



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 08th November, 2021

Time of Issue: 1245 hrs IST

Subject: A) Extremely heavy rainfall spells over Tamil Nadu on 10th & 11th November, 2021

B) Depression over Eastcentral Arabian Sea likely to weaken into a well marked Low Pressure area by tomorrow morning

**(Rainfall realised during past 24 hours ending at 0830 hrs IST of today:
(Annexure I)**

A) Extremely heavy rainfall spells over Tamil Nadu during 10th-11th November:

- The cyclonic circulation over southeast Bay of Bengal & adjoining south Andaman Sea extending upto middle tropospheric levels. Under its influence, a low pressure area is very likely to form over southeast Bay of Bengal & neighbourhood during next 24 hours. **It is likely to move west-northwestwards, concentrate into a Depression and reach near north Tamilnadu coast by the early morning of 11th November, 2021.** Under its influence:
 - ✓ Widespread light to moderate rainfall is very likely over Kerala, south Coastal Andhra Pradesh and Tamil Nadu during next 5 days.
 - ✓ Isolated heavy to very heavy rainfall is likely over Tamil Nadu on 08th & 09th and heavy to very heavy rain at few places with Isolated **extremely heavy falls** are very likely on 10th & 11th November, 2021. Heavy to very heavy rain with **extremely heavy falls** at isolated places are also likely over south Coastal Andhra Pradesh during same period. **(Color Coded Warning and its Impact are given in Annexure II & Annexure III respectively)**
 - ✓ **Squally weather** (speed reaching 40-50 kmph gusting to 60 kmph) over Southwest & adjoining Westcentral Bay of Bengal and along & off south Andhra Pradesh-Tamil Nadu coasts and Gulf of Mannar during next 4 days.
 - ✓ **Squally weather** (speed reaching 40-50 kmph gusting to 60 kmph) over

Southeast Bay of Bengal during next 2 days Fishermen are advised not to venture into these areas. (Sea Area & Fishermen Warning is given in Annexure IV)

B) Depression over Eastcentral Arabian Sea:

- The Depression over eastcentral Arabian Sea moved west-northwestwards with a speed of 08 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 8th November, 2021 over Eastcentral Arabian Sea near latitude 14.7°N and longitude 66.4°E, about 840 km west-southwest of Mumbai (Maharashtra) & 800 km west-southwest of Panjim (Goa). It is likely to move nearly westwards and weaken into a well marked Low Pressure area by tomorrow morning. Thereafter it is likely to move west-southwestwards.
- **Fisherman warning: Squally weather** (speed reaching 45-55 kmph gusting to 65 kmph) very likely over Eastcentral and adjoining Westcentral Arabian sea and speed reaching 40-50 kmph gusting to 60 kmph during next 24 hours. Fishermen are advised not to venture into these areas. (Sea Area and Fishermen Warning is given in Annexure IV)

