



**Government of India**  
**Ministry of Earth Sciences**  
**India Meteorological Department**

**Press Release**

**Date: 06<sup>th</sup> November, 2021**

**Time of Issue: 1300 hrs IST**

**Subject: i) Likely formation of Low pressure area over Bay of Bengal  
ii) Well Marked Low Pressure Area over Eastcentral Arabian Sea  
iii) Heavy rainfall and thunderstorm warning during 06<sup>th</sup>-10<sup>th</sup> November, 2021.**

**Weather Systems:**

**1) Low pressure area over Bay of Bengal**

A cyclonic circulation lies over Southeast Bay of Bengal & adjoining equatorial Indian Ocean off Sumatra Coast. Under its influence a low pressure area is likely to form over Southeast Bay of Bengal around 9<sup>th</sup>. It is likely to become more marked and move west northwestwards towards north Tami Nadu coast during the subsequent 48 hours.

**In association with the above system:**

(i) Increase in rainfall activity with heavy to very heavy rainfall at a few places and extremely heavy rain at isolated places likely over north coastal Tamilnadu and heavy to very heavy rainfall at a few places over south coastal Andhra Pradesh during 11<sup>th</sup>-12<sup>th</sup> November, 2021.

(ii) Squally wind (speed reaching 40 kmph to 50 kmph gusting to 60 kmph) and rough to very rough Sea conditions likely over southeast Bay of Bengal during 9<sup>th</sup>-10<sup>th</sup>; over southwest Bay of Bengal during 10<sup>th</sup>-12<sup>th</sup> and along and off Tamilnadu coast and adjoining south Andhra Pradesh coast during 11<sup>th</sup>-12<sup>th</sup> November, 2021. (Annexure-II)

(iii) Fisherman are advised not to venture into southeast Bay of Bengal during 09<sup>th</sup>-10<sup>th</sup> and over southwest Bay of Bengal and along & off Tamilnadu and adjoining Andhra Pradesh coast during 10<sup>th</sup>-12<sup>th</sup> November, 2021. Fishermen out in the deep sea are advised to return to the coast by 09<sup>th</sup> November, 2021. (Annexure-II)

**2) Well Marked Low Pressure Area over Eastcentral Arabian Sea**

The Well Marked Low Pressure Area lies over Eastcentral Arabian Sea. It is likely to move north northwestwards and concentrate into a Depression over the same region during next 24 hours. Then it is likely to move west northwestwards away from the west coast of India.

## **Fisherman warning:**

(i) Squally wind (speed reaching 50 kmph to 60 kmph gusting to 70 kmph) very likely over eastcentral Arabian Sea during 06<sup>th</sup>-07<sup>th</sup> and Squally wind (speed reaching 40 kmph to 50 kmph gusting to 60 kmph) over eastcentral Arabian Sea during 08<sup>th</sup>-10<sup>th</sup> November, 2021. Fishermen are advised not to venture into these areas. (Annexure-II)

(ii) Squally wind (speed reaching 40 kmph to 50 kmph gusting to 60 kmph) along & off Maharashtra coast during 06<sup>th</sup>-07<sup>th</sup> and along & off Goa-Karnataka coast on 06<sup>th</sup> November, 2021. Fishermen are advised not to venture into these areas. (Annexure-II)

### **3) Heavy rainfall and thunderstorm warning during 06th-10th November, 2021.**

(i) Light to moderate rainfall at many places with isolated thunderstorm & lightning very likely over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and coastal & south interior Karnataka during next 5 days.

