



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 18th November, 2022
Time of Issue: 1245 hrs IST

Subject: (i) Low pressure area over Southeast Bay of Bengal & neighbourhood and likely to concentrate into a Depression over central parts of South Bay of Bengal during next 48 hours.
(ii) Increase in rainfall activity likely over southeast Peninsular India from 20th November, 2022.

Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annexure I)

Weather systems, rainfall/thunderstorm Forecast & Warnings:

- Yesterday's low pressure area over Southeast Bay of Bengal & adjoining Andaman Sea moved westwards and lay over Southeast Bay of Bengal & neighbourhood in the morning of today, the 18th November, 2022. It is likely to move west-northwestwards and gradually concentrate into a Depression over central parts of South Bay of Bengal during next 48 hours. Thereafter, it is very likely to continue to move west-northwestwards towards Tamilnadu-Puducherry and south Andhra Pradesh coasts during subsequent 3 days. Under its influence;

(i) Rainfall warning (Warning Graphics in Annexure II)

- ❖ Light to moderate rainfall at many places is very likely over Andaman & Nicobar Islands on 18th November.
- ❖ Light to moderate rainfall at most places with **heavy falls** at isolated places is very likely over North Coastal Tamilnadu-Puducherry, Karaikal on 20th November.
- ❖ Light to moderate rainfall at most places with **heavy to very heavy falls** at isolated places is very likely over North Coastal Tamilnadu-Puducherry, Karaikal and isolated **heavy falls** over south coastal Andhra Pradesh & adjoining Rayalaseema on 21st & 22nd November.

(ii) Wind warning:

- ❖ Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is likely to prevail over Southeast Bay of Bengal and adjoining areas of Southwest & central Bay of Bengal on 18th November.
- ❖ Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over Southwest and adjoining areas of Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coasts on 19th and over Southwest and adjoining Westcentral Bay of Bengal and along & off South Andhra Pradesh, Tamil Nadu, Puducherry and Sri Lanka coasts during 20th –22nd November.
- ❖ Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is likely to prevail over Gulf of Mannar on 21st & 22nd November and over Westcentral & adjoining Southwest Bay of Bengal and along & off Andhra Pradesh & North Tamil Nadu on 23rd November.

(iii) Sea condition

- ❖ Sea condition will be rough over Southeast Bay of Bengal and adjoining areas of Southwest & Westcentral Bay of Bengal on 18th November.
- ❖ Sea condition will be rough to very rough over Southwest and adjoining areas of Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coasts on 19th November and over

Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry, Sri Lanka coasts during 20th –22nd November.

- ❖ Sea condition will be rough over Gulf of Mannar on 21st & 22nd November and over Southwest & adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh & North Tamil Nadu on 23rd November.

(iv) Fishermen Warning (warning graphics enclosed in Annexure III)

Fishermen are advised not to venture into:

- ❖ Southeast Bay of Bengal and adjoining areas of Southwest & Westcentral Bay of Bengal on 18th November.
 - ❖ Southwest and adjoining areas of Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coasts on 19th November
 - ❖ Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry, Sri Lanka coasts during 20th–22nd November
 - ❖ Gulf of Mannar on 21st & 22nd November and over Southwest & adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh & North Tamil Nadu on 23rd November.
- Under the influence of fresh feeble Western Disturbance, light to moderate rainfall/snowfall very likely at isolated/some places over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad on 18th & 19th and Himachal Pradesh on 19th November, 2022.