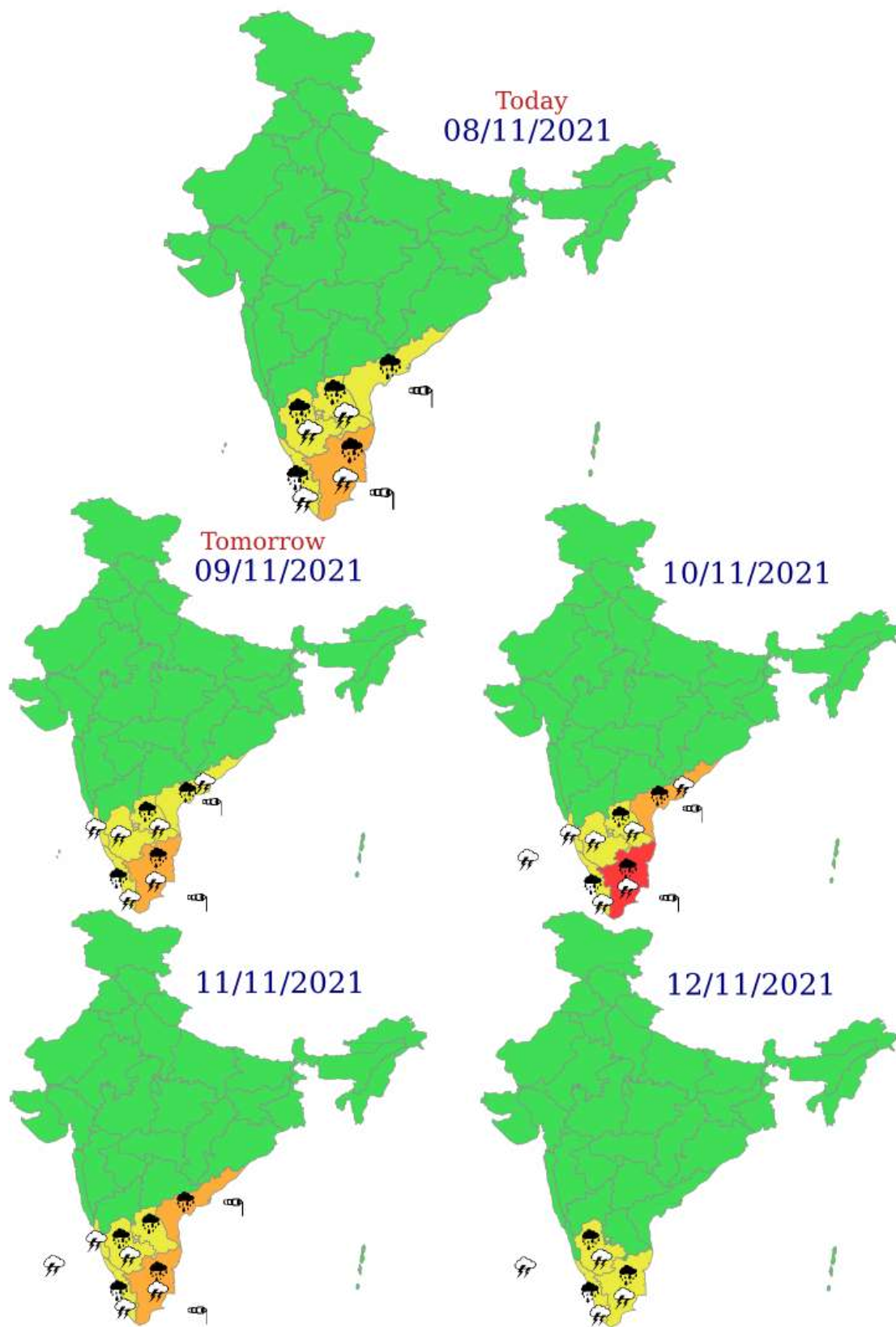
For more details refer:

https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php

Rainfall realised during past 24 hours ending at 0830 hrs IST of today:

Tamilnadu, Puducherry & Karaikal

Perambur (dist Chennai) 14 , Cheyyur (dist Chengalpattu), Maduranthagam (dist Chengalpattu), Cholavaram (dist Tiruvallur) 13 each, Thondaiyarpet (dist Chennai) 10, Ayyanavaram (dist Chennai), Chennai Collectorate (dist Chennai), Gummidipoondi (dist Tiruvallur), Parangipettai (dist Cuddalore), Pallipattu (dist Tiruvallur), Ambathur (dist Tiruvallur), Poonamallee (dist Tiruvallur), Red Hills (dist Tiruvallur) 9 each, Tambaram (dist Chengalpattu), Coimbatore South (dist Coimbatore), Puducherry (dist Puducherry), Alangayam (dist Tirupattur), Uthukottai (dist Tiruvallur), DGP Office (dist Chennai), Chengam (dist Tiruvannamalai), Marakkanam (dist Villupuram) 8 each, Chennai(n) (dist Chennai), ACS College (dist Chennai), Sriperumbudur (dist Kancheepuram), MGR Nagar (dist Chennai), Ponneri (dist Tiruvallur), Thirukoilur ARG (dist Kallakurichi), Anna University (dist Chennai), Chengalpattu (dist Chengalpattu), RCS Vallam (dist Villupuram), Valavanur (dist Villupuram) 7 each,



EXPECTED IMPACT & ACTION SUGGESTED due to Very Heavy/ Extremely Rainfall over Tamilnadu, Puducherry & Karaikal during 08th -11th; over south Coastal Andhra Pradesh on 10th & 11th November, 2021.

