



NATIONAL HURRICANE CENTER and CENTRAL PACIFIC HURRICANE CENTER

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



Hurricane Dorian Public Advisory

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WTNT35 KNHC 031450
TCPAT5

BULLETIN
Hurricane Dorian Advisory Number 41
NWS National Hurricane Center Miami FL AL052019
1100 AM EDT Tue Sep 03 2019

...DORIAN FINALLY MOVING NORTHWESTWARD AND GROWING IN SIZE...
...DANGEROUS WINDS AND LIFE-THREATENING STORM SURGE CONTINUES ON
GRAND BAHAMA ISLAND...

SUMMARY OF 1100 AM EDT...1500 UTC...INFORMATION

LOCATION...27.1N 78.6W
ABOUT 45 MI...70 KM N OF FREEPORT GRAND BAHAMA ISLAND
ABOUT 105 MI...170 KM E OF FORT PIERCE FLORIDA
MAXIMUM SUSTAINED WINDS...110 MPH...175 KM/H
PRESENT MOVEMENT...NW OR 320 DEGREES AT 2 MPH...4 KM/H
MINIMUM CENTRAL PRESSURE...955 MB...28.20 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Storm Surge Warning has been extended northward to South Santee River, South Carolina.

The Storm Surge Watch has been extended northward to Cape Lookout, North Carolina.

A Hurricane Warning has been issued for the coast of South Carolina from north of Edisto Beach to the South Santee River.

A Hurricane Watch has been issued from north of South Santee River to Duck, North Carolina, including the Pamlico and Albemarle Sounds.

The Tropical Storm Warning has been extended north to Edisto Beach, South Carolina.

The Storm Surge Warning has been discontinued south of Jupiter Inlet, Florida.

The Storm Surge Watch has been discontinued south of Lantana, Florida has been discontinued.

The Hurricane Watch from Deerfield Beach to Jupiter Inlet has been discontinued.

The Tropical Storm Watch from Golden Beach to Deerfield Beach has been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...
* Jupiter Inlet FL to South Santee River SC

A Storm Surge Watch is in effect for...
* North of South Santee River SC to Cape Lookout NC

A Hurricane Warning is in effect for...
* Grand Bahama and the Abacos Islands in the northwestern Bahamas

- * Jupiter Inlet FL to Ponte Vedra Beach FL
- * North of Edisto Beach SC to South Santee River SC

A Hurricane Watch is in effect for...

- * North of Ponte Vedra Beach FL to Edisto Beach SC
- * North of South Santee River SC to Duck NC
- * Albemarle and Pamlico Sounds

A Tropical Storm Warning is in effect for...

- * North of Deerfield Beach FL to Jupiter Inlet FL
- * North of Ponte Vedra Beach FL to Edisto Beach SC

A Tropical Storm Watch is in effect for...

- * Lake Okeechobee

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, during the next 36 hours in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Hurricane Watch means that hurricane conditions are possible within the watch area. A watch is typically issued 48 hours before the anticipated first occurrence of tropical-storm-force winds, conditions that make outside preparations difficult or dangerous.

A Tropical Storm Warning means that tropical storm conditions are expected within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere along the southeast and Mid-Atlantic coasts of the United States should continue to monitor the progress of Dorian, as additional watches or warnings may be required today.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside of the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND OUTLOOK

At 1100 AM EDT (1500 UTC), the eye of Hurricane Dorian was located near latitude 27.1 North, longitude 78.6 West. Dorian is moving toward the northwest near 2 mph (4 km/h), and a slightly faster motion toward the northwest or north-northwest is expected later today and tonight. A turn toward the north is forecast by Wednesday evening, followed by a turn toward the north-northeast Thursday morning. On this track, the core of extremely dangerous Hurricane Dorian will gradually move north of Grand Bahama Island through this evening. The hurricane will then move dangerously close to the Florida east coast late today through Wednesday evening, very near the Georgia and South Carolina coasts Wednesday night and Thursday, and near or over the North Carolina coast late Thursday and Thursday night.

Data from reconnaissance aircraft indicate that the maximum sustained winds are near 110 mph (175 km/h) with higher gusts. Dorian is expected to remain a powerful hurricane during the next couple of days.

