



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

**Press Release
Date: 25th October, 2022
Time of Issue: 1315 hrs IST**

Subject: Cyclonic Storm “SITRANG” pronounced as “Si-Trang” weakened into a Well Marked Low Pressure Area.

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

Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)

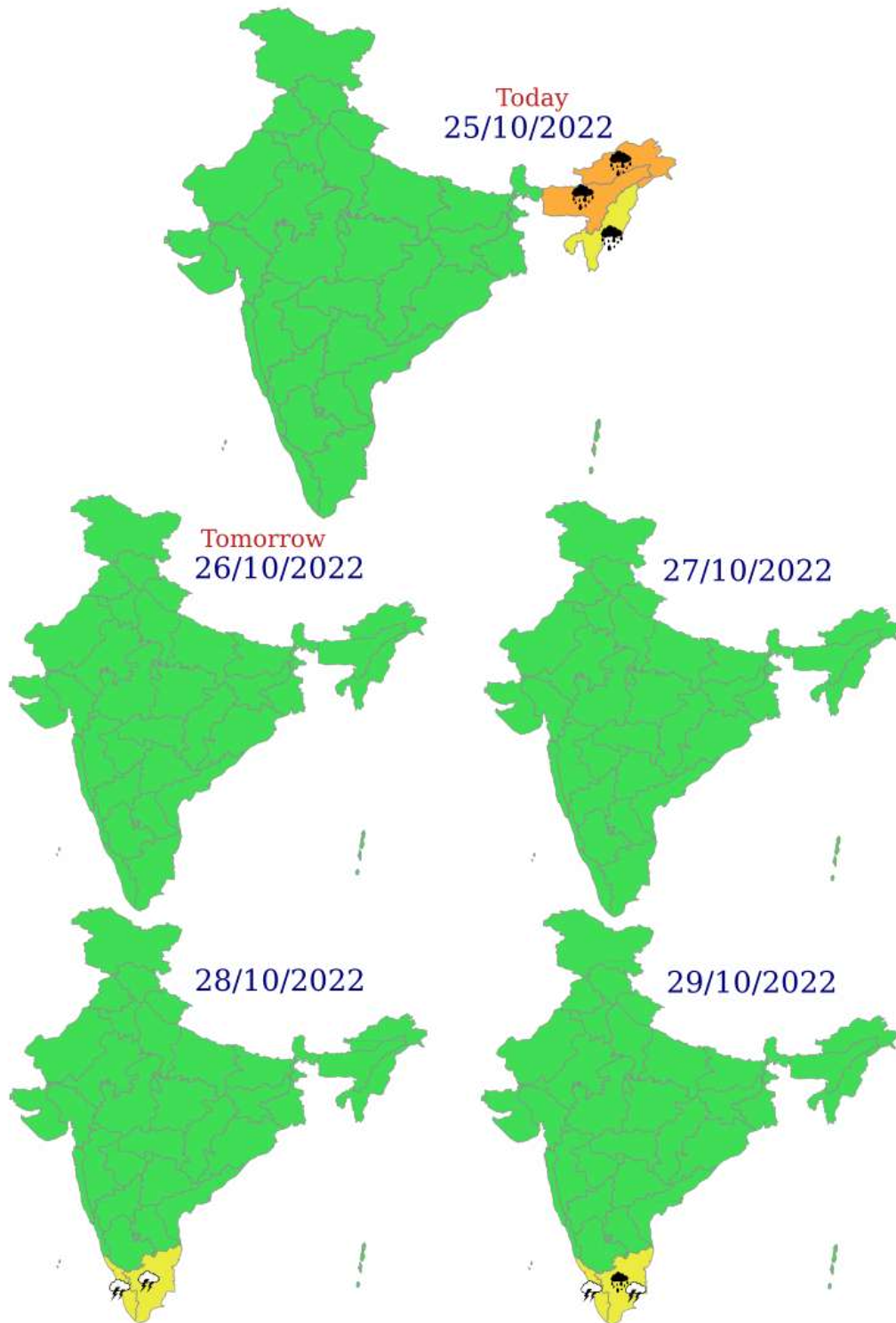
- Yesterday’s **Cyclonic Storm “SITRANG”** pronounced as “**Si-Trang**” over north Bay of Bengal moved rapidly north-northeastwards and crossed Bangladesh coast between Tinkona & Sandwip close to Barisal during 2100 hours IST and 2330 hours IST of 24th October with maximum sustained wind speed of 80-90 kmph gusting to 100 kmph. It weakened into a **Depression** at 0530 hrs IST of 25th October and further weakened into a **Well Marked Low Pressure Area** and lay centered over northeast Bangladesh and adjoining Meghalaya at 0830 hrs IST of today, the 25th October. It is very likely to continue to move north-northeastwards and weaken into a low pressure area during next 6 hours.
- **Under the influence of above systems;**
 - **(i) Rainfall:**Light to moderate rainfall at most places with isolated **heavy to very heavy rainfall** is likely over Arunachal Pradesh, northeast Assam and isolated **heavy rainfall** over remaining parts of Assam, Meghalaya & Nagaland today on 25th October.
 - **(ii) Wind warning:** Strong wind speed reaching 25-35 kmph gusting to 45 kmph is very likely to prevail over south Assam and adjoining Meghalaya, Mizoram & Tripura during next 6 hours and reduce thereafter.
 - **Dry weather very likely to prevail over most parts of Northwest & central India.**

