Emergency Response Coordination Centre (ERCC) – DG ECHO Daily map | 21/09/2017

Caribbean | Tropical Cyclone MARIA

European Commission | Humanitarian Aid and Civil Protection

Situation overview

10 people dead

Thousands houses damaged

Source: COGIC, Media

MARIA

GDACS RED ALERT

ATLANTIC OCEAN

23 Sep., 06.00 UTC
185 km/h sust. Winds

22 Sep., 18.00 UTC
194 km/h sust. Winds

22 Sep., 06.00 UTC
204 km/h sust. Winds

21 Sep., 18.00 UTC
194 km/h sust. Winds

21 Sep., 09.00 UTC
185 km/h sust. Winds

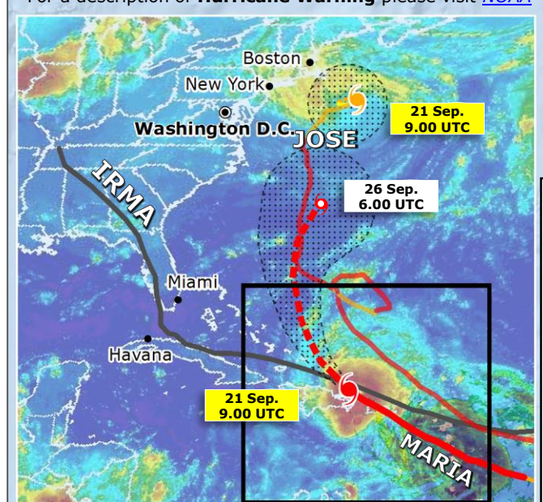
20 Sep., 15.00 UTC
222 km/h sust. Winds

20 Sep., 03.00 UTC
278 km/h sust. Winds

19 Sep., 00.00 UTC
259 km/h sust. Winds

THE BAHAMAS
TURKS AND CAICOS ISLANDS (UK)
Grand Turk
CUBA
Guantanamo
HAITI
Port-au-Prince
Santiago
DOMINICAN REPUBLIC
Santo Domingo
San Pedro de Macoris
Arecibo
Mayaguez
San Juan
Ponce
PUERTO RICO (USA)
BRITISH VIRGIN ISLANDS
Charlotte Amalie
Road Town
US VIRGIN ISLANDS
Christiansted
ANGUILLA (UK)
The Valley
ST. MARTIN (FR)
ST. MAARTEN (NL)
ST. BARTHELEMY (FR)
SABA (NL)
ST. EUSTATIUS (NL)
Basseterre
ST. KITTS AND NEVIS
ANTIGUA AND BARBUDA
Saint John's
Leeward Islands
MONTSERRAT (UK)
Plymouth
GUADELOUPE (FR)
Basse-Terre
DOMINICA
Roseau
MARTINIQUE (FR)
Fort-de-France
ST. LUCIA
Castries
Kingstown
BARBADOS
Bridgetown
SAINT VINCENT AND THE GRENADINES
GRENADA
Saint George's
Caribbean Sea

* For a description of **Hurricane Warning** please visit NOAA



TROPICAL CYCLONE
- Observed position
- Forecast position

TROPICAL CYCLONE INTENSITY
- < 63 km/h
- 63 - 118 km/h
- > 118 km/h
- Category Hurricane

STORM SURGE
JRC Calculations
- < 1 m
- 1-1.5 m

WIND BUFFER
- > 118 km/h
- 93-118 km/h
- 63-92 km/h
- Area of track uncertainty

NOAA GOES-EAST RAINBOW IR
NOAA, as of 21 Sep. 8.45 UTC
0 -10 -20 -40 -50 -70 °C

NOAA-NHC, as of 21 Sep. 12.00 UTC
HURRICANE WARNINGS*

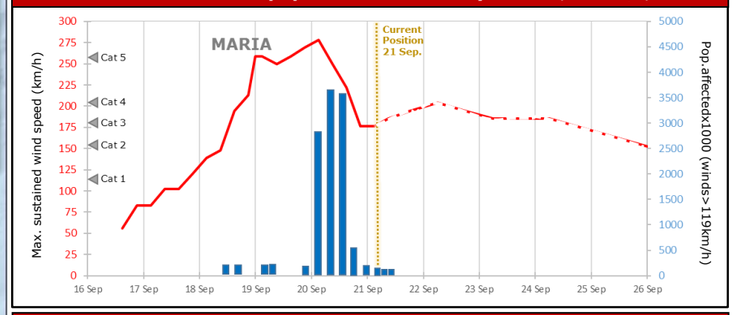
COPERNICUS EMS activation (EMSR243 © 2017 EU) Area of Interest

People dead

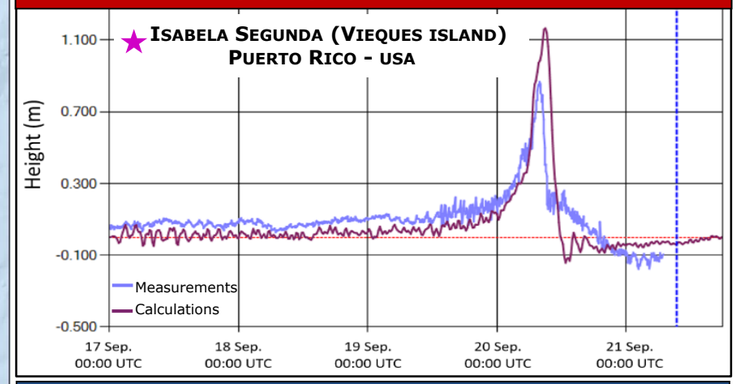
Houses destroyed

0 200 Km

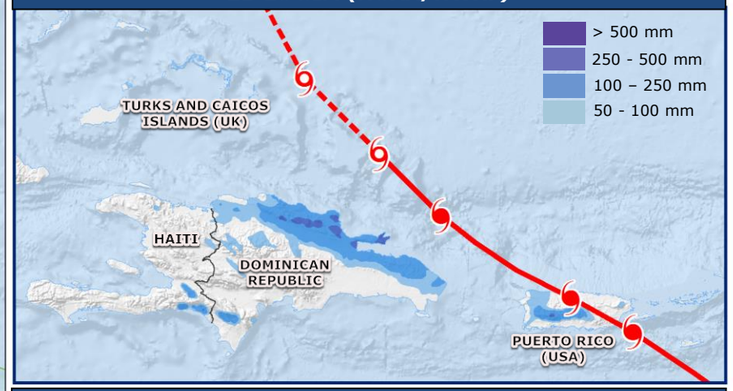
EVENT TIMELINE: population affected by winds (>119km/h)



STORM SURGE MEASUREMENT



RAINFALL FORECAST 21-26 SEP. *(NOAA/HWRF)*



RAINFALL ACCUMULATION 14-20 SEP. *(NASA/GPM)*

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