Data from aircraft and buoys indicate that the hurricane is growing in size. Hurricane-force winds extend outward up to 60 miles (95 km) from the center and tropical-storm-force winds extend outward up to 175 miles (280 km).

The latest minimum central pressure based on data from Air Force Reserve and NOAA reconnaissance aircraft is 955 mb (28.20 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm and hurricane conditions will continue on Grand Bahama Island through tonight.

Hurricane conditions are expected within the Hurricane Warning area in Florida by this evening. Hurricane conditions are possible in the Hurricane Watch area as early as Wednesday and could spread northward within the watch through Thursday.

In South Florida, tropical storm conditions are expected within the Tropical Storm Warning area through today. Along the coast of northeastern Florida and Georgia, tropical storm conditions are expected within the Tropical Storm Warning area on Wednesday.

STORM SURGE: A life-threatening storm surge will raise water levels by as much as 10 to 15 feet above normal tide levels in areas of onshore winds on Grand Bahama Island. Near the coast, the surge will be accompanied by large and destructive waves. Water levels should very slowly subside on the Abaco Islands today.

The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Flagler/Volusia County Line FL to Cape Lookout NC...4 to 7 ft
Jupiter Inlet FL to the Flagler/Volusia County Line FL...3 to 5 ft

Water levels could begin to rise well in advance of the arrival of strong winds. The surge will be accompanied by large and destructive waves. Surge-related flooding depends on how close the center of Dorian comes to the coast, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Dorian is expected to produce the following rainfall totals through Friday:

Northwestern Bahamas...Additional 2 to 4 inches, isolated storm totals over 30 inches.
Coastal Carolinas...5 to 10 inches, isolated 15 inches.
Atlantic Coast from the Florida peninsula north of West Palm Beach through Georgia...3 to 6 inches, isolated 9 inches.
Southeast Virginia...2 to 4 inches, isolated 6 inches.

This rainfall may cause life-threatening flash floods.

SURF: Large swells are affecting the northwestern Bahamas, the Florida east coast, and the coast of Georgia. These swells are expected to spread northward along much of the remainder of the southeastern United States coast during the next couple of days. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: A tornado or two are possible near the immediate east coast of Florida through tonight. This risk will shift to along the immediate coastal Georgia and the coastal Carolinas on Wednesday into Thursday.

NEXT ADVISORY

Next intermediate advisory at 200 PM EDT.
Next complete advisory at 500 PM EDT.

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Forecaster Brown

Quick Links and Additional Resources



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 MTN125 KNHC 031449
 TCMAT5
 HURRICANE DORIAN FORECAST/ADVISORY NUMBER 41
 NWS NATIONAL HURRICANE CENTER MIAMI FL AL052019
 1500 UTC TUE SEP 03 2019

CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

THE STORM SURGE WARNING HAS BEEN EXTENDED NORTHWARD TO SOUTH SANTEE RIVER SOUTH CAROLINA.

THE STORM SURGE WATCH HAS BEEN EXTENDED NORTHWARD TO CAPE LOOKOUT NORTH CAROLINA.

A HURRICANE WARNING HAS BEEN ISSUED FOR THE COAST OF SOUTH CAROLINA FROM NORTH OF EDISTO BEACH TO THE SOUTH SANTEE RIVER.

A HURRICANE WATCH HAS BEEN ISSUED FROM NORTH OF SOUTH SANTEE RIVER TO DUCK NORTH CAROLINA INCLUDING THE PAMLICO AND ALBEMARLE SOUNDS.

THE TROPICAL STORM WARNING HAS BEEN EXTENDED NORTH TO EDISTO BEACH SOUTH CAROLINA.

THE STORM SURGE WARNING HAS BEEN DISCONTINUED SOUTH OF JUPITER INLET FLORIDA.

THE STORM SURGE WATCH HAS BEEN DISCONTINUED SOUTH OF LANTANA FLORIDA HAS BEEN DISCONTINUED.

THE HURRICANE WATCH FROM DEERFIELD BEACH TO JUPITER INLET HAS BEEN DISCONTINUED.

