



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 14th October, 2021

Time of Issue: 1420 hrs IST

Subject: i) Intense spell of current rainfall activity over south peninsular India likely to continue till 16th October, 2021.

ii) A fresh spell of rainfall over Northwest India from 16th October, 2021.

Low Pressure Area over Eastcentral & adjoining Southeast Arabian Sea:

Another Low Pressure Area lies over Eastcentral & adjoining Southeast Arabian Sea off Lakshadweep area. It is likely to move east-southeastwards as a Low Pressure Area towards Kerala coast during next 48 hours and an east-west trough runs roughly along 13°N across south peninsular India. Under the influence of these systems,

- Fairly widespread to widespread rainfall with isolated heavy rainfall very likely over Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu during 14th-16th October, 2021. Isolated very heavy rainfall also very likely over Kerala & Mahe and Tamilnadu, Puducherry & Karaikal on 15th & 16th and over South Interior Karnataka on 16th October, 2021.
- Squally weather (wind speed reaching 40-50 kmph) very likely over Southeast & adjoining Eastcentral Arabian Sea, along & off Kerala-Karnataka coasts & Lakshadweep area during 14th-16th October. Fishermen are advised not to venture into these areas during 14th-16th October and those out at Eastcentral & adjoining Southeast Arabian Sea are advised to return to the coast by today evening.

Low Pressure Area over Central Bay of Bengal:

A Low Pressure Area lies over northern parts of Central Bay of Bengal & neighbourhood. It is likely to move west-northwestwards and reach south Odisha-north Andhra Pradesh coasts during next 24 hours.

Under its influence;

- Light to moderate rainfall at most places with isolated thunderstorm (wind speed 40-50 kmph) and isolated heavy falls very likely over Andaman & Nicobar Islands during next 2 days.
- Rainfall intensity very likely to increase over Andhra Pradesh, Odisha and West Bengal from 14th October. Light to moderate rainfall at many places and isolated heavy falls over Gangetic West Bengal on 17th & 18th, over Odisha on 16th & 17th and over Coastal Andhra Pradesh & Yanam during 14th-16th October, 2021.
- Squally weather (wind speed reaching 40-50 kmph) very likely over Central & North Bay of Bengal, Andaman Sea, along & off Odisha coast and adjoining Andhra Pradesh & West Bengal coasts during 14th-16th October. Fishermen are advised not to venture into these areas during 14th-16th October, 2021.

A fresh spell of rainfall over Northwest India from 16th October, 2021:

Under the influence of lower level easterlies, fresh spell of light to moderate rainfall accompanied with thunderstorm & lightning very likely at many places over Jammu, Kashmir, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Uttar Pradesh and at a few places over Punjab, Haryana, Chandigarh & Delhi and Rajasthan during 16th - 18th October, 2021.

- Fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall also likely over Himachal Pradesh, Uttarakhand and Uttar Pradesh on 17th & 18th October, 2021
- Isolated thunderstorm, lightning & hail over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh and Uttarakhand on 17th & 18th October, 2021.

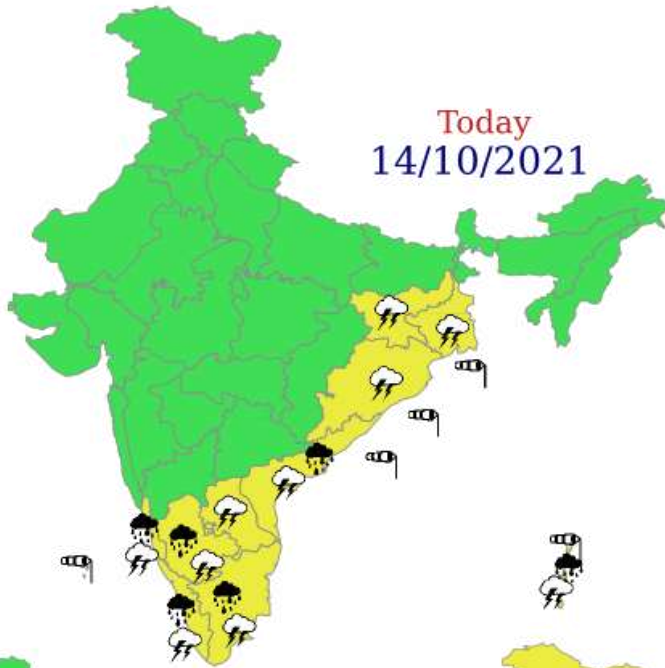
Further withdrawal of southwest monsoon 2021:

