



BAHAMAS DEPARTMENT OF METEOROLOGY

Forecast Office Section

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ALERT #49 ON HURRICANE DORIAN ISSUED BY THE BAHAMAS DEPARTMENT OF METEOROLOGY AT 9 PM EDT, TUESDAY, 3RD SEPTEMBER 2019.

... HURRICANE DORIAN NOW LASHING THE CENTRAL COAST OF EAST FLORIDA AS IT CONTINUES TO MOVE AWAY FROM GRAND BAHAMA...

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR PORTIONS OF THE NORTHWEST BAHAMAS WHICH INCLUDES: ABACO, GRAND BAHAMA, BIMINI, AND THE BERRY ISLANDS.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE BEING EXPERIENCED OR COULD BE EXPERIENCED IN THE MENTIONED ISLANDS WITHIN 48 HOURS.

AT 8 PM EDT, THE EYE OF HURRICANE DORIAN WAS LOCATED NEAR LATITUDE 28.1 DEGREES NORTH AND LONGITUDE 78.8 DEGREES WEST. THIS POSITION PUTS THE EYE OF DORIAN ABOUT 112 MILES NORTH OF FREEPORT, GRAND BAHAMA OR 232 MILES NORTH-NORTHWEST OF NEW PROVIDENCE.

DORIAN IS MOVING TOWARD THE NORTHWEST AT ABOUT 6 MILES-PER-HOUR AND A SLIGHTLY FASTER MOTION TOWARD THE NORTHWEST OR NORTH-NORTHWEST IS EXPECTED 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 CONTINUE TO GRADUALLY MOVE NORTH OF GRAND BAHAMA ISLAND THROUGH TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 110 MILES PER HOUR WITH HIGHER GUSTS. DORIAN IS EXPECTED TO REMAIN A POWERFUL HURRICANE DURING THE NEXT FEW DAYS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 60 MILES FROM THE CENTER, AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES FROM THE CENTER.

THE BAHAMAS DEPARTMENT OF METEOROLOGY'S DOPPLER WEATHER RADAR IN NEW PROVIDENCE AND EMERGENCY MANAGEMENT HURRICANE MODELS INDICATE THAT TROPICAL STORM CONDITIONS WILL CONTINUE IN GRAND BAHAMA, ABACO, BERRY ISLANDS, AND BIMINI TONIGHT. STRONG FEEDER BANDS WILL CONTINUE TO IMPACT THE REMAINDER OF THE NORTHWEST AND CENTRAL BAHAMAS, INCLUDING NEW PROVIDENCE, ANDROS, ELEUTHERA, EXUMA, CAT ISLAND, RUM CAY SAN SALVADOR AND LONG ISLAND. WITHIN THESE FEEDER BANDS, THERE WILL BE HEAVY SHOWERS AND THUNDERSTORMS WITH THE POSSIBILITY OF TORNADIC ACTIVITY.

WATER LEVELS SHOULD SLOWLY SUBSIDE ON GRAND BAHAMA ISLAND AND ABACO THROUGH TONIGHT. NEAR THE COAST, THE SURGE WILL BE ACCOMPANIED BY LARGE AND DESTRUCTIVE WAVES.

DORIAN IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 2 TO 4 INCHES ACROSS THE NORTHWEST BAHAMAS WITH ISOLATED AMOUNTS UP TO 30 INCHES; RAINFALL AMOUNTS IN THE CENTRAL BAHAMAS IS EXPECTED TO RANGE FROM 1 TO 3 INCHES, WITH ISOLATED AMOUNTS TO 6 INCHES. FLOODING CONDITIONS HAVE BEEN REPORTED IN SEVERAL AREAS ON THE ISLANDS OF NEW PROVIDENCE, ELEUTHERA, ANDROS, EXUMA, CAT ISLAND, AND LONG ISLAND.

MARINERS ARE ADVISED TO REMAIN IN PORT AS LARGE TO DANGEROUS SWELLS ARE AFFECTING THE NORTHWESTERN BAHAMAS.

THE NEXT ALERT ON HURRICANE DORIAN WILL BE ISSUED AT 12:00 AM, WEDNESDAY 4TH SEPTEMBER 2019.

PREPARED BY: JEFFREY SIMMONS