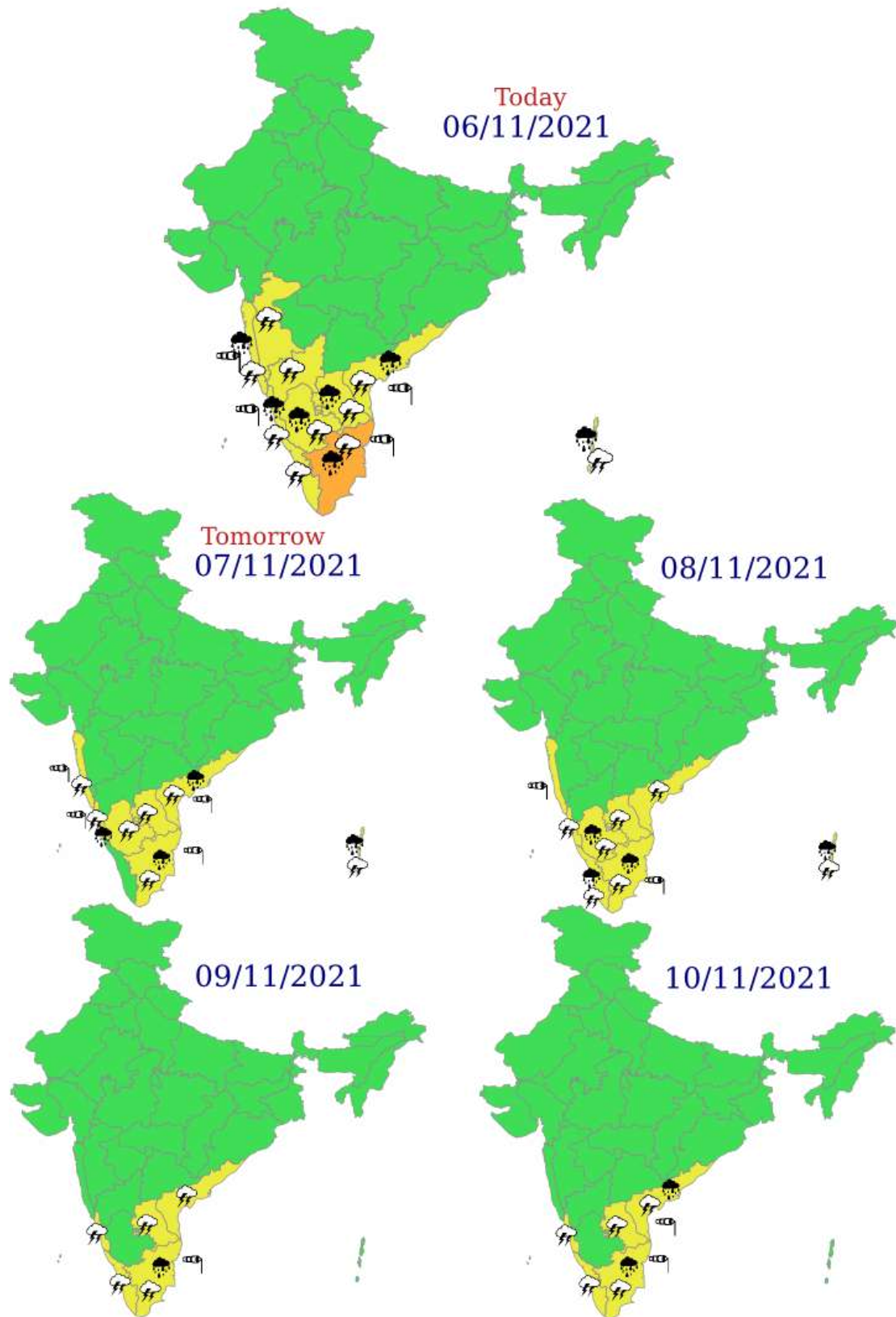
(ii) Heavy rainfall at isolated places very likely over Tamil Nadu, Puducherry & Karaikal during next 5 days; over Kerala & Mahe on 08th; over Coastal Andhra Pradesh & Yanam on 08th & 9th; over south Interior Karnataka during 06th-09th and over coastal Karnataka & Rayalaseema on 06th November, 2021. (Annexure-I)

