



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 08th August, 2022
Time of Issue: 1250 hrs IST

Subject: (i) Well Marked Low Pressure Area over Northwest Bay of Bengal & adjoining area of coastal Odisha, north Coastal Andhra Pradesh & Westcentral Bay of Bengal.
(ii) Intense wet spell over Odisha, Chhattisgarh, Vidharbha, Gujarat, Konkan & Goa, ghat areas of Madhya Maharashtra and Telangana during next 2-3 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 4-5 days.
- A **Well Marked Low Pressure Area** over Northwest Bay of Bengal & adjoining coastal Odisha, north Coastal Andhra Pradesh & adjoining Westcentral Bay of Bengal. It is likely to concentrate into a **Depression** during next 24 hours and move west-northwestwards across Odisha and Chhattisgarh.
- An east-west shear zone runs roughly along 19°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; Jharkhand on 10th & 11th; Odisha during 08th-12th; Assam & Meghalaya on 08th & 09th and over Nagaland, Manipur, Mizoram & Tripura on 08th, 09th & 12th August, 2022.
 - ✓ **Isolated very heavy rainfall also likely over Odisha on 10th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over Odisha on 08th & 09th August, 2022.**
 - Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Madhya Pradesh, Vidarbha, Chhattisgarh, ghat areas of Madhya Maharashtra & Konkan & Goa during 08th-12th; Gujarat State during 08th-11th and over Marathwada during 08th-10th August, 2022.
 - ✓ **Isolated very heavy rainfall likely over West Madhya Pradesh during 10th-12th; East Madhya Pradesh during 08th-12th; Chhattisgarh during 09th-11th; Vidarbha on 10th & 11th; Marathwada on 08th & 09th; Gujarat Region on 08th & 11th; Saurashtra & Kutch on 08th, 09th & 11th and over ghat areas of Madhya Maharashtra & Konkan & Goa on 11th August, 2022.**
 - ✓ **Isolated/scattered extremely heavy rainfall also likely over Chhattisgarh on 08th; Vidarbha on 08th & 09th; Konkan & Goa and ghat areas of Madhya Maharashtra during 08th-10th; Gujarat Region on 09th & 10th and over Saurashtra & Kutch on 10th August, 2022.**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Rayalaseema and ghat areas of Tamil Nadu on 08th; Telangana & Coastal Andhra Pradesh & Yanam on 08th & 09th; Karnataka and Kerala & Mahe during 08th-11th August, 2022.
 - ✓ **Isolated very heavy rainfall likely over North Interior Karnataka and Kerala & Mahe on 08th; Telangana on 09th; Coastal & South Karnataka on 08th & 09th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over Telangana on 08th August, 2022.**

- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over southeast Rajasthan during 08th-12th; East Uttar Pradesh & Himachal Pradesh on 11th; West Uttar Pradesh on 12th August, 2022.
- ✓ **Isolated very heavy rainfall also likely over Uttarakhand on 10th and over East Rajasthan on 12th August, 2022.**

