



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 07th August, 2022
Time of Issue: 1315 hrs IST

Subject: (i) Well Marked Low Pressure Area over Northwest & adjoining Westcentral Bay of Bengal off Odisha and adjoining north Andhra Pradesh coasts.
(ii) Intense wet spell over Odisha during 07th to 10th; Konkan & Goa and ghat areas of Madhya Maharashtra during 07th-11th; Telangana during 07th to 09th; Chhattisgarh during 08th to 10th; Gujarat Region during 08th-11th; Saurashtra & Kutch during 09th to 11th August, 2022.

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 & adjoining Westcentral Bay of Bengal off Odisha and adjoining north Andhra Pradesh coasts. It is likely to concentrate into a **Depression** during next 48 hours and move west-northwestwards across Odisha and Chhattisgarh.
- An offshore trough at mean sea level runs from south Maharashtra coast to north Kerala coast.

Under the influence of above systems:

- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Jharkhand on 09th & 10th; Odisha on 10th, Andaman & Nicobar Islands on 07th & 08th and over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 07th-09th August, 2022.
- ✓ **Isolated very heavy rainfall also likely over Odisha on 08th & 10th and over Gangetic West Bengal on 09th & 10th August, 2022.**
- ✓ **Isolated extremely heavy rainfall also likely over Odisha on 07th & 09th August, 2022.**
- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Vidarbha and East Madhya Pradesh on 07th, 08th & 11th; Gujarat region on 07th; Saurashtra & Kutch on 07th & 08th; West Madhya Pradesh on 07th & 08th; Marathwada on 08th & 10th August, 2022.
- ✓ **Isolated very heavy rainfall also likely over West Madhya Pradesh during 09th-11th; East Madhya Pradesh & Vidarbha on 09th & 10th; Chhattisgarh on 08th & 10th; Gujarat Region on 08th; Saurashtra & Kutch on 09th & 10th; Marathwada on 09th August, 2022.**
- ✓ **Isolated/scattered extremely heavy rainfall also likely over Chhattisgarh on 09th; Konkan & Goa and ghat areas of Madhya Maharashtra during 07th-11th; Gujarat Region during 09th -11th; Saurashtra & Kutch on 11th August, 2022.**
- Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Coastal Andhra Pradesh & Yanam on 08th & 09th; North Interior Karnataka & Kerala & Mahe during 07th-11th; Rayalaseema on 07th; coastal & south Interior Karnataka on 10th & 11th August, 2022.
- ✓ **Isolated very heavy rainfall likely over Coastal Andhra Pradesh and Telangana on 07th; Coastal & South Karnataka during 07th-09th August, 2022.**
- ✓ **Isolated extremely heavy rainfall also likely over Telangana on 8th & 9th August, 2022.**

- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Himachal Pradesh, Uttarakhand, Punjab, Haryana, West Uttar Pradesh on 07th ; Rajasthan during 07th-09th August, 2022.
- ✓ **Isolated very heavy rainfall also likely over Uttarakhand on 10th and over East Rajasthan on 10th & 11th August, 2022.**

