

Severe Weather Advisory for Bangladesh and Myanmar

Potential tropical storm

Issued on Sunday, 28 May 2017 at 08:50 local time.

Headline

A depression has formed in the Bay of Bengal over the past 24 hrs. This is likely to rapidly intensify over the into a tropical storm, before making landfall near the Bangladesh/Myanmar border early Tuesday.

Impacts

The main impact of the storm is expected to be torrential rain, with up to 500mm falling in 24hrs, bringing inevitable flash flooding; this amount of rain combined with a storm surge leads to the potential for significant coastal flooding. Damaging hurricane-force winds are also possible, but at this stage are considered to be of a lesser impact than the expected rainfall.

Discussion

A monsoon depression – centred near 14.2N 88.9E at 0000UTC on 28th May in the Bay of Bengal – is expected to intensify over the next 24-36hrs, whilst moving slowly east then northeast towards Myanmar and Bangladesh, probably making landfall early Tuesday (UK time).

There is good agreement between models that the system will strengthen to become a tropical storm. However, there is still a good deal of uncertainty regarding where the storm will make landfall. Currently, the most probable location is along the border between Bangladesh and Myanmar.

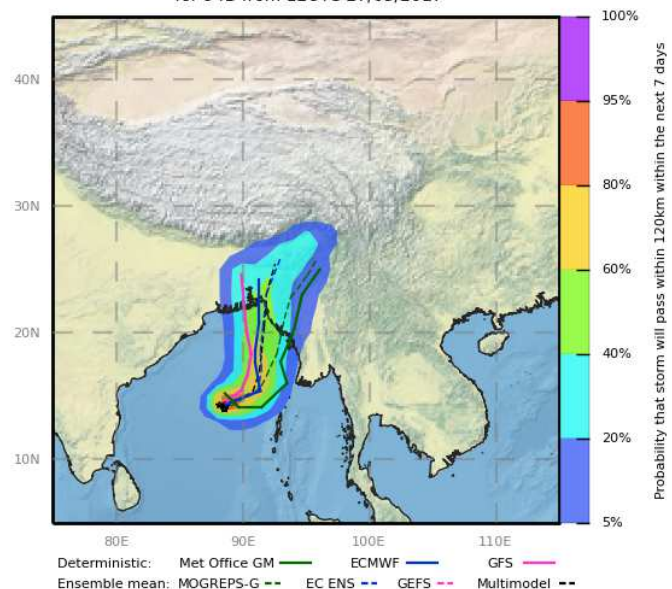
As already mentioned heavy rain and flooding, both flash flooding, are likely to be the primary hazard. Whilst likely reaching tropical storm status, the system is not expected to be particularly intense and the radius of damaging winds is likely to be fairly small.

Sources

Met Office Global model and ensemble, ECMWF and NCEP.



Multimodel ensemble (out to 7 days):
Forecast tropical storm strike probability
for 94B from 12UTC 27/05/2017



Issued at: 280750Z **Meteorologist:** Brent Walker

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