The Southwest Monsoon has further withdrawn from some more parts of Telangana; remaining parts of Maharashtra; some parts of North Interior Karnataka and some parts of Central Arabian Sea. The withdrawal line now passes through Lat. 27.0°N/Long. 92.0°E, Kohima, Silchar, Krishnanagar, Baripada, Malkangiri, Nalgonda, Bagalkote, Vengurla, Lat. 16.0°N/Long. 65.0°E and Lat. 16.0°N/Long. 60.0°E. (Refer Annexure I)

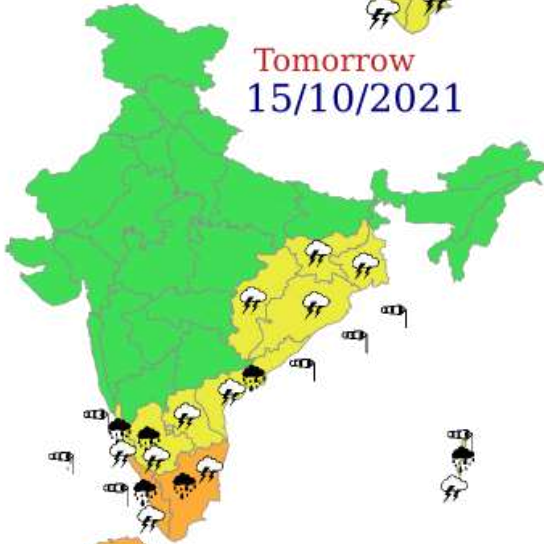
For detailed forecast and warning refer following page:

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

Today
14/10/2021



Tomorrow
15/10/2021



16/10/2021



17/10/2021



18/10/2021



EXPECTED IMPACT & ACTION SUGGESTED due to **Very Heavy Rainfall** over Kerala and Tamilnadu on 15th & 16th; over South Interior Karnataka on 16th; over Himachal Pradesh on 17th and over Uttarakhand and Uttar Pradesh on 17th -18th October, 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 Mudslides/Landslides.
- 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.

EXPECTED IMPACT & ACTION SUGGESTED due to **thunderstorms, lightning, hail & gusty winds** over Andaman & Nicobar Islands during 14th-16th; over Jammu, Kashmir, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh and Uttarakhand on 17th &18th October, 2021.

A. Impact Expected:

- Damage to thatched huts and asbestos roofed houses and cars. Roof tops may blow off.
- Unattached metal sheets may fly.
- Damage to power and communication lines due to breaking of tree branches.
- Damage to standing crops.
- Lightning strikes to ground.
- Flash flood due to associated rain

B. Action Suggested

- Farmers should not go in open fields.
- Cattle grazers and animals should not be in open.
- No fishing or boat movement.
- Mango and litchi orchards should be out of bound for any activity specially by children.
- Do not take shelter under isolated trees.
- Immediately get out of and away from ponds, lakes, and outdoor watery area (e.g. paddy transplantation).
- Go indoors or seek safe pukka shelters after hearing thunder. Stay indoors for 30 minutes after hearing the last clap of thunder.
- If no shelter is available, immediately get into the lightning crouch.
- During travel, stay inside car or bus or train when thunderstorm occurs.
- Do not use electric/ electronic appliance.
- Stay away from downed power lines.

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.)



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



