



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 09th August, 2022
Time of Issue: 1230 hrs IST

Subject: (i) Depression over coastal Odisha & neighbourhood.
(ii) Intense wet spell over Odisha, Chhattisgarh, Vidharbha, Gujarat, Konkan & Goa and ghat areas of Madhya Maharashtra during next 2 days.

Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annex I for activities and amounts)

Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)

- The monsoon trough is active and lies south of its normal position. It will continue to remain so during next 3 days.
- The **Well Marked Low Pressure Area** over coastal areas of Odisha & Northwest Bay of Bengal moved slowly west-northwest concentrated into a **Depression** and lay centered at 0830 hrs IST of today, the 9th Aug 2022, over coastal Odisha & neighbourhood near Lat. 20.8°N and Long. 85.6°E, about 70 km north-northwest of Bhubaneswar (Odisha). It is likely to move gradually west-northwestwards, maintain its intensity today and then weaken into well marked low pressure area over Chhattisgarh and neighbourhood tomorrow, the 10th August, 2022.
- An east-west shear zone runs roughly along 20°N over North Peninsular India in middle tropospheric levels. It is likely to persist during next 3-4 days.
- **Under the influence of above systems:**
 - Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Gangetic West Bengal during 09th-11th & 13th; Jharkhand on 10th, 11th & 13th; Odisha during 09th-13th; Arunachal Pradesh on 09th; Assam & Meghalaya on 09th & 13th and over Nagaland, Manipur, Mizoram & Tripura on 09th, 10th & 13th August, 2022.
 - ✓ **Isolated very heavy rainfall also likely over Odisha on 10th & 13th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over Odisha on 09th August, 2022.**
 - Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Madhya Pradesh, Chhattisgarh & Konkan & Goa during 09th-13th; Vidarbha and ghat areas of Madhya Maharashtra during 09th-11th; Gujarat State during 09th-12th and over Marathwada on 09th August, 2022.
 - ✓ **Isolated very heavy rainfall likely over West Madhya Pradesh during 09th-12th; East Madhya Pradesh and Gujarat state during 09th-11th; Chhattisgarh, Vidarbha, ghat areas of Madhya Maharashtra & Konkan & Goa on 09th & 10th August, 2022.**
 - ✓ **Isolated/scattered extremely heavy rainfall also likely over Chhattisgarh, Vidarbha, Gujarat Region, Konkan & Goa and ghat areas of Madhya Maharashtra on 09th and over Saurashtra & Kutch on 10th August, 2022.**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Telangana and ghat areas of Tamil Nadu on 09th; Coastal Andhra Pradesh & Yanam on 09th & 13th; Coastal Karnataka during 09th-12th and over Interior Karnataka and Kerala & Mahe during 09th-11th August, 2022.
 - ✓ **Isolated very heavy rainfall likely over South Interior Karnataka and Tamilnadu on 09th August, 2022.**

