



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 24th September, 2021

Time of Issue: 1415 hrs IST

Subject: (i) A fresh spell of heavy rainfall likely over Odisha and Coastal Andhra Pradesh from 26th September.
(ii) Isolated heavy rainfall very likely to continue over East Rajasthan, West Madhya Pradesh, Gujarat state and north Konkan during next 5 days.

- ✓ **Rainfall Amount recorded** (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Given at annexure.

Weather Systems:

- ✓ Monsoon trough lies to the south of its normal position and likely to remain so during next 5 days.
- ✓ A Low Pressure Area has formed over eastcentral Bay of Bengal and neighbourhood and associated cyclonic circulation extends upto mid tropospheric levels tilting southwest wards with height. It is very likely to become more marked during next 12 hours. It is likely to move west-northwest wards towards Odisha coast during next 48 hours.
- ✓ A cyclonic circulation lies over northeast Madhya Pradesh & adjoining south Uttar Pradesh and extends upto mid tropospheric levels.
- ✓ A cyclonic circulation lies over Saurashtra & neighbourhood and extends upto mid tropospheric levels.

Weather forecast and Warning:

i) Due to **Low Pressure Area** over Eastcentral Bay of Bengal and its likely west-northwest wards movement towards Odisha coast during next 48 hours, a fresh spell of **heavy rainfall** likely over Odisha and north Coastal Andhra Pradesh from 26th September, 2021. Fairly widespread to widespread rainfall with isolated **heavy falls** very likely over Odisha, Coastal Andhra Pradesh & Yanam and Telangana during 25th – 28th September, 2021. **Isolated very heavy falls** is also very likely over Odisha on 26th & 27th and over Coastal Andhra Pradesh & Yanam on 26th September, 2021.

Fishermen warning:

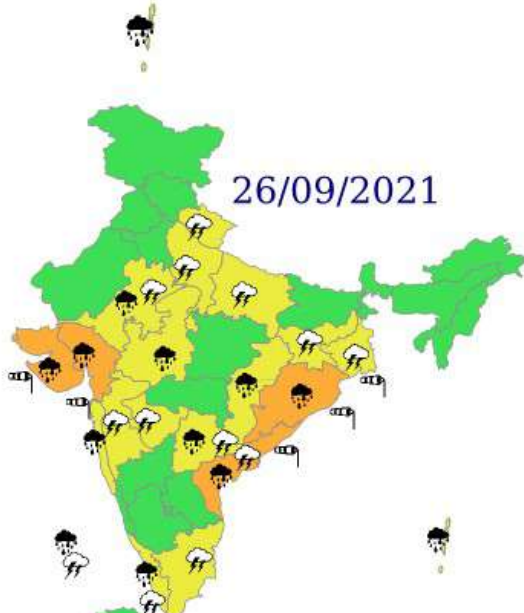
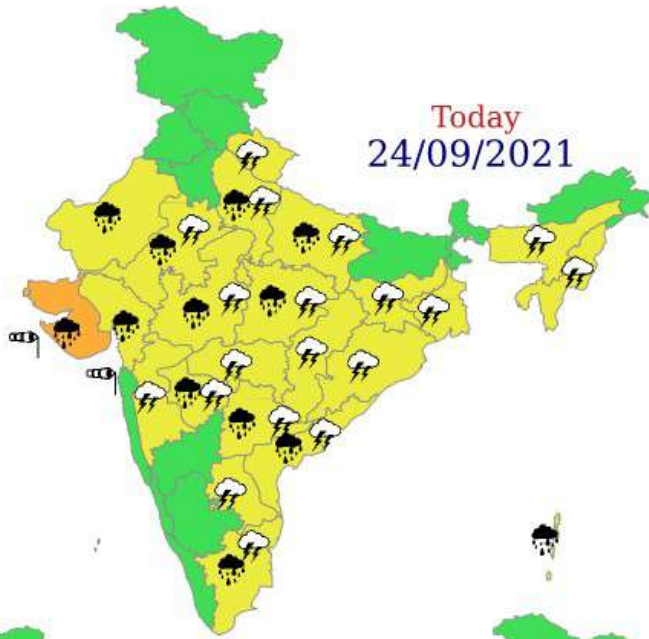
Squally weather (wind speed 45-55 kmph to gusting 65 kmph) likely Northwest and adjoining Westcentral Bay of Bengal and along and off Odisha, West Bengal and North Andhra Pradesh coasts during 25th-27th September, 2021. Fishermen are advised not to venture into these areas.

ii) Fairly widespread to widespread rainfall with isolated **heavy falls** very likely over East Rajasthan, West Madhya Pradesh, Gujarat state and Konkan & Goa during next 5 days. **Isolated very heavy falls** is also very likely over Gujarat Region on 25th, 26th & 27th; over Saurashtra & Kutch on 26th & 27th September, 2021.

iii) Rainfall activity is very likely to increase over Kerala & Mahe with fairly widespread to widespread rainfall and isolated heavy falls from 25th September, 2021 and over Lakshadweep area from 26th September, 2021.

For detailed forecast and warning refer:

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



EXPECTED IMPACT & ACTION SUGGESTED due to Very Heavy Rainfall over Odisha on 26th & 27th; over Coastal Andhra Pradesh & Yanam on 26th; over Gujarat Region on 25th, 26th & 27th and over Saurashtra & Kutch on 26th & 27th September, 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 kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized 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.

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



24-hour accumulated rainfall (7 cm or more) realised over the country (from 0830 hrs IST of 23rd to 0830 hrs IST of 24th September, 2021)

Saurashtra & Kutch: Jamnagar-19, Kutch-9, Dwarka-7.

Gujarat region: Valsad-13, Banaskantha-10, Navsari, Surat-10, Narmada-7.

East Uttar Pradesh: Fatehpur-14, Amethi-10, Deoria-8.

West Uttar Pradesh: Saharanpur-10.

Punjab: Ludhiana-13, Patiala, Kapurthala-12 each, Fatehgarh Sahib-10, Jalandhar-8, Hoshiarpur-7.

Haryana- Kurukshetra-15, Hissar-13, Karnal-12, Yamunanagar-11, Ambala-8.

Himachal Pradesh: Bilaspur-18, Solan, Sirmaur-7 each.

Andaman & Nicobar Islands: Maya Bandar-12.

East Madhya Pradesh: Seoni-9.

West Madhya Pradesh: Alirajpur-7.

Marathwada: Beed-10, Osmanabad, Latur-9 each, Parbhani-8.

West Rajasthan: Barmer-8, Hanumangarh-7.

East Rajasthan: Bhilwara, Jhunjhunu-10 each.

Tamilnadu: Salem, Tiruvarur-9 each, Perambalur-8, Karur, Tiruppur, Trichy-7 each.

Telangana: Bhuvanagiri-7.