



**BAHAMAS DEPARTMENT OF METEOROLOGY**

Forecast Office Section

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**ALERT #30 ON HURRICANE DORIAN ISSUED BY THE BAHAMAS  
DEPARTMENT OF METEOROLOGY SUNDAY, 1<sup>ST</sup> SEPTEMBER 2019 AT  
NOON EDT.**

... DORIAN BECOMES THE STRONGEST HURRICANE IN MODERN  
RECORDS FOR THE NORTHWEST BAHAMAS.....

...CATASTROPHIC CONDITIONS ARE NOW OCCURRING IN THE ABACOS...

**A HURRICANE WARNING REMAINS IN EFFECT FOR PORTIONS OF  
THE NORTHWEST BAHAMAS WHICH INCLUDES: NORTH ELEUTHERA,  
ABACO, GRAND BAHAMA, BIMINI, THE BERRY ISLANDS, AND NEW  
PROVIDENCE.**

A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE  
BEING EXPERIENCED OR COULD BE EXPERIENCED IN THE MENTIONED  
ISLANDS WITHIN 36 HOURS.

**A HURRICANE WATCH REMAINS IN EFFECT FOR NORTH ANDROS.**

A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS COULD  
AFFECT THE MENTIONED ISLAND WITHIN 48 HOURS.

**AT 11AM EDT, THE EXTREMELY DISTINCT EYE OF HURRICANE  
DORIAN WAS LOCATED NEAR LATITUDE 26.5 DEGREES NORTH AND  
LONGITUDE 76.8 DEGREES WEST OR ABOUT 19 MILES EAST OF  
MARSH HARBOUR, ABACO; 68 MILES NORTH OF NORTH ELEUTHERA;  
64 MILES EAST- SOUTHEAST OF EAST END, GRAND BAHAMA; AND 105  
MILES NORTH-NORTHEAST OF NEW PROVIDENCE.**

HURRICANE DORIAN IS MOVING TOWARD THE WEST AT NEAR 7 MPH  
AND A SLOWER WESTWARD MOTION IS FORECAST FOR THE NEXT DAY  
OR TWO, FOLLOWED BY A GRADUAL TURN TOWARD THE NORTHWEST  
ON THIS TRACK. THE CORE OF EXTREMELY DANGEROUS DORIAN WILL  
CONTINUE TO MOVE OVER THE MARSH HARBOUR ABACO AREA THIS  
AFTERNOON AND OVER EASTERN GRAND BAHAMA LATER TONIGHT  
AND MONDAY.

**MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 180 MILES  
PER HOUR WITH HIGHER GUSTS. DORIAN IS AN EXTREMELY  
DANGEROUS CATEGORY 5 HURRICANE ON THE SAFFIR-SIMPSON  
HURRICANE WIND SCALE. SOME FLUCTUATIONS IN INTENSITY ARE  
LIKELY, BUT DORIAN IS EXPECTED TO REMAIN A POWERFUL  
HURRICANE DURING THE NEXT FEW DAYS.**

DORIAN HAS GROWN LARGER IN SIZE. HURRICANE FORCE WINDS  
EXTEND OUTWARD UP TO 45 MILES FROM THE CENTER AND TROPICAL

STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES FROM THE CENTER. HAM RADIO REPORTS INDICATE THAT HOPE TOWN IN THE ABACOS JUST REPORTED WINDS GUST TO 100 MPH.

THE BAHAMAS DEPARTMENT OF METEOROLOGY DOPPLER WEATHER RADARS IN NEW PROVIDENCE AND MARSH HARBOUR ABACO, AND EMERGENCY MANAGEMENT HURRICANE MODELS INDICATE THAT CATASTROPHIC HURRICANE CONDITIONS ARE OCCURRING IN THE ABACOS AND WILL SPREAD ACROSS GRAND BAHAMA ISLAND LATER TODAY AND TONIGHT. MEANWHILE, RESIDENTS IN NORTH ELEUTHERA WILL CONTINUE TO EXPERIENCE TROPICAL STORM FORCE WINDS WITH SEVERE SHOWER ACTIVITY THIS AFTERNOON AND INTO TONIGHT. RESIDENTS IN THE BERRY ISLANDS WILL EXPERIENCE TROPICAL STORM FORCE WINDS WITH SEVERE SHOWER ACTIVITY TONIGHT. RESIDENTS IN NEW PROVIDENCE WILL ALSO CONTINUE TO EXPERIENCE OCCASIONAL SEVERE SHOWER ACTIVITY WITH GUSTY WINDS FOR THE REMAINDER OF THIS AFTERNOON AND TONIGHT.

THE EYE OF DORIAN WILL PASS OVER **ABACO** BETWEEN **MARSH HARBOUR** AND **TREASURE CAY** THIS AFTERNOON AND THEN MOVE OVER **EASTERN GRAND BAHAMA** TONIGHT. ***RESIDENTS IN THESE AREAS SHOULD NOT BE DECEIVED BY THE LULL IN THE WINDS AS THE EYE PASSES BUT REMAIN INDOORS AND PREPARE FOR THE SECOND PHASE OF THE HURRICANE.***

SINCE DORIAN IS EXPECTED TO SLOW DOWN AS IT NEARS THE NORTHWEST BAHAMAS, A LIFE THREATENING STORM SURGE WILL RAISE WATER LEVEL BY AS MUCH AS 18 TO 23 FEET ABOVE NORMAL TIDE LEVELS ALONG THE **EASTERN, NORTHERN AND WESTERN SHORES OF ABACO** TODAY AND THE **NORTHERN AND SOUTHERN SHORES OF GRAND BAHAMA** TONIGHT THROUGH TUESDAY.

DORIAN IS EXPECTED TO PRODUCE 12 TO 24 INCHES ACROSS THE NORTHWEST BAHAMAS WITH ISOLATED AMOUNTS UP TO 30 INCHES. IN THE CENTRAL BAHAMAS RAINFALL AMOUNTS OF 2 TO 4 INCHES WILL OCCUR WITH ISOLATED AMOUNTS TO 6 INCHES.

***MARINERS ARE ADVISED TO REMAIN IN PORT AS LARGE TO DANGEROUS SWELLS ARE LIKELY.***

THE NEXT ALERT ON HURRICANE DORIAN WILL BE ISSUED AT 3PM EDT SUNDAY, 1<sup>ST</sup> SEPTEMBER 2019.

PREPARED BY: JEFFREY SIMMONS

