



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 12th September, 2021

Time of Issue: 1330 hrs IST

Subject: i) Well Marked Low Pressure Area likely to concentrate into a Depression during next 12 hours.

ii) Isolated Heavy to very Heavy rainfall activity very likely to continue over Gujarat state, north Konkan, north Madhya Maharashtra and East Rajasthan during next 5 days.

iii) Isolated Extremely Heavy Rainfall activity over Odisha & Chhattisgarh during next 2 days.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Haryana: Rohtak-15, Sonapat-10, Faridabad, Jhajjar, Rewari, Hosiarpur & Kapurthala-7 each; **Konkan & Goa:** Matheran-14, Palghar & Thane-7 each; **Odisha:** Paradip-13; **Madhya Maharashtra:** Satna & Mahabaleshwar-11 each, Nasik-10, Pune-9; **East Rajasthan:** Kotda-11, Alwar, Ghatol & Sarmathura-7 each; **Chhattisgarh:** Bilha-10, Seovrinarayan-9, Pharasgaon-8, Patharia-7; **Vidarbha:** Chandrapur-10; **Tamil Nadu:** Valprai-9; **Saurashtra & Kutch:** Ghogha-9, Bhavanagar-8; **Gujarat Region:** Silvasa, Godhra, Dharmpur-8 each, Santrampur, Halol, Podra, Vadodra, Dhansura, Kaprada-7; **Uttarakhand:** Kashipur-7; **Delhi:** Pusa & Mayur Vihar-7 each; **West Rajasthan:** Sri Ganganagar-7; **East Madhya Pradesh:** Balaghat & Damoh-7 each; **Kerala & Mahe:** Wynad-10, Palakkad-7 each.

Weather Systems:

- A Well Marked Low Pressure Area lies over Northwest & adjoining Westcentral Bay of Bengal. It is very likely to move west-northwestwards and concentrate into a Depression over Northwest Bay of Bengal and adjoining areas of north Odisha-West Bengal coasts during next 12 hours. It is very likely to move west-northwestwards across north Odisha and north Chhattisgarh during subsequent 2-3 days.
- Another Low Pressure Area over East Rajasthan & neighbourhood now lies over southwest Rajasthan & adjoining Gujarat Region. The associated cyclonic circulation now extends upto 5.8 km above mean sea level tilting southwestwards with height.

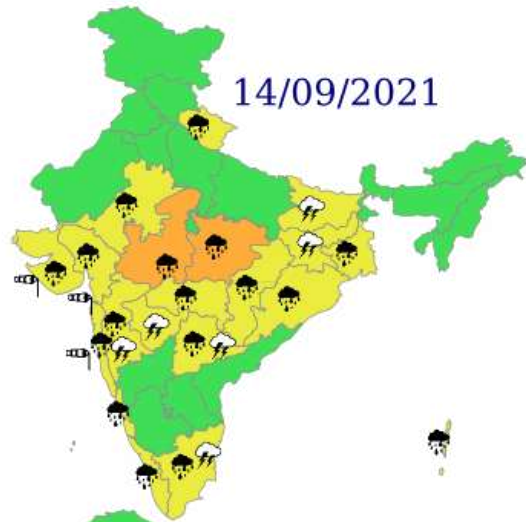
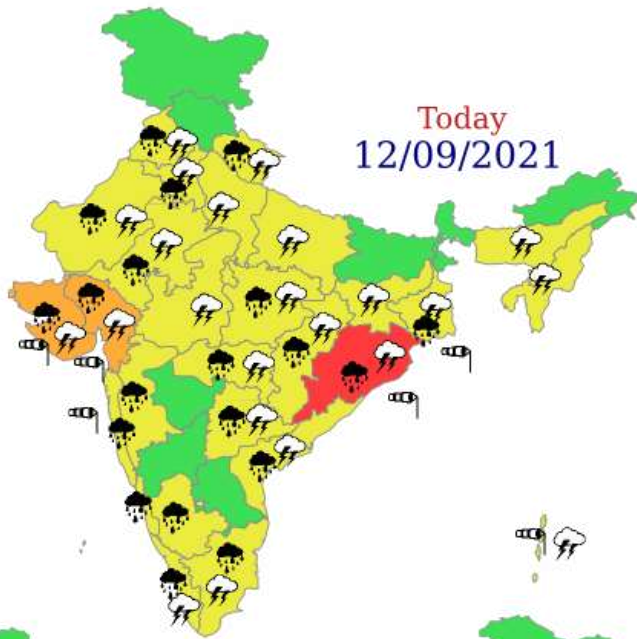
- The monsoon trough lies south of its normal position. It is very likely to be south of its normal position during next 3-4 days.
- In association with the Well Marked Low Pressure area and its west-northwestward movement and also its further intensification, lower level westerlies are very likely to strengthen along the west coast during next 5 days.

Weather forecast and Warning:

- ✓ Fairly widespread to widespread rainfall **with isolated heavy to very heavy falls** very likely over north Konkan, north Madhya Maharashtra, Gujarat State, East Rajasthan, Madhya Pradesh during next 5 days and over Vidarbha, Chhattisgarh & Odisha during next 5 days. **Isolated extremely heavy falls** are likely over Odisha during 12th-13th; north Konkan, north Madhya Maharashtra & Chhattisgarh on 13th September. Gujarat state and 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 & South Interior Karnataka, Tamilnadu, Puducherry & Karaikal and Kerala during next 3 days. Isolated very heavy falls are likely over Coastal Andhra Pradesh on 12th & over Telangana on 13th September.
- ✓ Isolated to scattered rainfall activity likely over Punjab, Haryana, Chandigarh & Delhi and Uttar Pradesh during next 5 days. Fairly widespread to widespread rainfall activity with **isolated heavy falls** likely over Uttarakhand during 12th-16th 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 north Konkan, Madhya Maharashtra and Gujarat State during 12th-14th; East Rajasthan on 15th & 16th; Madhya Pradesh during 14th- 15th; Chhattisgarh & Odisha on 12th & 13th, 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)



Heavy Rain



Strong Winds



Thunderstorm with Lightning

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