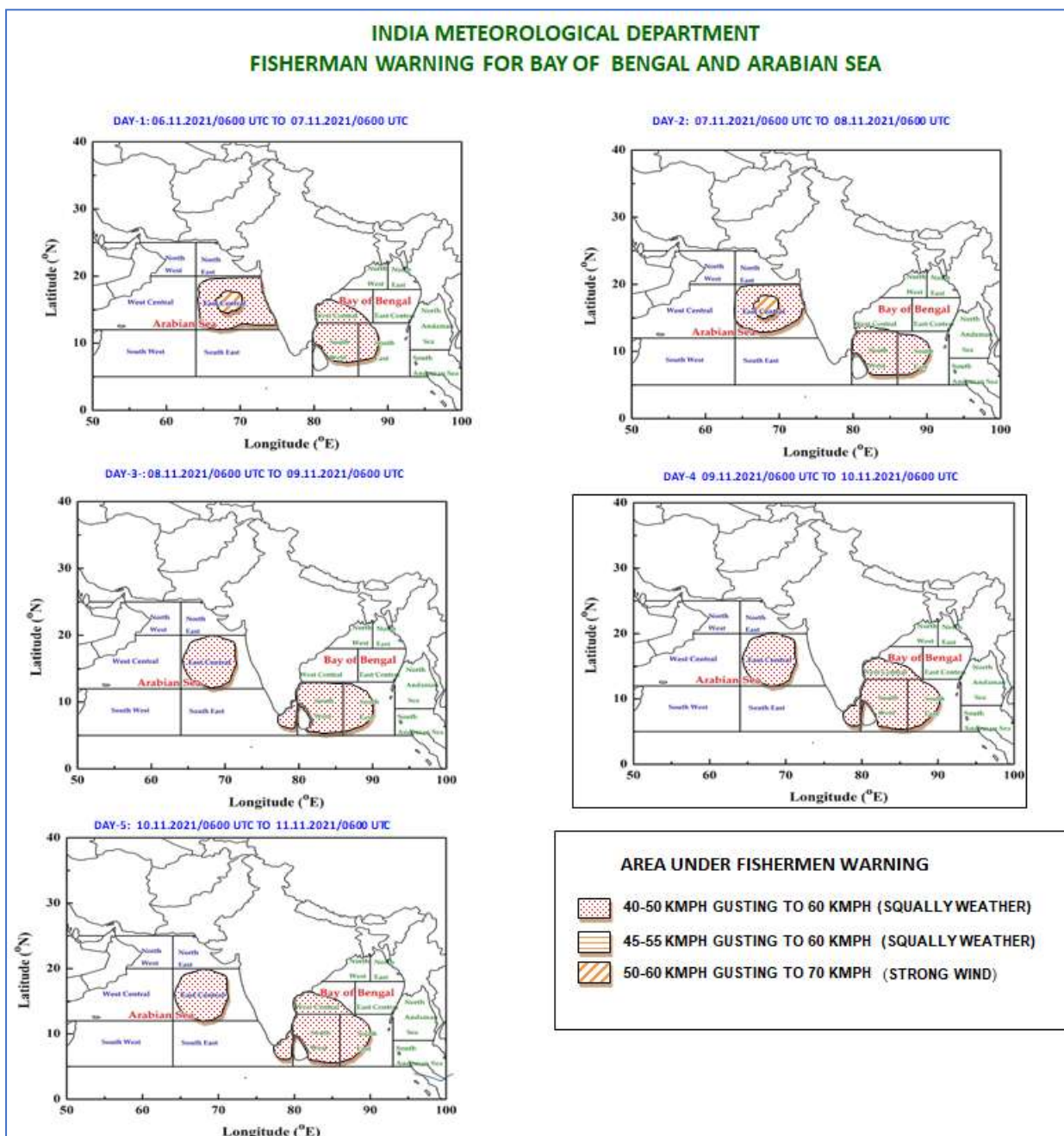
iii) Very heavy rainfall also likely over Tamil Nadu, Puducherry & Karaikal on 06th November, 2021. (Annexure-I)

iv) Mainly dry weather very likely to prevail over most parts of northwest, central, east & northeast India and over some parts of west India during next 05 days.

[For detailed forecast and warning refer:](#)

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)





Fisherman warning for Bay of Bengal and Arabian Sea during 06<sup>th</sup>-10<sup>th</sup> November, 2021.

**EXPECTED IMPACT & ACTION SUGGESTED due to Very Heavy Rainfall over north coastal Tamilnadu on 06<sup>th</sup> 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.

## 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.

<b>SPATIAL DISTRIBUTION</b> (% 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)



Heavy Rain



Strong Winds



Thunderstorm with Lightning

### 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