THE TROPICAL STORM WATCH FROM GOLDEN BEACH TO DEERFIELD BEACH HAS BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A STORM SURGE WARNING IS IN EFFECT FOR...
 * JUPITER INLET FL TO SOUTH SANTEE RIVER SC
 A STORM SURGE WATCH IS IN EFFECT FOR...
 * NORTH OF SOUTH SANTEE RIVER SC TO CAPE LOOKOUT NC

A HURRICANE WARNING IS IN EFFECT FOR...
 * GRAND BAHAMA AND THE ABACOS ISLANDS IN THE NORTHWESTERN BAHAMAS
 * JUPITER INLET FL TO PONTE VEDRA BEACH FL
 * NORTH OF EDISTO BEACH SC TO SOUTH SANTEE RIVER SC

A HURRICANE WATCH IS IN EFFECT FOR...
 * NORTH OF PONTE VEDRA BEACH FL TO EDISTO BEACH SC
 * NORTH OF SOUTH SANTEE RIVER SC TO DUCK NC
 * ALBEMARLE AND PAMLICO SOUNDS

A TROPICAL STORM WARNING IS IN EFFECT FOR...
 * NORTH OF DEERFIELD BEACH FL TO JUPITER INLET FL
 * NORTH OF PONTE VEDRA BEACH FL TO EDISTO BEACH SC

A TROPICAL STORM WATCH IS IN EFFECT FOR...
 * LAKE OKEECHOBEE

A STORM SURGE WARNING MEANS THERE IS A DANGER OF LIFE-THREATENING INUNDATION...FROM RISING WATER MOVING INLAND FROM THE COASTLINE...DURING THE NEXT 36 HOURS IN THE INDICATED LOCATIONS. FOR

A DEPICTION OF AREAS AT RISK...PLEASE SEE THE NATIONAL WEATHER SERVICE STORM SURGE WATCH/WARNING GRAPHIC...AVAILABLE AT HURRICANES.GOV. THIS IS A LIFE-THREATENING SITUATION. PERSONS LOCATED WITHIN THESE AREAS SHOULD TAKE ALL NECESSARY ACTIONS TO PROTECT LIFE AND PROPERTY FROM RISING WATER AND THE POTENTIAL FOR OTHER DANGEROUS CONDITIONS. PROMPTLY FOLLOW EVACUATION AND OTHER INSTRUCTIONS FROM LOCAL OFFICIALS.

A STORM SURGE WATCH MEANS THERE IS A POSSIBILITY OF LIFE-THREATENING INUNDATION...FROM RISING WATER MOVING INLAND FROM THE COASTLINE...IN THE INDICATED LOCATIONS DURING THE NEXT 48 HOURS.

A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA. A WATCH IS TYPICALLY ISSUED 48 HOURS BEFORE THE ANTICIPATED FIRST OCCURRENCE OF TROPICAL-STORM-FORCE WINDS...CONDITIONS THAT MAKE OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

INTERESTS ELSEWHERE ALONG THE SOUTHEAST AND MID-ATLANTIC COASTS OF THE UNITED STATES SHOULD CONTINUE TO MONITOR THE PROGRESS OF DORIAN...AS ADDITIONAL WATCHES OR WARNINGS MAY BE REQUIRED TODAY.

HURRICANE CENTER LOCATED NEAR 27.1N 78.6W AT 03/1500Z
POSITION ACCURATE WITHIN 15 NM

PRESENT MOVEMENT TOWARD THE NORTHWEST OR 320 DEGREES AT 2 KT

ESTIMATED MINIMUM CENTRAL PRESSURE 955 MB
EYE DIAMETER 30 NM
MAX SUSTAINED WINDS 95 KT WITH GUSTS TO 115 KT.
64 KT..... 50NE 40SE 25SW 40NW.
50 KT..... 80NE 80SE 50SW 70NW.
34 KT.....150NE 130SE 90SW 130NW.
12 FT SEAS..180NE 120SE 100SW 270NW.
WINDS AND SEAS VARY GREATLY IN EACH QUADRANT. RADII IN NAUTICAL MILES ARE THE LARGEST RADII EXPECTED ANYWHERE IN THAT QUADRANT.

REPEAT...CENTER LOCATED NEAR 27.1N 78.6W AT 03/1500Z
AT 03/1200Z CENTER WAS LOCATED NEAR 27.1N 78.4W

FORECAST VALID 04/0000Z 27.9N 79.0W
MAX WIND 95 KT...GUSTS 115 KT.
64 KT... 50NE 40SE 30SW 40NW.
50 KT... 80NE 80SE 50SW 70NW.
34 KT...150NE 140SE 90SW 130NW.