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

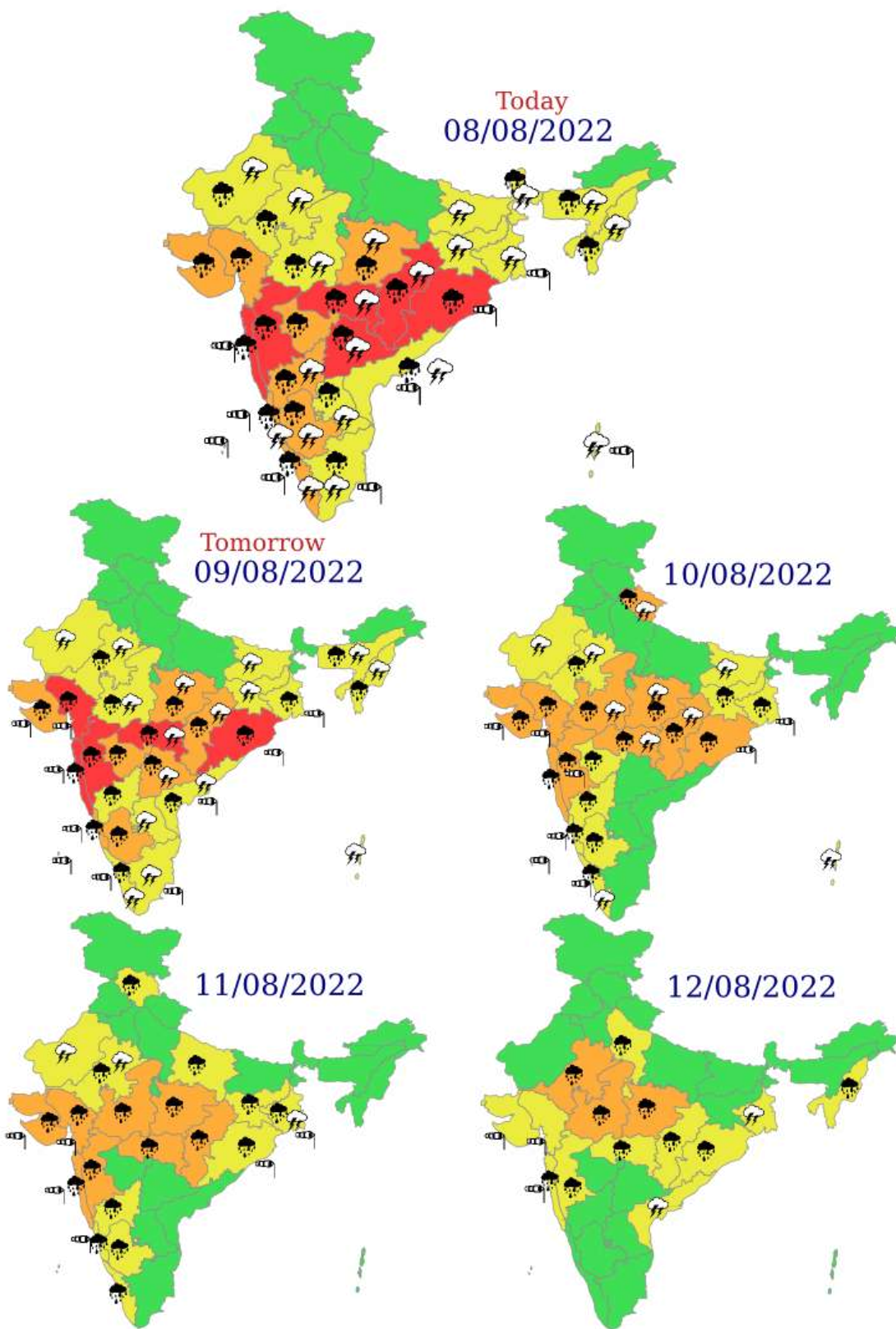
Annexure I

- **Heavy to very heavy rainfall** with **extremely heavy falls** occurred at isolated places over Vidarbha, Chhattisgarh, Konkan & Goa and Odisha; **heavy to very heavy rainfall** at isolated places over Madhya Maharashtra, Gujarat Region, Tamil Nadu, Coastal & South Interior Karnataka and **heavy rainfall** at isolated places over Himachal Pradesh, Madhya Pradesh, Haryana, Rajasthan, Assam, Arunachal Pradesh, Saurashtra & Kutch, Telangana, Kerala, Coastal Andhra Pradesh & Yanam.

Rainfall (in cm):