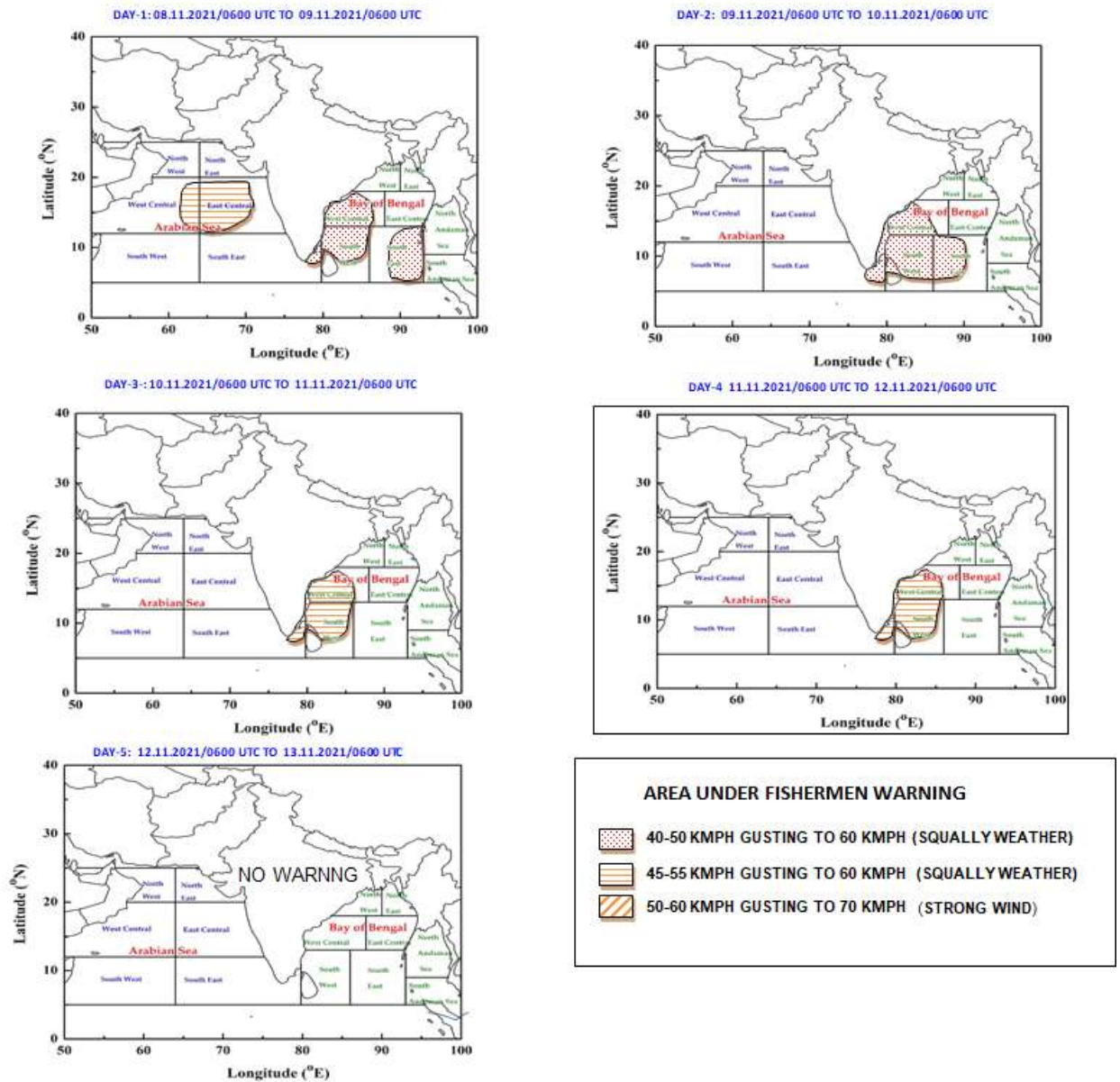
A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

B. Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

**INDIA METEOROLOGICAL DEPARTMENT
FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA**



Fisherman warning for Bay of Bengal and Arabian Sea during 08th-12th November, 2021.

Legends:

Heavy Rain: 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain** > 204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



WARNING	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75