FORECAST VALID 04/1200Z 29.2N 79.4W
MAX WIND 95 KT...GUSTS 115 KT.
64 KT... 50NE 45SE 30SW 45NW.
50 KT... 80NE 80SE 60SW 70NW.
34 KT...150NE 150SE 90SW 130NW.

FORECAST VALID 05/0000Z 30.7N 79.8W
MAX WIND 95 KT...GUSTS 115 KT.
64 KT... 50NE 50SE 35SW 45NW.
50 KT... 80NE 80SE 60SW 70NW.
34 KT...160NE 160SE 90SW 120NW.

FORECAST VALID 05/1200Z 32.1N 79.2W
MAX WIND 95 KT...GUSTS 115 KT.
64 KT... 50NE 50SE 35SW 45NW.
50 KT... 80NE 80SE 60SW 70NW.
34 KT...160NE 160SE 100SW 100NW.

FORECAST VALID 06/1200Z 35.3N 75.0W
MAX WIND 85 KT...GUSTS 105 KT.
50 KT... 80NE 80SE 60SW 70NW.
34 KT...180NE 180SE 140SW 120NW.

EXTENDED OUTLOOK. NOTE...ERRORS FOR TRACK HAVE AVERAGED NEAR 150 NM ON DAY 4 AND 175 NM ON DAY 5...AND FOR INTENSITY NEAR 15 KT EACH DAY

OUTLOOK VALID 07/1200Z 40.5N 66.5W



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WTNT45 KNHC 031451
TCDAT5

Hurricane Dorian Discussion Number 41
NWS National Hurricane Center Miami FL AL052019
1100 AM EDT Tue Sep 03 2019

Recent radar and aircraft data show that Dorian has finally begun to move northwestward, but dangerous winds and life-threatening storm surge will continue over Grand Bahama Island for much of today. The eye has become cloud filled in infrared and visible satellite imagery. While aircraft and radar data indicate that the eye has increased in size, it is also a bit more ragged. Recent reports from reconnaissance aircraft and data buoys indicate that overall wind field of the hurricane is slowly expanding, while the peak winds have come down a little more. The latest reports from the aircraft support an initial intensity of 95 kt. As Dorian moves near the east coast of Florida during the next day or two, little overall change in intensity is anticipated. After that time, increasing shear should result in a gradual decrease in the peak wind speed while the hurricane gains latitude and grows in size. The official forecast is in good agreement with the intensity consensus models.

The initial motion estimate is 320/2 kt. A shortwave trough moving into the Great Lakes region is forecast by the global models to amplify a deep-layer trough along the east coast of the United States on Wednesday. This should allow Dorian to begin moving slightly faster toward the north-northwest during the next 36 hours, followed by a northward and then northeastward motion near or over the coasts of South and North Carolina. After moving offshore of the Outer Banks, Dorian should get caught in the mid-latitude westerlies and accelerate northeastward. The NHC track is along the western edge of the interpolated track models through 36 hours, closer to what is depicted in the various global fields. After that time, the official forecast is near a blend of the faster GFS and slower ECMWF models.

Although the official forecast does not show Dorian making landfall along the Florida east coast, the increasing size of Dorian's wind field along with any deviation to the left of the forecast track will bring hurricane-force winds onshore along portions of the Florida east coast.

The new forecast has necessitated numerous changes to watches and warnings along the southeastern United States coast.

Key Messages:

1. Dangerous winds and storm surge will continue to affect Grand Bahama Island for several more hours. Everyone there should remain in shelter.
2. Life-threatening storm surge and dangerous winds are expected along portions of the Florida east coast and the coasts of Georgia and South Carolina, regardless of the exact track of Dorian's center. Water levels could begin to rise well in advance of the arrival of strong winds. Residents in these areas should follow advice given by local emergency officials.
3. The risk of life-threatening storm surge and hurricane-force winds continues to increase along the coast of North Carolina. Residents in these areas should follow advice given by local emergency officials.