- ❖ **Chhattisgarh:** Katekalyan (dist Dantewada) 36, Bastanar (dist Bastar) 20, Bijapur (dist Bijapur) 20, Chhindgarh (dist Sukma) 18, Usoor (dist Bijapur) 15, Pakhanjur (dist Kanker) 15, Darbha (dist Bastar) 14, Gidam (dist Dantewada) 14, Konta (dist Sukma) 14, Lohandiguda (dist Bastar) 12, Tokapal (dist Bastar) 10, Dantewara (dist Dantewada) 10, Kuakonda (dist Dantewada) 10, Jagdalpur (dist Bastar) 10, Sukma (dist Sukma) 9, Bhairamgarh (dist Bijapur) 9, Deobhog (dist Gariaband) 9, Durg (dist Durg) 8, Balrampur (dist Balrampur) 8, Bhopalpatnam (dist Bijapur) 7;
- ❖ **Konkan & Goa:** Lanja (dist Ratnagiri) 29, Shriwardhan (dist Raigad) 25, Dapoli_agri (dist Ratnagiri) 22, Mhasla (dist Raigad) 21, Chiplun (dist Ratnagiri) 21, Guhagarh (dist Ratnagiri) 21, Mandangad (dist Ratnagiri) 20, Tala (dist Raigad) 18, Harnai Imd Obsy (dist Ratnagiri) 18, Wakwali_agri (dist Ratnagiri) 18, Ratnagiri - Imd Obsy (dist Ratnagiri) 15, Roha (dist Raigad) 15, Sangameshwar Devrukh (dist Ratnagiri) 14, Kudal (dist Sindhudurg) 14, Ambernath (dist Thane) 13, Jawhar (dist Palghar) 13, Mangaon (dist Raigad) 12, Vaibhavwadi (dist Sindhudurg) 12, Poladpur (dist Raigad) 11, Khed (dist Ratnagiri) 11, Kankavli (dist Sindhudurg) 11, Murud (dist Raigad) 10, Ulhasnagar (dist Thane) 10, Mahad (dist Raigad) 9, Rameshwar_agri (dist Sindhudurg) 9, Devgad (dist Sindhudurg) 7;
- ❖ **Odisha:** Nawrangpur:Dabugaon-23, Papadahandi-19, Koshagumuda-15, Koraput: Kotpad-19, Pottangi-15, Kalahandi: Junagarh-14, Malkangiri: Mathili-13, Ganjam: Aska-12, Dharakote-11, Gajapati: R. Udauyagiri-8;
- ❖ **Vidarbha:** Umrer (dist Nagpur) 21, Mulchera (dist Gadchiroli) 16, Etapalli (dist Gadchiroli) 11, Mul (dist Chandrapur) 11, Nagpur Aerodrome (dist Nagpur) 11, Maregaon (dist Yeotmal) 10, Gadchiroli (dist Gadchiroli) 10, Perseoni (dist Nagpur) 10, Selu (dist Wardha) 10, Pauni (dist Bhandara) 9, Mauda (dist Nagpur) 9, Warud (dist Amraoti) 9, Mohadi (dist Bhandara) 9, Katol (dist Nagpur) 9, Chamorshi (dist Gadchiroli) 9, Hingna (dist Nagpur) 9, Wardha (dist Wardha) 9, Kalamb (dist Yeotmal) 8, Zarizamni (dist Yeotmal) 8, Ralegaon (dist Yeotmal) 8, Kharangha (dist Wardha) 8, Narkheda (dist Nagpur) 8, Tumsar (dist Bhandara) 8, Hinganghat (dist Wardha) 8, Saoner (dist Nagpur) 8, Pombhurna (dist Chandrapur) 8, Pandherikawara (dist Yeotmal) 7;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 19, Igatpuri (dist Nashik) 13, Ajra (dist Kolhapur) 11, Radhanagari (dist Kolhapur) 11, Chandgad (dist Kolhapur) 11, Shahuwadi (dist Kolhapur) 9, Dindori (dist Nashik) 7;
- ❖ **Tami Nadu:** The Nilgiris: Avalanche, Devala & Upperbhavani-19 each, Upper Gudalur-18, Coimbatore: Chinnakalar-10, Valparai PAP-9, Cincona-7, Kanyakumari: Kanyakumari-9;
- ❖ **South Interior Karnataka:** Bhagamandala (dist Kodagu) 18, Napoklu (dist Kodagu) 14, Ponnampet Pwd (dist Kodagu) 9, Koppa (dist Chikkamagaluru) 8, Sakleshpura (dist Hassan) 7;
- ❖ **Coastal Karnataka:** Jagalbet (dist Uttara Kannada) 13, Dharmasthala (dist Dakshina Kannada) 8, Belthangadi (dist Dakshina Kannada) 8, Siddapura Arg (dist Udupi) 8, Siddapur (dist Uttara Kannada) 7;
- ❖ **Gujarat Region:** Nanipalson (dist Valsad) 12, Daman_arg (dist Daman) 8, Daman Fmo (dist Daman) 7, Daman (dist Daman) 7;
- ❖ **Kerala:** Munnar (Idukki district) 11, Vythiri (Wayanad district) 10, Idukki, Mannarkkad (Palakkad district); Mananthavady (Wayanad district) 7 each. Meenangadi ARG (Wayanad district) 6;
- ❖ **Telangana:** Bijjur(arg) (dist Kumaram Bheem) 11, Bejjur (dist Kumaram Bheem) 10, Julurpad (dist B. Kothagudem) 9, Asifabad (dist Kumaram Bheem) 9, Venkatapuram (dist Mulugu) 8, Peddapalle (dist

- Peddapalle) 8, Sathupalle (dist Khammam) 8, Asifabad(arg) (dist Kumaram Bheem) 8, Venkatapur (dist Mulugu) 8, Gandeed (dist Mahabubnagar) 7;
- ❖ **West Madhya Pradesh:** Mihona (dist Bhind) 11, Bagli (dist Dewas) 11, Roan (dist Bhind) 11, Pachmarhi (dist Narmadapuram) 9, Prabhat Pattan (dist Betul) 9, Lahar (dist Bhind) 8, Sonkatch (dist Dewas) 7;
 - ❖ **East Rajasthan:** Dholpur: Dholpur-11, Sapau-10, Udaipur: Gogunda-7, Alwar: Kishngarhwas-7;
 - ❖ **Himachal Pradesh:** Bilaspur: Naina Devi-11;
 - ❖ **West Rajasthan:** Sri Gananagar: Sri Gananagar-9, Bikaner: Lunkaransar-7;
 - ❖ **Coastal Andhra Pradesh & Yanam:** Chintapalle (dist Vishakhapatnam) 10;
 - ❖ **Haryana:** Punhana (dist Nuh) 8, Beri (dist Jhajjar) 5;
 - ❖ **East Madhya Pradesh:** Anuppur-aws (dist Anuppur) 8, Mohgaon (dist Mandla) 6;
 - ❖ **Assam:** Karbi Anglong-8, Majuli & Darrang-7 each;
 - ❖ **Arunachal Pradesh:** Itanagar & Yapia-7 each;
 - ❖ **Saurashtra & Kutch:** Lathi (dist Amreli) 7, Babra (dist Amreli) 7, Wankaner (dist Morbi) 6;



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

Isolated extremely heavy rainfall over Telangana & Chhattisgarh on 08th; Odisha and Vidarbha on 08th & 09th; Konkan & Goa and ghat areas of Madhya Maharashtra during 08th-10th; Gujarat Region on 09th & 10th 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

