



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 14th September, 2021

Time of Issue: 1330 hrs IST

Subject: i) Current spell of Heavy to very heavy rainfall at a few places & extremely heavy falls at isolated places very likely to continue over Chhattisgarh today, the 13th September and reduce thereafter.

ii) Enhanced rainfall activity of heavy to very heavy rainfall spell likely to continue over Gujarat State till 16th September and over Madhya Pradesh on 14th and 15th September.

iii) Increase in rainfall over parts of plains of northwest India with fresh spell of heavy rainfall at isolated places over Haryana, Rajasthan and west Uttar Pradesh from 16 September.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Given at annexure

Weather Systems:

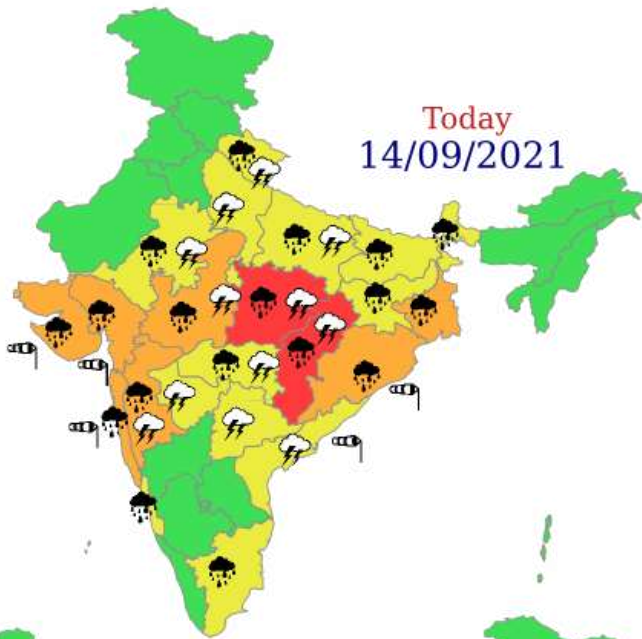
- The Deep Depression over north interior Odisha moved further west-northwestwards during past 6 hours with a speed of 21 kmph, weakened into a Depression and lay centred at 0830 hrs IST of today, the 14th September, 2021, over north Chhattisgarh & adjoining north interior Odisha, near latitude 22.1°N and longitude 83.4°E, about 80 km west-northwest of Jharsiguda (Odisha) and about 120 km south-southeast of Ambikapur (Chhattisgarh). It is very likely to continue to move west-northwestwards across north Chhattisgarh & Madhya Pradesh and weaken into a well marked low pressure area during the next 48 hours.
- The Low Pressure Area over Gujarat region & neighbourhood has become less marked. However, the associated cyclonic circulation now lies over south Gujarat Region and extends upto 5.8 km above mean sea level.
- The monsoon trough lies south of its normal position. It is very likely to remain south of its normal position during next 3-4 days.

Weather forecast and Warning:

- ✓ Fairly widespread to widespread rainfall over Chhattisgarh, Gangetic West Bengal and Interior Odisha **with isolated heavy to very heavy falls on 14th** and reduction in intensity thereafter. **Isolated extremely heavy falls** are also very likely over Chhattisgarh on 14th September.
- ✓ 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 3-4 days. **Isolated extremely heavy falls** are likely over East Madhya Pradesh on 14th & 15th September, over Gujarat state and over West Madhya Pradesh on 15th.
- ✓ Increase in rainfall over parts of plains of northwest India with fresh spell of heavy rainfall at isolated places over Haryana, Rajasthan and west Uttar Pradesh from 16 September.

[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/Extremely heavy Rainfall** over Gujarat State, West Madhya Pradesh during 14th-16th; north Konkan, East Madhya Pradesh on 14th & 15th; over Madhya Maharashtra, Interior Odisha, Chhattisgarh and Gangetic West Bengal on 14th; over East Rajasthan on 16th & 17th 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 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:** 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

24 hours accumulated significant realised rainfall over country during 0830 hours IST of 12th to 0830 hours IST of 13th Sep., 2021 (in cm)

