

Severe Weather Advisory for the Caribbean - Hurricane Jose

Issued on Monday, 11th September 2017 at 05:25 local time.

Headline

Category 3 Hurricane Jose is beginning to gradually weaken as it continues to move northwest. Jose is now well away from the Northern Leeward Islands, with no associated Tropical Storm or Hurricane watches in force.

Some uncertainty as to the evolution for Hurricane Jose later this week, with a risk that Jose moves towards the Turks & Caicos and the Bahamas from Thursday.

Discussion

Hurricane Jose continues to weaken, with maximum sustained winds of 100KT (115mph) but remains a Category 3 hurricane. Jose was located around 245 miles NE of Grand Turk Island at 11/0300UTC. Jose is continuing to move NW at 14 mph taking the core of the storm further across the Western Atlantic. Jose is expected to slow down and gradually weaken while moving northwesterly across the Western Atlantic, then turn more northerly through Monday.

Imagery now shows that the “eye” of Jose is now absent. This consistent with the hurricane beginning to weaken and with the latest Guidance from the National Hurricane Centre. Jose is expected to gradually weaken to a Category 2 Hurricane through the next 6-12 hours. Jose is expected to start a slow clockwise loop through Tuesday and Wednesday over the open ocean, whilst continuing to weaken. The global models remain in very good agreement for this evolution and there is a high degree of confidence until Wednesday when the models start to diverge.

From Wednesday there is a considerable amount of uncertainty in the forecast, with the official track from the National Hurricane Centre keeps Jose across the open water as a Category 1 Hurricane in the next 5 days. However other models track Jose towards the Turks and Caicos Islands and some of the eastern Bahamas by the end of this week. The majority of the model output follows the official Guidance, but there is a low risk of Hurricane Jose bringing hurricane impacts to the Turks & Caicos and the Bahamas from Thursday. This will need monitoring for further developments in the coming days.

Latest information of track of Jose can be found here at http://www.nhc.noaa.gov/graphics_at2.shtml?cone#contents. The National Hurricane Centre is the official agency for issuing forecasts and warnings for tropical storms and hurricanes in the North Atlantic basin. Decision making should be based on these official forecasts.

Impacts:

Winds: Hurricane Jose is tracking over open water through the next 4 days so no islands are expected to be impacted.

Storm Surge & Flooding: No significant swells are now associated with Josie across the Leeward Islands, the Virgin Islands and Puerto Rico, Hispaniola, the Bahamas and the Turks and Caicos Islands through the next few days. Any showery rain may give a slight flood risk, especially as the ground pre-conditioned from Hurricane Irma.

Rainfall: No further rainfall is expected from Jose across the northern Leeward Islands or the British Virgin Islands. More normal showery conditions for this time of year are expected.