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

Annexure I

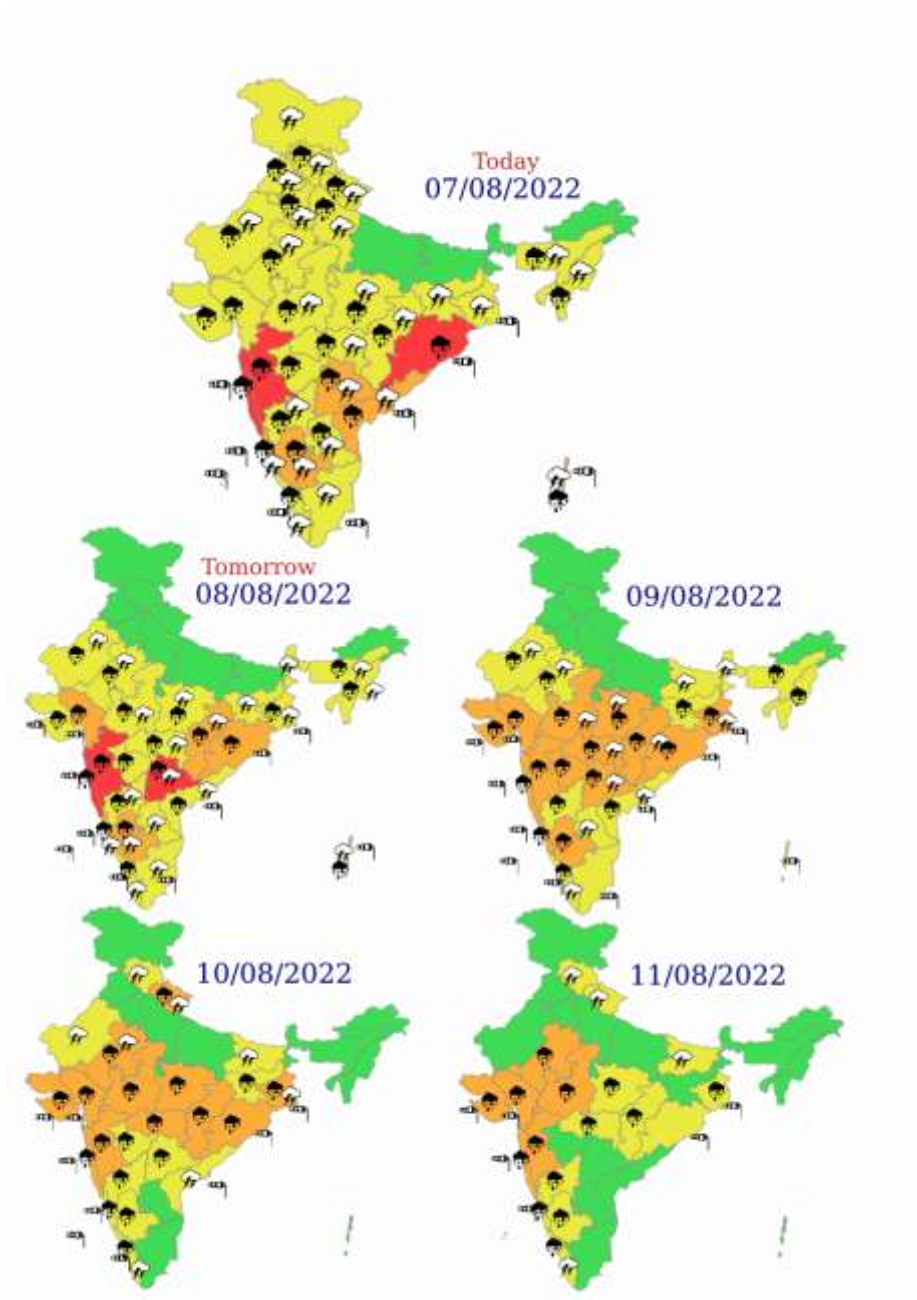
- **Heavy to very heavy rainfall** with **extremely heavy falls** occurred at isolated places over Konkan & Goa and Odisha; **heavy to very heavy rainfall** at isolated places over Uttarakhand, Madhya Maharashtra, Chhattisgarh, Coastal & South Interior Karnataka and Kerala & Mahe and **heavy rainfall** at isolated places over Himachal Pradesh, Assam, Gujarat state, Telangana, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Andaman & Nicobar Islands.

Rainfall (in cm):