For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Annexure I

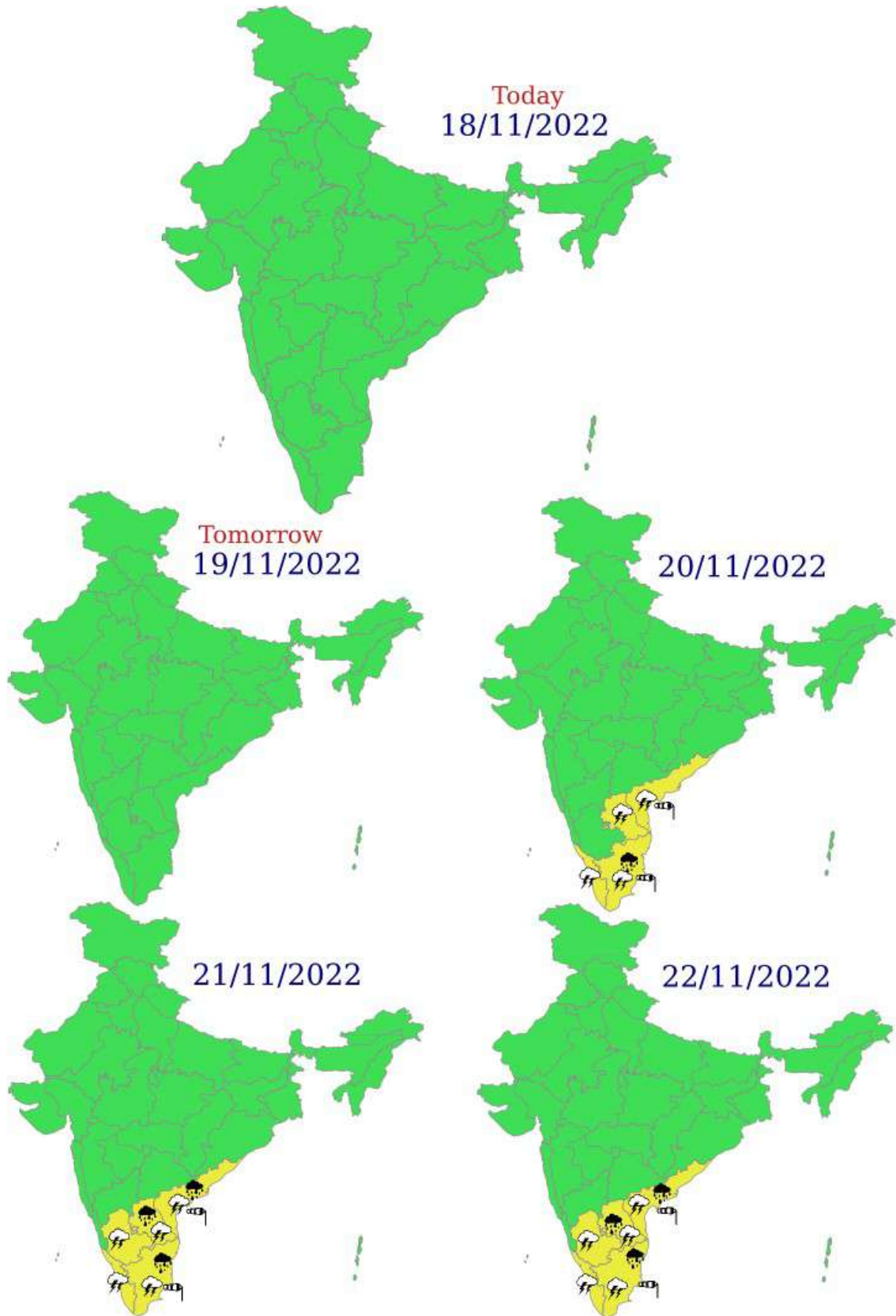
Heavy rainfall at isolated places occurred over Kerala and Tamil Nadu.

Significant Rainfall (in cm):

Kerala: Mavelikkara (Alappuzha district) 10, Konni (Pathanamthitta district) 9, Kayamkulam (Alappuzha district) 7, Kurudamannil (Pathanamthitta district), Kayamkulam (Alappuzha district) & Seethathode AWS (Pathanamthitta district) 5 each.

Tamilnadu: Shencottah (dist Tenkasi) 9, Gundar dam (dist Tenkasi) 6, Papanasam (dist Tirunelveli) 5

North & Middle Andaman: Long Island- 4.



Fishermen warning graphics



	Squally weather with wind speed 40-45 kmph gusting to 55 kmph
	Squally wind speed with wind speed 45-55 kmph gusting to 65 kmph

Fishermen are advised not to venture into the marked areas.

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:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and 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

