

Severe Weather Advisory for Madagascar

Tropical Cyclone Enawo

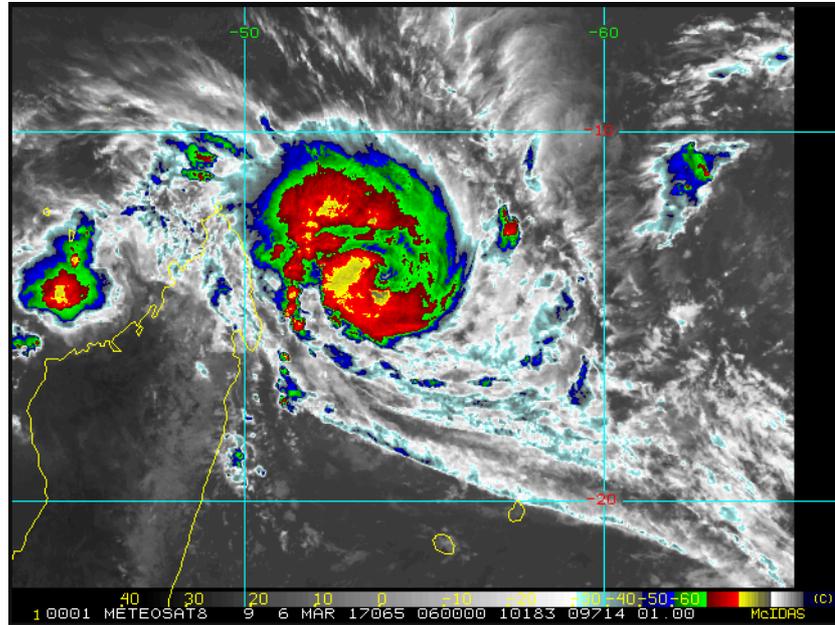
Issued on Monday, 06 March 2017 at 11:4745 local time.

Headline

Tropical cyclone Enawo is likely to continue to strengthen to an intense tropical cyclone through the rest of today, before making landfall on the coast of north-east Madagascar during the early hours of Tuesday UK time.

Impacts

Destructive winds likely to damage power supplies, and buildings. Torrential rain likely to bring flash flooding and an enhanced risk of landslides. Significant storm surge of up to 8 meters likely to bring coastal erosion and flooding. There is a significant risk to life across the affected region.

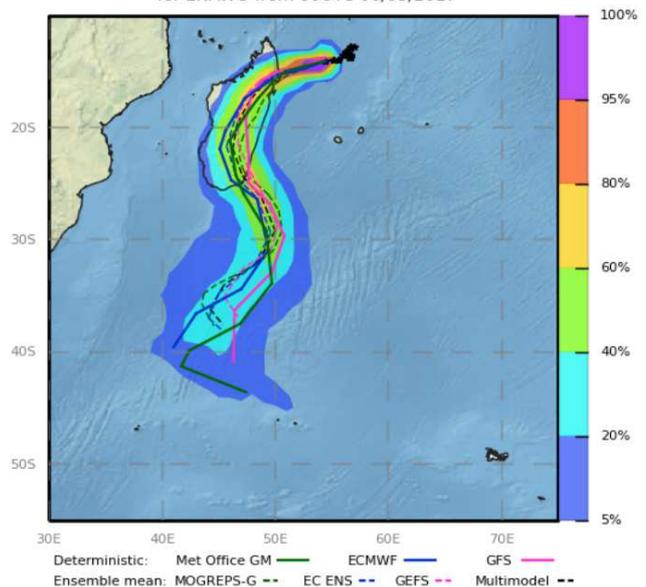


Discussion

At 09Z Enawo was located roughly 14.0S 53.4E at 0900Z, and was moving W at 06KT. There is now very good model consensus on the track and intensity of the cyclone, with winds expected to be around 100KT (185km/hr) at landfall. Winds should ease markedly as the system tracks inland, however, torrential rain will continue. An 8m storm surge is likely across the NE of Madagascar, and by the time the system loses its identity on Thursday, some 700-900mm of rain is likely, this includes Antananarivo. This brings a significant risk of flash flooding, landslides, destruction to infrastructure as well as a significant threat to life.



Multimodel ensemble (out to 7 days):
Forecast tropical storm strike probability
for ENAWO from 00UTC 06/03/2017



Sources

RSMC La Reunion, UKMO, ECMWF, GFS, MOGREPS-G, ECMWF-ENS and NCEP GEFS.

Issued at: 061145Z

Meteorologist: Jason Kelly

Global Guidance Unit

This forecast may be amended at any time

mailto: GGU@metoffice.gov.uk

Phone Duty Forecaster, Global Guidance Unit (GGU), Operations Centre, Met Office, Fitzroy Road, Exeter
VPN n6225 4319, BT 01392 884319

© Crown copyright 2017