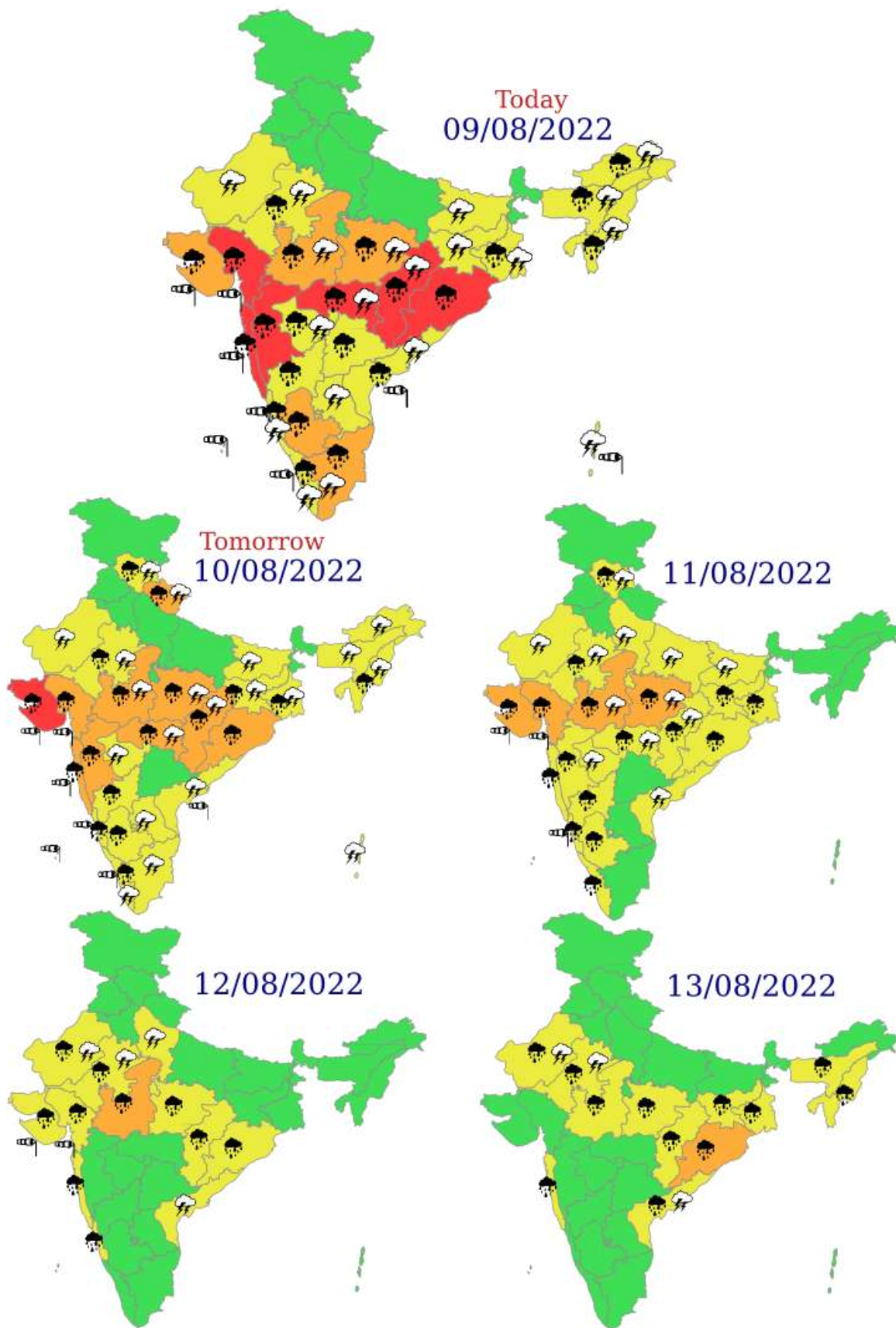
- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over southeast Rajasthan during 09th-13th; West Rajasthan on 12th & 13th; Himachal Pradesh on 09th & 10th; Uttarakhand on 10th August, 2022.
- ✓ **Isolated very heavy rainfall also likely over Uttarakhand on 10th August, 2022.**

For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php

- **Heavy to very heavy rainfall** with **extremely heavy falls** occurred at isolated places over Vidarbha, Konkan & Goa and Tamilnadu; **heavy to very heavy rainfall** at isolated places over Odisha, Chhattisgarh, Madhya Maharashtra, South Interior Karnataka and Kerala and **heavy rainfall** at isolated places over Gujarat, Mizoram, Uttarakhand, East Rajasthan, Telangana and Coastal & North Interior Karnataka.

Rainfall (in cm):