This forecast may be amended at any time

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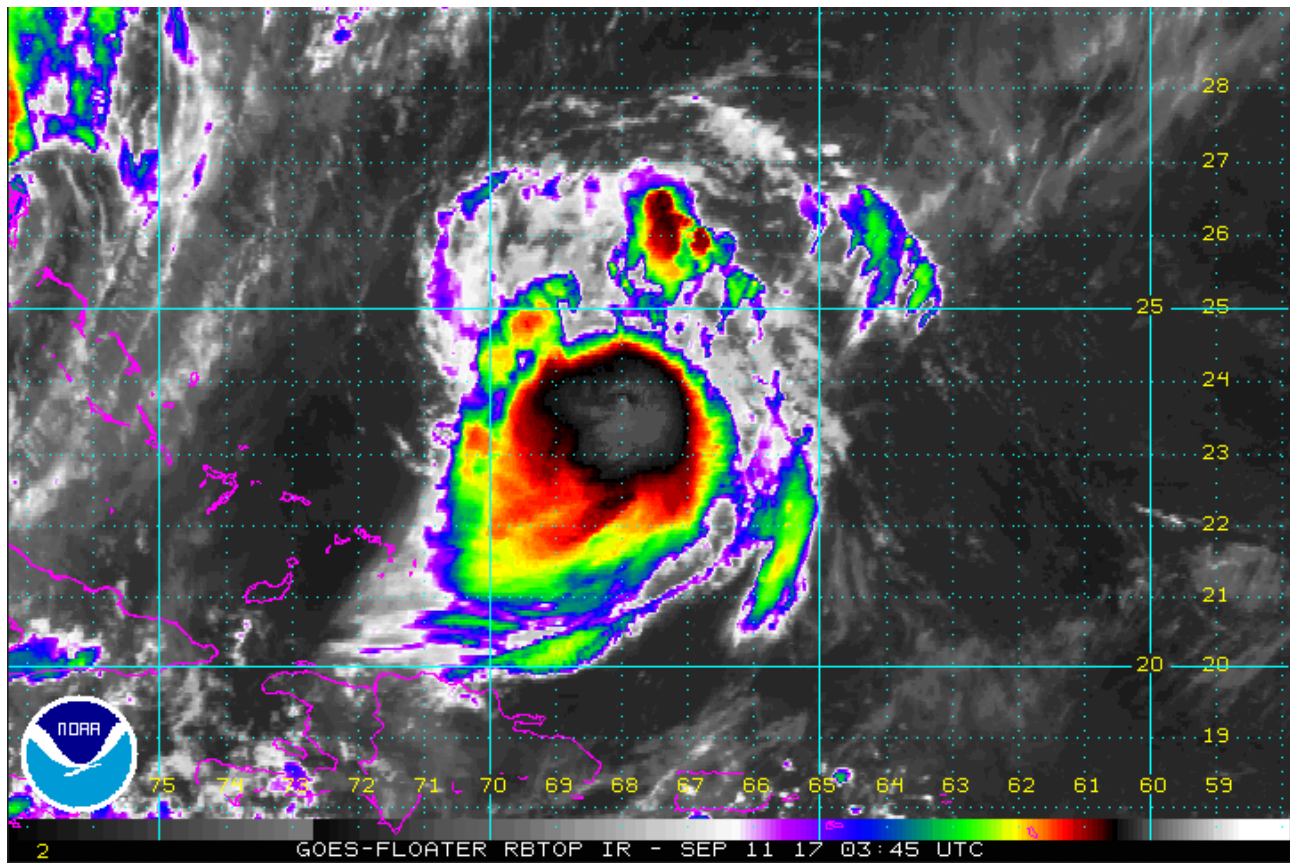


Figure 1: 11/0345 UTC IR satellite image.

