Hurricane History Since 1985

1985 – Gloria

Sept 16 - Oct 2

- Landfall: Hatteras 9/26/85
- Category 2 at Landfall with a 6 8 ft Storm Surge and 104 mph winds

Max Wind Speed: 144 mph

1985 – Kate

mph

Nov 15 - Nov 23

- Landfall in Florida
- Affected NC 11/22/85

• Tropical Storm when arrived in NC with 52 mph winds

Max Wind Speed: 123

1991 – Bob

- Aug 16 Aug 29
- Max Wind Speed: 115 mph
- Never made landfall in NC Reached Category 3 off of NC Coast • Hit North Carolina 8/19/91

• Category 2 at landfall with 104 mph winds and a 5 ft Storm surge

Category 3 at landfall with 115 mph winds and an 8-12 ft storm surge

Never made landfall in NC

 Affected NC 8/31/93 · Evacuation - all of Dare County

• Landfall: Cape Fear

Landfall: Cape Fear

• Reached Category 3 off of coast

• Estimated \$12 million in damages

• Landfall: Topsail Beach 7/13/96

• Evacuation – all of Dare County

· No evacuations in Dare County

• Category 3 at landfall 6-8 ft storm surge · Evacuation - all of Dare County

• Tropical Storm when reached NC

• Landfall: Dare County 9/14/99

• Estimated \$10 million in damages

Landfall: Topsail Island 9/16/99

• Tropical Storm at landfall 69 mph winds · Evacuation - all of Dare County

• Category 2 at landfall with 109 mph winds • Evacuation – all of Dare County

1993 – Emily

- Aug 22 -Sept 6
- Max Wind Speed: 115 mph

- 1996 Bertha July 5 – July 17
- Max Wind Speed: 115
- mph
- 1996 Fran Aug 23 - Sept 10
- Max wind Speed: 121
- mph
- 1998 Bonnie Aug 19 – Aug 31
- Max Wind Speed: 115 mph
- Aug 31 Sept 8

1998 – Earl

- Max Wind Speed: 98 mph
- 1999 Dennis
- Aug 24 Sept 8
- Max Wind Speed: 104 mph
- 1999 Floyd
- Sept 7 Sept 19
- Max Wind Speed: 155 mph
- 2003 Isabel
- Sept 7 Sept 29
- Max Wind Speed: 160
- mph

2004 – Alex

Aug 3

- Landfall: Drum Inlet 9/18/03
- Category 2 at landfall with 104 mph winds and 6 10 ft storm surge
- Created breech in island between Frisco and Hatteras Village
- Evacuation all of Dare County
- Estimated \$167 million in damages
- Category 2 at the time of landfall
- · Caused sound side flooding
- Most damage in the form of flooding damage to cars and homes
- Estimated \$2.4 million in damages



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2005 – Ophelia

Sept 13 - Sept 16

Max Wind Speed: 85

• Passed NC Coast as a Tropical Storm

Evacuation - Hatteras Island only

• Estimated \$19,500 in damages

2010 – Earl

Aug 25- Sept 5

2011 – Irene

Aug 20 - Aug 28

Max Wind Speed: 145 mph

• Passed 100 miles off of the NC Coast

• Evacuation - all of Hatteras Island and Ocean front of all towns

• Estimated \$500,000 in damages

Max Wind Speed: 120

nam 2012 – Sandy

Oct 25 - Oct 31 Max Wind Speed: 70

mph 2014 – Arthur

July 3 – July 4 Max Wind Speed: 101

mph

2016 - Hermine Aug 28 - Sept 3

Max Wind Speed: 73 dam

2016 – Matthew

Oct 7 - Oct 9

mph

Max Wind Speed: 94

2017 – Maria Sept 25 - Sept 27

Max Wind Speed: 75

mph

2018 - Florence Sept 12 - Sept 15

2018 – Michael

Oct 11 - Oct 12

2019 – Dorian September 6

2020 - Isaias August 3

• Landfall just south of the Outer Banks

· Evacuation all of Dare County

· Significant flooding

• Estimated Damages: \$53,975,960

Significant road damage to NC 12 in Kitty Hawk and Rodanthe

7-8 inches of rainfall

• Emergency ferry activation due to NC 12 road damage

• Estimated Damages: \$13+ million

Category 2 at landfall

• Earliest hurricane on record

· Landfall between Cape Lookout and Beaufort

· Mandatory evacuation issued for Hatteras Island

• Category 1 with tropical sustained winds

• Extensive flooding in villages on Hatteras Island

. Storm surge of 4 feet about normal tide

• Estimated storm damages: \$5.4 million

• Category I with landfall in South Carolina

· Highest Dare County wind reported at 94 mph

• NWS reported rainfall 12+ inches in Kill Devil Hills

• Estimated statewide damages: \$1.5 billion

Category 1

State of Emergency Declared

· Mandatory evacuation of visitors on Hatteras Island

· No estimate of damages available

· Category 1 at landfall near Wrightsville Beach

• Mandatory Evacuation all of Dare County

· Minimal impacts in Dare County

• Estimated statewide damages: \$17+ billion

• Category 4 at landfall near Mexico Beach, Florida

· Michael weakened to Tropical Storm and moved across inland portions of North Carolina

• Wind gusts to 74 mph were observed in Kitty Hawk.

• \$7 million in damage from 2 to 4 feet of above ground soundside flooding, biggest impacts in Manteo, Kitty Hawk, and Kill Devil Hills.

· Category 1 at landfall on Cape Hatteras

• 101 mph winds recorded at Cape Hatteras

• 4-7 feet of storm surge impacted Hatteras Island villages

Over \$14.8 million in damages across Dare County

• Category 1 at landfall near Ocean Isle Beach, NC

• 72 mph winds recorded in Avon

• 1-3 feet of storm surge in isolated locations of Dare County

• Produced a lethal EF3 tornado in nearby Bertie County



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