Hurricane Dorian Wind Speed Probabilities

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 FONT15 KNHC 031451
 PMSAT5
 HURRICANE DORIAN WIND SPEED PROBABILITIES NUMBER 41
 NWS NATIONAL HURRICANE CENTER MIAMI FL AL052019
 1500 UTC TUE SEP 03 2019
 AT 1500Z THE CENTER OF HURRICANE DORIAN WAS LOCATED NEAR LATITUDE
 27.1 NORTH...LONGITUDE 78.6 WEST WITH MAXIMUM SUSTAINED WINDS NEAR
 95 KTS...110 MPH...175 KM/H.

Z INDICATES COORDINATED UNIVERSAL TIME (GREENWICH)
 ATLANTIC STANDARD TIME (AST)...SUBTRACT 4 HOURS FROM Z TIME
 EASTERN DAYLIGHT TIME (EDT)...SUBTRACT 4 HOURS FROM Z TIME
 CENTRAL DAYLIGHT TIME (CDT)...SUBTRACT 5 HOURS FROM Z TIME
 WIND SPEED PROBABILITY TABLE FOR SPECIFIC LOCATIONS
 CHANCES OF SUSTAINED (1-MINUTE AVERAGE) WIND SPEEDS OF AT LEAST
 ...34 KT (39 MPH)... 63 KM/H)...
 ...50 KT (58 MPH)... 93 KM/H)...
 ...64 KT (74 MPH)...119 KM/H)...

FOR LOCATIONS AND TIME PERIODS DURING THE NEXT 5 DAYS
 PROBABILITY FOR LOCATIONS ARE GIVEN AS OP(CP) WHERE
 OP IS THE PROBABILITY OF THE EVENT BEGINNING DURING
 AN INDIVIDUAL TIME PERIOD (ONSET PROBABILITY)
 (CP) IS THE PROBABILITY OF THE EVENT OCCURRING BETWEEN
 12Z TUE AND THE FORECAST HOUR (CUMULATIVE PROBABILITY)

PROBABILITY ARE GIVEN IN PERCENT
 X INDICATES PROBABILITIES LESS THAN 1 PERCENT
 PROBABILITY FOR 34 KT AND 50 KT ARE SHOWN AT A GIVEN LOCATION WHEN
 THE 5-DAY CUMULATIVE PROBABILITY IS AT LEAST 3 PERCENT.
 PROBABILITIES FOR 34...50...64 KT SHOWN WHEN THE 5-DAY
 64-KT CUMULATIVE PROBABILITY IS AT LEAST 1 PERCENT.

- - - - WIND SPEED PROBABILITIES FOR SELECTED LOCATIONS - - - -

| TIME | PERIODS | FORECAST HOUR | LOCATION |
|---------|---------|---------------|----------|
| FROM | TO | | KT |
| 12Z TUE | 00Z WED | (12) | |
| 00Z WED | 00Z THU | (24) | |
| 00Z THU | 00Z FRI | (36) | |
| 00Z FRI | 00Z SAT | (48) | |
| 00Z SAT | 00Z SUN | (72) | |
| 00Z SUN | 00Z MON | (96) | |
| 00Z MON | 00Z TUE | (120) | |

| | | | | | | | | | | | | | | | | |
|----------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|----|------|
| HIBERNIA OILFD | 34 | X | X | X | X | X | X | X | X | X | X | X | X | X | 5 | (5) |
| CAPE RACE NFLD | 34 | X | X | X | X | X | X | X | X | X | X | X | X | X | 28 | (28) |
| CAPE RACE NFLD | 50 | X | X | X | X | X | X | X | X | X | X | X | X | X | 5 | (5) |
| CAPE RACE NFLD | 64 | X | X | X | X | X | X | X | X | X | X | X | X | X | 1 | (1) |
| ILE ST PIERRE | 34 | X | X | X | X | X | X | X | X | X | X | X | X | X | 58 | (58) |
| ILE ST PIERRE | 50 | X | X | X | X | X | X | X | X | X | X | X | X | X | 23 | (23) |
| ILE ST PIERRE | 64 | X | X | X | X | X | X | X | X | X | X | X | X | X | 7 | (7) |
| BURGOE NFLD | 34 | X | X | X | X | X | X | X | X | X | X | X | X | X | 67 | (67) |
| BURGOE NFLD | 50 | X | X | X | X | X | X | X | X | X | X | X | X | X | 32 | (32) |
| BURGOE NFLD | 64 | X | X | X | X | X | X | X | X | X | X | X | X | X | 11 | (11) |
| PTX BASQUES | 34 | X | X | X | X | X | X | X | X | X | X | X | X | X | 65 | (65) |



