



BAHAMAS DEPARTMENT OF METEOROLOGY

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**ALERT #31 ON HURRICANE DORIAN ISSUED BY THE BAHAMAS
DEPARTMENT OF METEOROLOGY SUNDAY, 1ST SEPTEMBER 2019 AT
3PM EDT.**

... EYE OF CATASTROPHIC HURRICANE DORIAN IS OVER THE MARSH
HARBOUR AREA...

...HURRICANE DORIAN IS NOW HEADED TOWARD EAST GRAND
BAHAMA WITH ALL ITS FURY...

**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 2PM EDT, THE EXTREMELY DISTINCT EYE OF HURRICANE
DORIAN WAS LOCATED NEAR LATITUDE 26.5 DEGREES NORTH AND
LONGITUDE 77.1 DEGREES WEST. THIS POSITION PUTS THE EYE OF
DORIAN OVER THE MARSH HARBOUR ABACO AREA OR ABOUT 46
MILES EAST OF EAST END, GRAND BAHAMA AND 100 MILES NORTH-
NORTHEAST OF NEW PROVIDENCE.**

HURRICANE DORIAN IS MOVING TOWARD THE WEST AT 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 185 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.**

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.

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 CAN BE EXPECTED 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 6PM EDT SUNDAY, 1ST SEPTEMBER 2019.

PREPARED BY: JEFFREY SIMMONS