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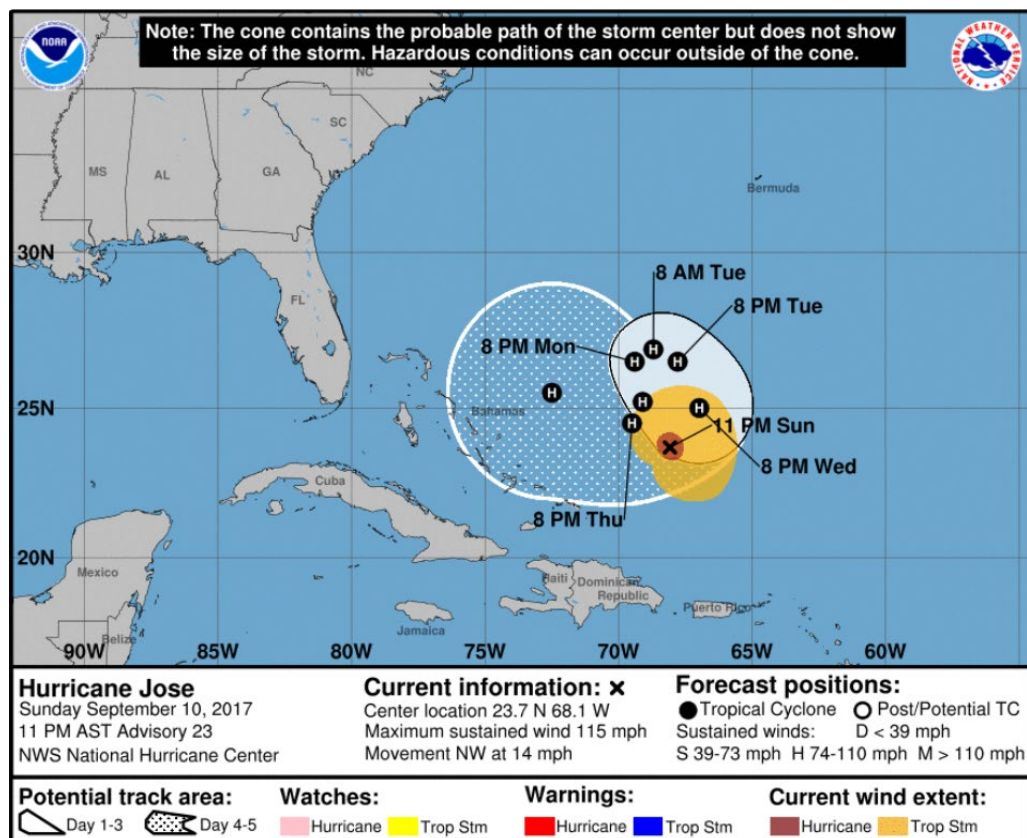


Figure 2: 11/0300UTC official forecast track and cone of uncertainty for Hurricane Jose from the National Hurricane Centre. Times on the graphic are in AST (UTC-4). **Note there are no Hurricane watches in force for this storm.**

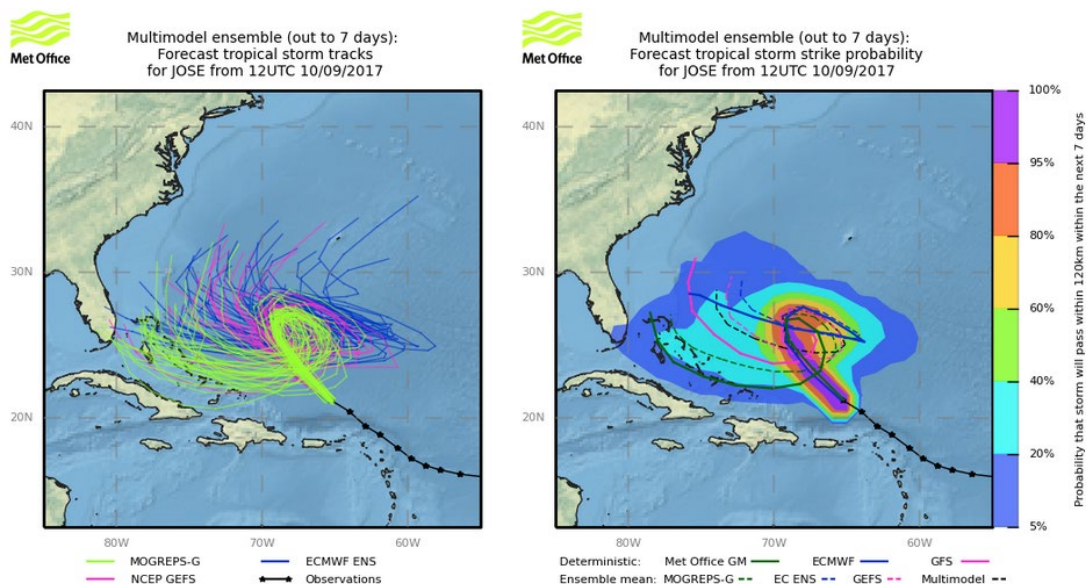


Figure 3: Latest (10/12 UTC) ensemble spread of tracks from the Met Office, ECMWF and NCEP.