- ❖ **Konkan & Goa:** Lanja (dist Ratnagiri) 33, Tala (dist Raigad) 21, Mhasla (dist Raigad) 19, Mandangad (dist Ratnagiri) 17, Mangaon (dist Raigad) 16, Sangameshwar Devrukh (dist Ratnagiri) 14, Pen (dist Raigad) 14, Chiplun (dist Ratnagiri) 14, Roha (dist Raigad) 13, Ratnagiri - Imd Obsy (dist Ratnagiri) 13, Dapoli_agri (dist Ratnagiri) 13, Matheran (dist Raigad) 13, Sudhagad Pali (dist Raigad) 13, Mahad (dist Raigad) 12, Wakwali_agri (dist Ratnagiri) 12, Poladpur (dist Raigad) 12, Santacruz - Imd Obsy (dist Mumbai Suburban) 12, Murud (dist Raigad) 12, Shriwardhan (dist Raigad) 12, Khed (dist Ratnagiri) 11, Vasai (dist Palghar) 11, Khalapur (dist Raigad) 10, Harnai Imd Obsy (dist Ratnagiri) 9, Tbia Imd Part Time (dist Thane) 8, Karjat_agri (dist Raigad) 8, Vaibhavwadi (dist Sindhudurg) 8, Kalyan (dist Thane) 7, Ambernath (dist Thane) 7, Shahapur (dist Thane) 7, Valpoi (dist North Goa) 7, Rajapur (dist Ratnagiri) 7,
- ❖ **Tami Nadu:** Upper Bhavani (dist Nilgiris) 22, Avalanche (dist Nilgiris) 19, G Bazar (dist Nilgiris) 17, Sholayar (dist Coimbatore) 12, Chinnakalar (dist Coimbatore) 11, Valparai PTO (dist Coimbatore) 10, Valparai PAP (dist Coimbatore) 9, Cincona (dist Coimbatore) 9, Taluk office Pandalur (dist Nilgiris) 9, Valparai Taluk Office (dist Coimbatore) 8, Devala (dist Nilgiris) 8, Glenmorgan (dist Nilgiris) 8, Periyar (dist Theni) 7, Emeraldal (dist Nilgiris) 7.
- ❖ **Madhya Maharashtra:** Radhanagari (dist Kolhapur) 20, Mahabaleshwar- Imd Obsy (dist Satara) 19, Shahuwadi (dist Kolhapur) 15, Lonavala_agri (dist Pune) 14, Ajra (dist Kolhapur) 8, Velhe (dist Pune) 8, Chopda (dist Jalgaon) 7, Patan (dist Satara) 7, Kagal (dist Kolhapur) 7,
- ❖ **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 19, Hunchadakatte (dist Shivamogga) 13, Kalasa (dist Chikkamagaluru) 12, Ponnampet Pwd (dist Kodagu) 10, Jayapura (dist Chikkamagaluru) 9, Bhagamandala (dist Kodagu) 8, Sringeri Hms (dist Chikkamagaluru) 7, Sakleshpura (dist Hassan) 7, Tyagarthi (dist Shivamogga) 7, Koppa (dist Chikkamagaluru) 7,
- ❖ **Chhattisgarh:** Bhairamgarh (dist Bijapur) 16, Bakavand (dist Bastar) 10, Katekalyan (dist Dantewada) 10, Arang (dist Raipur) 9, Darbha (dist Bastar) 8, Pakhanjur (dist Kanker) 8, Mana-raipur-ap (dist Raipur) 8, Dhamtari (dist Dhamtari) 8, Gurur (dist Balod) 7, Magarlod (dist Dhamtari) 7, Nagari (dist Dhamtari) 7, Bijapur (dist Bijapur) 7, Bastanar (dist Bastar) 7.
- ❖ **Kerala:** Wayanad: Mananthavady-16, Vythiri-9; Palakkad-7; Idukki: Munnar-8.
- ❖ **Gujarat Region:** Daman_arg (dist Daman) 10, Umergam (dist Valsad) 9, Dahod (dist Dahod) 8, Daman (dist Daman) 8, Lakhani (dist Banaskantha) 7, Jhalod (dist Dahod) 7, Dahod_kvks Aws (dist Dahod) 7.
- ❖ **Saurashtra & Kutch:** Upleta (dist Rajkot) 10, Keshod (dist Junagadh) 9, Jamkandorna (dist Rajkot) 9, Bagasra (dist Amreli) 7, Ranavav (dist Porbandar) 7, Babra (dist Amreli) 7, Sutrapada (dist Gir Somnath) 7, Mendarda (dist Junagadh) 7.
- ❖ **Uttarakhand:** Rudraprayag: Ukhimath-8.
- ❖ **Odisha:** Nawarangpur and Nayagarh-16 each; Ganjam and Gajapati-14 each; Rayagada, Cuttack and Kalahandi-11 each; Koraput-10,
- ❖ **Coastal Karnataka:** Gersoppa (dist Uttara Kannada) 10, Siddapur (dist Uttara Kannada) 9, Yellapur (dist Uttara Kannada) 9, Kadra (dist Uttara Kannada) 7, Manchikere (dist Uttara Kannada) 7,
- ❖ **North Interior Karnataka:** Londa (dist Belagavi) 8, Khajuri (dist Kalaburgi) 8,
- ❖ **Telangana:** Wankdi (dist Kumaram Bheem) 9, Kerameri (dist Kumaram Bheem) 7,
- ❖ **West Madhya Pradesh:** Pipariya (dist Narmadapuram) 11, Goharganj (dist Raisen) 9, Jhirnya (dist Khargone) 9, Shahpur (dist Betul) 8, Bhabhra (dist Alirajpur) 7, Amla (dist Betul) 7,
- ❖ **East Madhya Pradesh:** Amarwara (dist Chindwara) 7, Lakhnadon (dist Seoni) 7,
- ❖ **Mizoram:** Shaiha Saiha(Agri) 7.



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

Isolated extremely heavy rainfall over Odisha, Chhattisgarh, Vidarbha, Gujarat Region, Konkan & Goa and ghat areas of Madhya Maharashtra on 09th and over Saurashtra & Kutch on 10th August, 2022.

A. Impact Expected

- Localized Flooding of roads, 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:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and 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

