



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 10th September, 2021

Time of Issue: 1315 hrs IST

Subject: i) Enhanced rainfall activity very likely to continue over Gujarat state, East Rajasthan and west MP during next 5 days.

ii) Enhance rainfall activity over northwest India during 10th -11th September, 2021.

iii) Increase in Rainfall activity over east Central India and West coast from 12th September.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Gujarat Region: Sabarkantha and Aravalli-9 each; Deesa and Gandhinagar-8 each; **Uttarakhand:** Dehradun-11; Rudraprayag and Uttarkashi-7 each; **Chhattisgarh:** Mungeli-8; Durg and Rajnandgaon-7 each; **West Rajasthan:** Barmer-7 each; **East Rajasthan:** Sirohi-12; Udaipur-8; Chittorgarh and Rajsamand-7 each; **Jammu & Kashmir:** Muzaffarabad-8; **East Madhya Pradesh:** Katni-7; **West Madhya Pradesh:** Mandasaur and Datia-8 each; Sheopur-7; **Himachal Pradesh:** Shimla and Mandi-8 each; **Andaman & Nicobar Islands:** Maya Bandar and Hut Bay-8 each; **Punjab:** Jalandhar-11; Taran and Bhatinda-9 each; **Bihar:** Kishanganj-9; Gaya-8; **Konkan & Goa:** North Goa-9; **Madhya Maharashtra:** Kolhapur-7; **Vidarbha:** Gondia-8.

Weather Systems:

- A Low Pressure Area lies over East Rajasthan & neighbourhood with associated cyclonic circulation extending upto middle tropospheric levels tilting southwestwards with height.
- The monsoon trough lies south of its normal position. It is very likely to be south of its normal position during next 2-3 days.
- A trough runs from Northeast Arabian Sea to Eastcentral Bay of Bengal across Gujarat, cyclonic circulation associated with Low Pressure Area over East Rajasthan & neighbourhood, Madhya Pradesh, Chhattisgarh, cyclonic circulation over Odisha between 3.1 km & 7.6 km above mean sea level tilting southwards with height.