This shows the range of possibilities for the track of Jose during the next 7 days. This latest run is consistent with previous issues. Note the consistent tracks from the ensemble members for the next few days, with a large spread for the end of the forecast.

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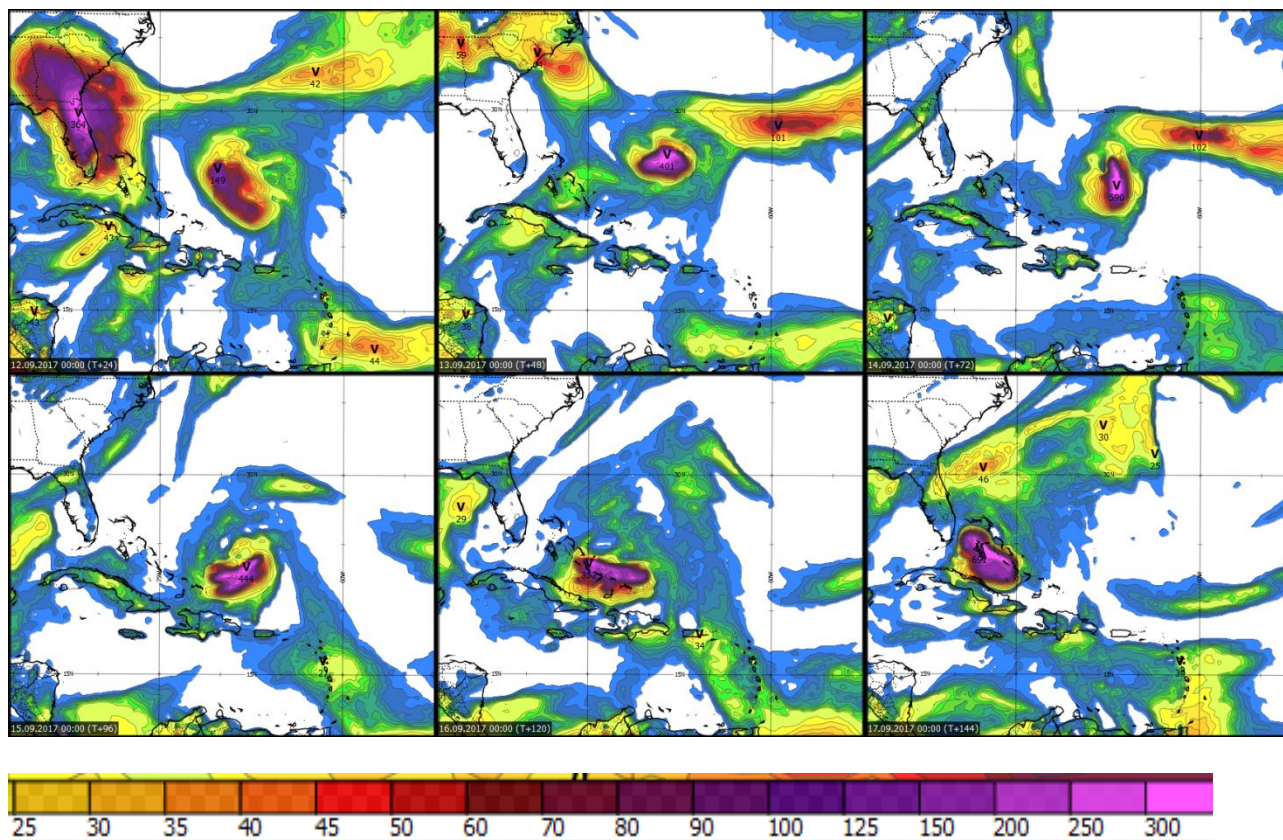


Figure 4: 11/00Z UKGM 24 hour rainfall totals for the next 6 days in millimetres. Monday (top left), to Friday (bottom right).

Sources

NHC, UK Met Office, ECMWF, NCEP, and various media reports.

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