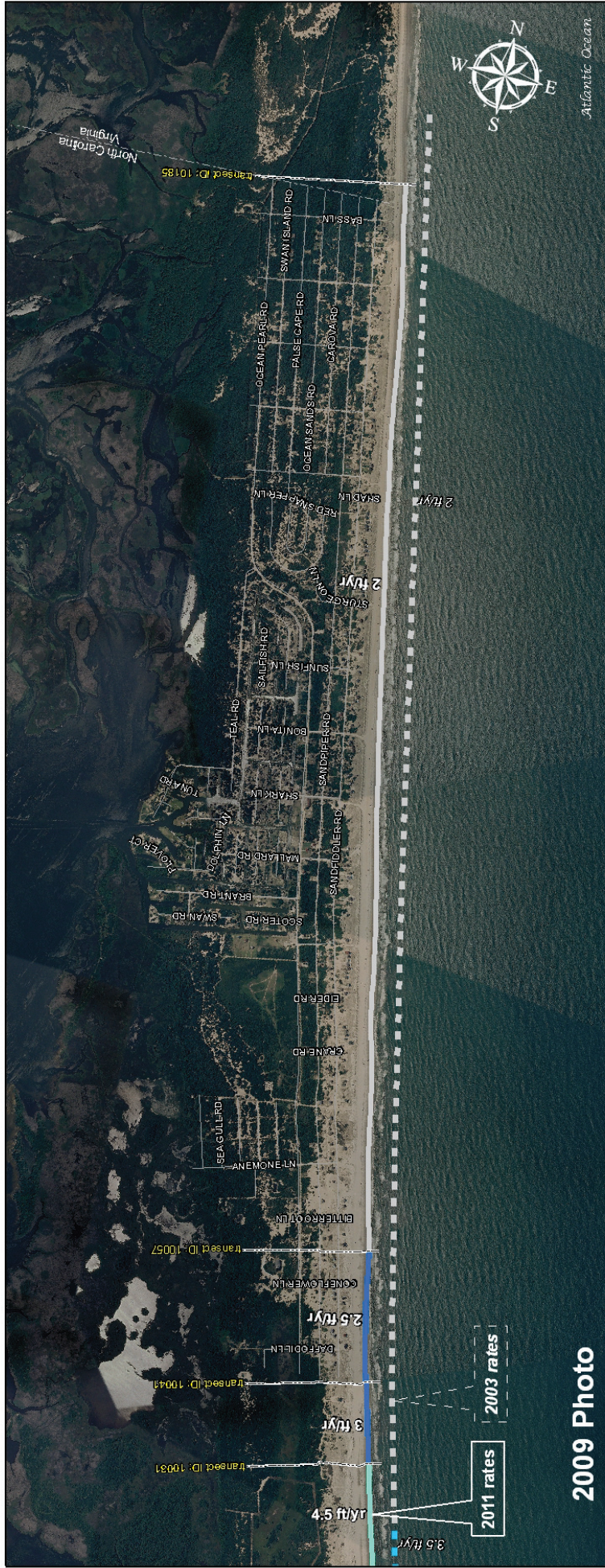
Setback Factors on this map represents long-term average annual erosion rates measured in feet per year. Shoreline segments that are accreting or have erosion rates less than two feet per year receive a setback factor value equal to two.

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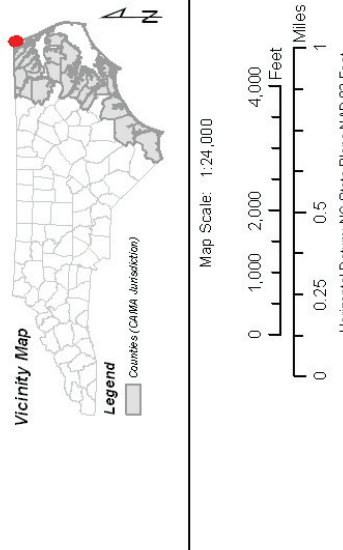
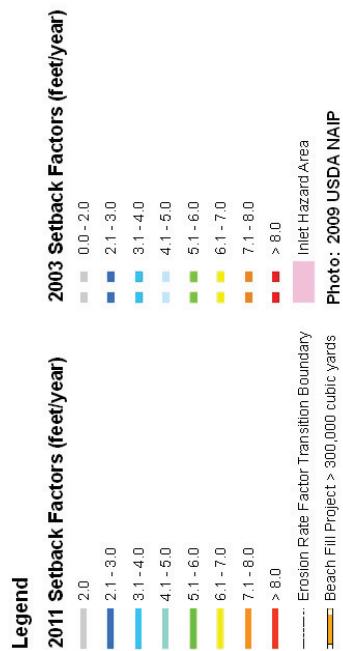


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Map No. Currituck - 1 of 2



2011 Long-Term Average Annual Erosion Rate Update at Outer Banks (Currituck Nat'l Wildlife Refuge & County), North Carolina



Setback Factors on this map represents long-term average annual erosion rates measured in feet per year. Shoreline segments that are accreting or have erosion rates less than two feet per year receive a setback factor value equal to two.

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Map No. Currituck - 2 of 2