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Wind Speed Probabilities



Arrival Time of Winds



Wind History



Warnings/Cone Interactive Map



Warnings/Cone Static Images



Warnings and Surface Wind



Key Messages



Storm Surge Inundation



Storm Surge Watch/Warning



U.S. Rainfall Potential



Flash Flooding Potential



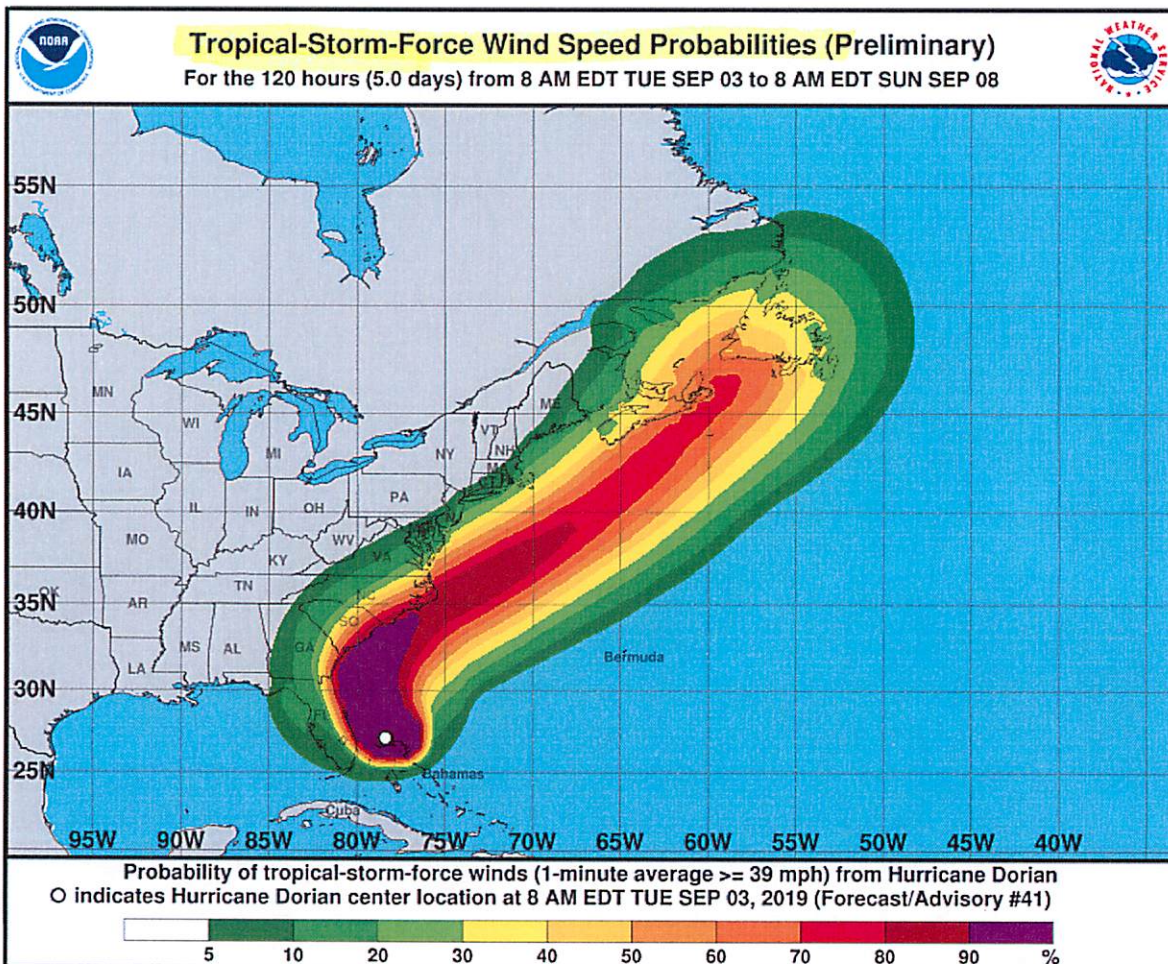
Hurricane Wind Speed Probability
0 12 24 36 48 60 72 84 96 108 120 hours Loop