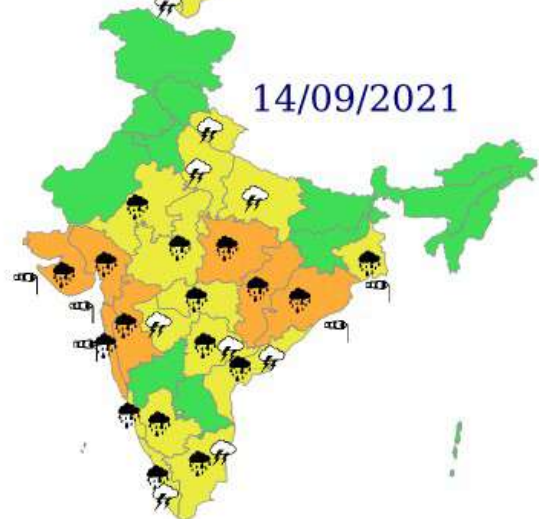
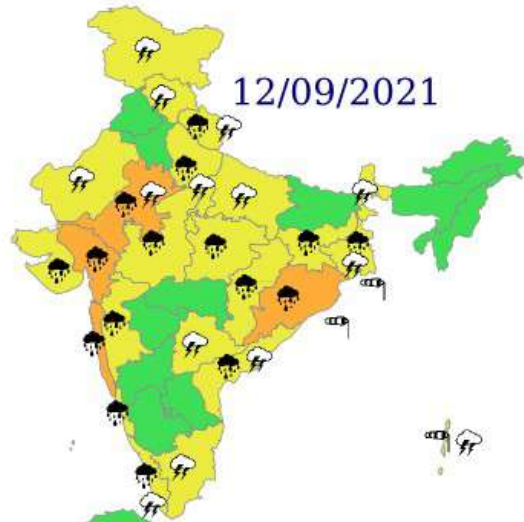
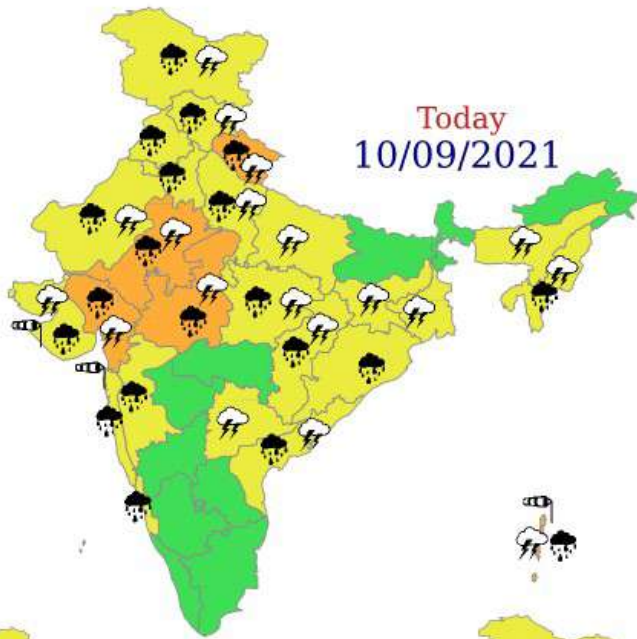
- A cyclonic circulation lies over Eastcentral Bay of Bengal & neighbourhood and extends upto 7.6 km above mean sea level. Under its influence, a Low Pressure Area is likely to form over Central Bay of Bengal during next 24 hours. **It is very likely to move west-northwestwards and concentrate into a Depression during subsequent 48 hours.**
- In association with likely formation of a Low Pressure area and its west-northwestward movement and also its further intensification, strengthening of lower level westerlies along the west coast are also very likely.

Weather forecast and Warning:

- ✓ Fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over Konkan & Goa, Odisha, Chhattisgarh during 12th-14th September. **Isolated extremely heavy falls also likely over Odisha on 13th and Konkan & Goa during 13th-14th September.**
- ✓ Scattered to fairly widespread rainfall likely to continue over Peninsular India during next 5 days. Isolated heavy falls are likely over Coastal Andhra Pradesh and Coastal Karnataka during next 5 days; over Kerala during 12th-14th; over South Interior Karnataka during 13th-14th and over Telangana and Tamilnadu, Puducherry & Karaikal on 14th September.
- ✓ Fairly widespread to widespread rainfall with isolated heavy falls are likely to continue over Gujarat State, East Rajasthan and Madhya Pradesh during 10th -15th September. Isolated heavy to very heavy falls also likely over Gujarat state during 13th-14th ; over East Rajasthan during 10th – 12th; over West Madhya Pradesh on 10th and over East Madhya Pradesh on 14th September.
- ✓ Rainfall activity is likely to increase with isolated heavy falls over Western Himalayan Region & adjoining Northwest India during 10th -12th September. Isolated heavy to very heavy falls are likely over Uttarakhand on 10th & 11th; over Punjab on 10th and isolated heavy falls are likely over Jammu division on 10th; Punjab on 11th; Himachal Pradesh, West Rajasthan and Haryana on 10th & 11th; over West Uttar Pradesh during 10th-12th and over Uttarakhand on 12th & 13th September.

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

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



EXPECTED IMPACT & ACTION SUGGESTED due to **very Heavy/Extremely heavy Rainfall** over Uttarakhand during 10th-11th; East Rajasthan during 10th-12th; West Madhya Pradesh on 10th; Odisha during 12th-14th ; Gujarat Region on 10th & 12th-14th; Saurashtra & Kutch on 13th & 14th; Konkan & Goa on 11th- 14th; over East Madhya Pradesh on 14th; over Chhattisgarh & Madhya Maharashtra on 13th&14th 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 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.

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

