



BAHAMAS DEPARTMENT OF METEOROLOGY

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ALERT #33 ON HURRICANE DORIAN ISSUED BY THE BAHAMAS DEPARTMENT OF METEOROLOGY SUNDAY, 1ST SEPTEMBER 2019 AT 9PM EDT.

... CATASTROPHIC CATEGORY 5 HURRICANE DORIAN IS POUNDING GREAT ABACO AND GRAND BAHAMA ISLANDS..

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 8PM EDT, THE EXTREMELY DISTINCT EYE OF HURRICANE DORIAN WAS LOCATED NEAR LATITUDE 26.6 DEGREES NORTH AND LONGITUDE 77.6 DEGREES WEST. THIS POSITION PUTS THE EYE 70 MILES EAST OF FREEPORT GRAND BAHAMA, AND JUST WEST OF MARSH HARBOUR ABACO OR ABOUT 16 MILES EAST OF EAST END, GRAND BAHAMA; AND 107 MILES NORTH OF NEW PROVIDENCE.

HURRICANE DORIAN IS MOVING TOWARD THE WEST NEAR 5 MPH. A SLOWER WESTWARD TO WEST-NORTHWESTWARD MOTION FOR THE NEXT DAY OR TWO, FOLLOWED BY A GRADUAL TURN TOWARD THE NORTHWEST IS FORECASTED. ON THIS TRACK, THE CORE OF EXTREMELY DANGEROUS DORIAN WILL CONTINUE TO POUND GREAT ABACO AND GRAND BAHAMA ISLAND TONIGHT AND MONDAY.

MAXIMUM SUSTAINED WINDS ARE 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 CATASTROPHIC 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'S 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 CONTINUE THIS EVENING AND BEGIN SUBSIDING TONIGHT. CATASTROPHIC HURRICANE CONDITIONS WILL SPREAD ACROSS GRAND BAHAMA TONIGHT AND MONDAY. MEANWHILE, RESIDENTS IN NORTH ELEUTHERA WILL CONTINUE TO EXPERIENCE TROPICAL STORM FORCE WINDS WITH SEVERE SHOWER ACTIVITY THIS EVENING AND INTO TONIGHT. RESIDENTS IN THE BERRY ISLANDS WILL EXPERIENCE TROPICAL STORM FORCE WINDS WITH SEVERE SHOWER ACTIVITY TONIGHT. RESIDENTS IN NEW PROVIDENCE AND NORTH ANDROS WILL ALSO CONTINUE TO EXPERIENCE OCCASIONAL SEVERE SHOWER ACTIVITY WITH GUSTY WINDS FOR THE REMAINDER OF THIS EVENING AND TONIGHT.

THE EYE OF DORIAN IS NOW JUST WEST OF THE MARSH HARBOUR ABACO AREA AND IS NOW HEADED FOR 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 LEVELS BY AS MUCH AS 18 TO 23 FEET ABOVE NORMAL TIDE LEVELS ALONG THE **EASTERN, NORTHERN AND WESTERN SHORES OF ABACO** 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 12AM EDT MONDAY, 2ND SEPTEMBER 2019.

PREPARED BY: MICHAEL STUBBS