50-knot Wind Speed Probability
0 12 24 36 48 60 72 84 96 108 120 hours Loop



Tropical Storm Wind Speed Probability
0 12 24 36 48 60 72 84 96 108 120 hours Loop



[Click Here for a Printer Friendly Graphic](#)

Download 120-h GIS data: 5 km .shp 0.5 degree .shp



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Wind Speed Probabilities



Arrival Time of Winds



Wind History



Warnings/Cone Interactive Map



Warnings/Cone Static Images



Warnings and Surface Wind



Key Messages



Storm Surge Inundation



Storm Surge Watch/Warning



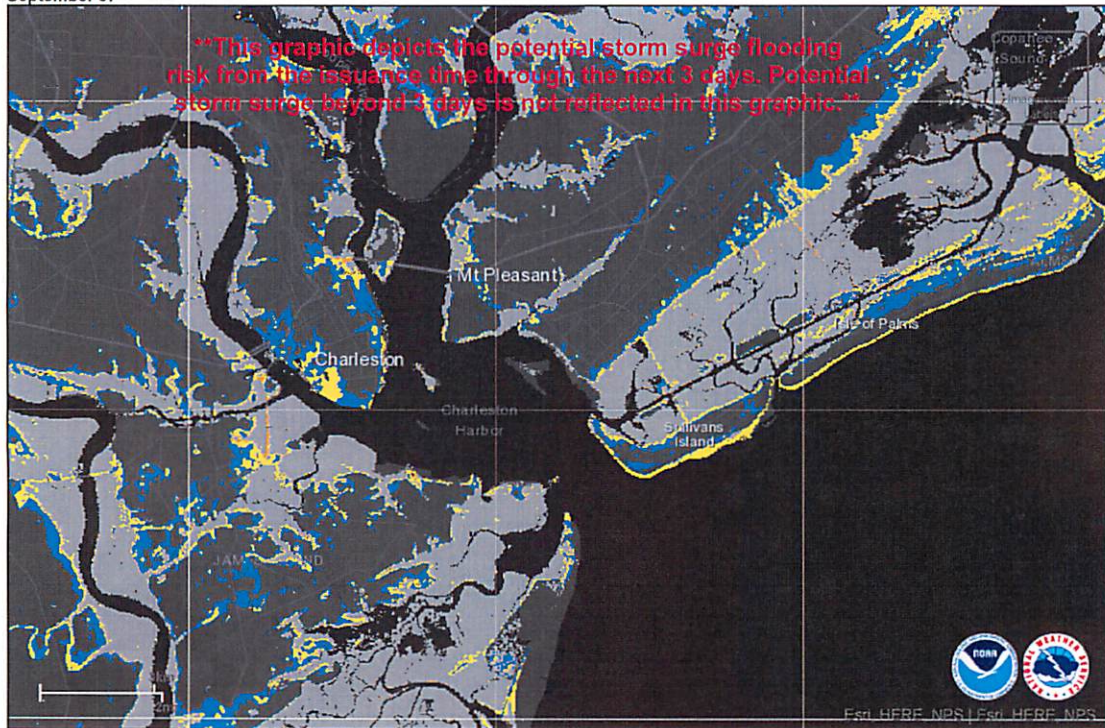
U.S. Rainfall Potential



Flash Flooding Potential

Potential Storm Surge Flooding Map (Inundation)

NHC Potential Storm Surge Flooding Map
Hurricane DORIAN (2019) Advisory 40
From 05 AM EDT Tuesday September 03 to 08 AM EDT Saturday September 07



Potential Storm Surge Flooding*

- Intertidal Zone/Estuarine Wetland
- Greater than 1 foot above ground
- Greater than 3 feet above ground
- Greater than 6 feet above ground
- Greater than 9 feet above ground

Map Layer Options:

Inundation Layer Only Inundation with Intertidal Layer

Map Opacity Slider

[Download GIS data \(Instructions\)](#)

[Inundation Layer Only](#)

[Inundation with Intertidal Layer](#)

*Displayed flooding values indicate the water height that has about a 1-in-10 (10%) chance of being exceeded.