For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

- ❖ **Isolated extremely heavy rainfall occurred** over Meghalaya; **very heavy rainfall** over Arunachal Pradesh and **heavy rainfall** over Assam, Manipur and Tamil Nadu.

Rainfall (in cm):

- ❖ **Meghalaya:** Mawphlang (Dist East Khasi Hills) 25, Pynursla (Dist East Khasi Hills) 25, Williamnagar (Dist East Garo Hills) 23, Shora (Dist East Garo Hills) 22, Secretariat_Hills(Arg) (Dist East Garo Hills) 21, Shillong (Aws) (Dist East Khasi Hills) 21, Shillong C.S.O. (Dist East Khasi Hills) 20, Mawkyrwat(Arg) (Dist South West Khasi Hills) 18, Barapani (Dist Ribhoi) 18, Nongstoin (Dist West Khasi Hills) 13, Khliehriat (Dist East Jaintia Hills) 12, Baghmara (Dist South Garo Hills) 10;
- ❖ **Arunachal Pradesh:** Bomdila (Dist West Kameng) 12, Kalaktang (Dist West Kameng) 10, Kibithu (Dist Anjaw) 9, Basar (Dist West Siang) 8, Ziro (Dist Lower Subansiri) 8, Koloriang (Dist Kurung Kumey) 7, Jung_Arg (Dist Tawang) 7, Kabu Basti (Dist West Siang) 7, Palin(Arg) (Dist Kra Daddi) 7;
- ❖ **Assam:** Khanapara (Dist Kamrup Metropolitan) 10, Dudhnoi Kvk(Aws) (Dist Goalpara) 9, Khetri (Arg) & Chandmari (Dist Kamrup Metropolitan) 9, Drf & Goibargaon (Dist Baksa) 8, Pandu, Nongpoh (Dist Rhibhoi) 8, Goibergaon (Dist Baksa) 8, Udaipur (Dist Tinsukia) 8, Umrangshu(Arg) (Dist West Karbi Anglong) 7, Motunga (Dist Tamulpur) 7, Nalbari (Dist Nalbari) 7, Tamulpur (Dist Baksa) 7, Chandrapur Arg (Dist Kamrup (Rural)) 7, Kheronighat (Dist Karbi Anglong) 7, Guwahati (Dist Kamrup (M)) 7;
- ❖ **Manipur:** Ukhrul (Dist Ukhrul) 10, Ukhrul Aws (Dist Ukhrul) 9, Churachandpur (Dist Churachandpur) 7, Senapati (Dist Senapati) 7;
- ❖ **Tamil Nadu:** Suralacode (dist Kanniyakumari) 7;



EXPECTED IMPACT & ACTION SUGGESTED DUE TO: Isolated very heavy rainfall over Arunachal Pradesh and northeast Assam on 25th October, 2022.

A. Impact Expected

- Localized Flooding of roads, 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:** 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