Odisha

Talcher (Angul) 39, Birmaharajpur (Sonepur) 37, Tikarpara (Angul) 35, Sonepur (Sonepur) 28, Boudhgarh (Boudhgarh) 26, Patnagarh (Bolangir) 25, Banarpal (Angul) 25, Bolangir (Bolangir) 24, Hindol (Dhenkanal) 24, Paikmal (Bargarh) 24, Kantamal (Boudhgarh) 23, Parjang (Dhenkanal) 23, Barmul (Nayagarh) 22, Belpada (Bolangir) 22, Bari (Jajpur) 21, Jenapur (Jajpur) 21, Phiringia (Kandhamal) 21, Gaisilet (Bargarh) 21, Mahanga (Cuttack) 21, Angul (Angul) 20, Nawapara (Nawapara) 20, Kamakhyanagar (Dhenkanal) 20, Tarva (Sonepur) 20, Athmalik (Angul) 20, Altuma (Dhenkanal) 19, Harabhanga (Boudhgarh) 19, Banki (Cuttack) 19, Gania (Nayagarh) 19, Narsinghpur (Cuttack) 19, Rajkishorenagar (Angul) 18, Phulbani (Kandhamal) 18, Kankadahad (Dhenkanal) 18, Agalpur (Bolangir) 18, Jharbandh (Bargarh) 17, Binjharpur (Jajpur) 17, Bhuban (Dhenkanal) 17, Dhenkanal (Dhenkanal) 17, Daitari (Keonjhar) 16, Athgarh (Cuttack) 16, Khairamal (Boudhgarh) 16, Rajghat (Balasore) 16, Chandikhol (Jajpur) 16, Khaprakhol (Bolangir) 16, Padampur (Bargarh) 16, Ullunda (Sonepur) 15, Salebhatta (Bolangir) 15, Sukinda (Jajpur) 14, Danagadi (Jajpur) 14, Tikabali (Kandhamal) 14, Balasore (Balasore) 13, Telkoi (Keonjhar) 13, Komna (Nawapara) 13, Tigiria (Cuttack) 13, Salepur (Cuttack) 13, Naraj (Cuttack) 13, Dunguripalli (Sonepur) 12, Daspalla (Nayagarh) 12, Cuttack (Cuttack) 12, Jaleswar (Balasore) 11, Korei (Jajpur) 11, Loisingha (Bolangir) 11, Jajpur (Jajpur) 11, Rairakhol (Sambalpur) 11, Rengali (Angul) 10, Turekela (Bolangir) 10, Saintala (Bolangir) 10, Barpalli (Bargarh) 9, Madanpur Rampur (Kalahandi) 9, Jagannath Prasad (Ganjam) 9, Karlamunda (Kalahandi) 9, Harichandanpur (Keonjhar) 9, Burla (Sambalpur) 9, Baliguda (Kandhamal) 9, Chendipada (Angul) 9, Kaniha (Angul) 9, Atabira (Bargarh) 9, K Nuagaon (Kandhamal) 9, Kotagarh (Kandhamal) 9, Chandbali (Bhadrak) 8, Bhadrak (Bhadrak) 8, Akhuapada (Bhadrak) 8, Nh5 Gobindpur (Balasore) 8, Kalinga (Kandhamal) 8, Pallahara (Angul) 8, Kujanga (Jagatsinghpur) 8, Rajkanika (Kendrapara) 8, Raikia (Kandhamal) 8, G Udayagiri (Kandhamal) 8, Bargarh (Bargarh) 8, Similiguda (Koraput) 8, Daringibadi (Kandhamal) 8, Bonth (Bhadrak) 8, Batli (Bargarh) 8, Mundali (Cuttack) 8, Dhamnagar (Bhadrak) 8, Jujumura (Sambalpur) 8, Bhograi (Balasore) 7, Nawana (Mayurbhanj) 7, Anandpur (Keonjhar) 7, Belaguntha (Ganjam) 7, Khandapara (Nayagarh) 7, Bijepur (Bargarh) 7, Niali (Cuttack) 7, Kaptipada (Mayurbhanj) 7, Narla (Kalahandi) 7, Bhanjnagar (Ganjam) 7, Nischintakoili (Cuttack) 7, Belgaon (Bolangir) 7, Betanati (Mayurbhanj) 7

Gujarat Region:

Kaprada 19, Dharampur 17, Waghai 14, Valsad 13, Valsadkvwkaws 12, Dholera 11, Umergam 11, Dangs 11, Vansda 10, Quant 9, Uchchhal 9, Khergam 9, Surat City 8, Subir 8, Daman_arg 8, Chhota Udepur 8, Mangrol 7, Pardi 7, Surat 7

Saurashtra & Kutch:

Lodhika 52, Visavadar 47, Kalavad 41, Dhoraji 25, Targhadia 24, Junagadh 21, Kotdasangani 21, Rajkot 20, Junagarh 20, Keshod 20, Gondal 19, Jamkandorna 19, Paddhari 18, Ranavav 16, Talala 15, Mendarda 15, Porbandar 14, Malia 13, Vanthali 12, Jamnagar 12, Jamjodhpur 12, Upleta 12, Dhrol 11, Manavadar 11, Vadia 11, Bhesan 11, Lalpur 10, Kutiana 10, Bhanvad 10, Kalyanpur 10, Jetpur 9, Tankara 9, Jamnagarkvkaws 9, Una 8, Veraval 8, Diu (dist Diu) 8, Gir Gadhada 7, Dwarka 7

Chhattisgarh:

Gariabund-20, Basana-19, Magarlod, Bagbahara & Chhura-14 each, Kurud-13, Rajim, Mahasamund & Saraipali-11 each, Raipur & Labhandih-10 each, Patan-9, Arang & Mana-raipur, Kartala & Abhanpur 8 each, Sakti, Bilaigarh, Saja & Gandai-7 each.

Konkan & Goa:

Palghar-14, North Goa, Thane-9 each, Raigad-8, south Goa-7:

Madhya Maharashtra:

Nasik-20, Satara-13, Kolhapur-11, Ahmednagar, Nandurbar, Pune-7 each.

Gangetic West Bengal:

Lalgarh, contai-11 each, Kalaikunda, Digha-10 each, Jhargram-9, Kangsabati-7

Sub-Himalayan West Bengal:

Alipurduar-11, Barobhiga-8, Cooch Behar, Chepan-7.

East Uttar Pradesh:

Sitapur-8.

Uttarakhand:

Chakrata (Dehradun)-8

Rajasthan:

Churu, Sikar-7 each.