- ❖ **Konkan & Goa:** Vaibhavwadi (dist Sindhudurg) 27, Kankavli (dist Sindhudurg) 22, Ratnagiri - Imd Obsy (dist Ratnagiri) 19, Devgad (dist Sindhudurg) 17, Rameshwar_agri (dist Sindhudurg) 15, Lanja (dist Ratnagiri) 13, Shriwardhan (dist Raigad) 13, Vengurla - Imd Pt (dist Sindhudurg) 11, Rajapur (dist Ratnagiri) 10, Sangameshwar Devrukh (dist Ratnagiri) 10, Tala (dist Raigad) 10, Murud (dist Raigad) 10, Kudal (dist Sindhudurg) 9, Sawantwadi (dist Sindhudurg) 8, Mandangad (dist Ratnagiri) 8, Harnai Imd Obsy (dist Ratnagiri) 7, Mangaon (dist Raigad) 7, Malvan (dist Sindhudurg) 7, Guhagarh (dist Ratnagiri) 7, Dapoli_agri (dist Ratnagiri) 7, Mhasla (dist Raigad) 7;
- ❖ **Odisha:** Barmul (Nayagarh) 23, Padmapur (Rayagada) 18, Tikabali (Kandhamal) 14, R Guda (Rayagada) 14, Jaipatna (Kalahandi) 12, Nuagada (Gajapati) 12, Raikia (Kandhamal) 12, Hindol (Dhenkanal) 12, Astaranga (Puri) 11, Puri (Puri) 11, Brahmagiri (Puri) 11, Sankheimundi (Ganjam) 11, Daspalla (Nayagarh) 11
- ❖ **Coastal Karnataka:** Kollur (dist Udupi) 16, Siddapur (dist Uttara Kannada) 11, Udupi (dist Udupi) 11, Nilkund Arg (dist Uttara Kannada) 10, Kota (dist Udupi) 10, Mangaluru Ap Obsy (dist Dakshina Kannada) 10, Dharmasthala (dist Dakshina Kannada) 9, Siddapura Arg (dist Udupi) 9, Gersoppa (dist Uttara Kannada) 9, Kundapur (dist Udupi) 9, Panambur Obsy (dist Dakshina Kannada) 9, Belthangadi (dist Dakshina Kannada) 9, Honavar Obsy (dist Uttara Kannada) 8, Puttur Hms (dist Dakshina Kannada) 8, Mani (dist Dakshina Kannada) 7, Mulki (dist Dakshina Kannada) 7, Kumta (dist Uttara Kannada) 7, Sulya (dist Dakshina Kannada) 7, Yellapur (dist Uttara Kannada) 7, Karkala (dist Udupi) 7;
- ❖ **South Interior Karnataka:** Bhagamandala (dist Kodagu) 16, Murnadu (dist Kodagu) 11, Somwarpet (dist Kodagu) 10, Napoklu (dist Kodagu) 9, Kalasa (dist Chikkamagaluru) 8, Koppa (dist Chikkamagaluru) 8, Hunchadakatte (dist Shivamogga) 8, Kammardi (dist Chikkamagaluru) 7, Sringeri Hms (dist Chikkamagaluru) 7;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 15, Radhanagari (dist Kolhapur) 9, Mahabaleshwar-Imd Obsy (dist Satara) 8, Ajra (dist Kolhapur) 7;
- ❖ **Uttarakhand:** Kapkot (dist Bageshwar) 13, Karnaprayag (dist Chamoli) 12, Roshnabad (dist Haridwar) 12, Rishikesh (dist Dehradun) 11, Narendranagar (dist Tehri) 11, Chamoli (dist Chamoli) 10, Uttarkashi (dist Uttarkashi) 8, Ganganagar (dist Rudraprayag) 8, Loharkhet (dist Bageshwar) 7;
- ❖ **Kerala & Mahe:** Mattannur ARG (Kannur district) 12, Kannur Airport AWS 11, Hosdurg (Kasaragod district) 10, Kudulu (Kasaragod district) 9, Kannur & Vythiri (Wayanad district) 7 each;
- ❖ **Chhattisgarh:** Bijapur (dist Bijapur) 12, Lohandiguda (dist Bastar) 9, Usoor (dist Bijapur) 8;
- ❖ **Tami Nadu:** Avalanche (dist Nilgiris) 11, Upper Bhavani (dist Nilgiris) 11, Pandalur Taluk Office (dist Nilgiris) 9, Haraisan Estate, Cherumulli (dist Nilgiris) 9, Chinnakalar (dist Coimbatore) 9;
- ❖ **Saurashtra & Kutch:** Dwarka (dist Devbhoomi Dwarka) 9, Umrala (dist Bhavnagar) 7, Dhari (dist Amreli) 7;
- ❖ **Telangana:** Aswaraopeta (dist B. Kothagudem) 9, Wankdi (dist Kumaram Bheem) 9, Aswaraopet(a) (dist B. Kothagudem) 8, Thollada (dist Khammam) 8, Manthani (dist Peddapalle) 8, Julurpad (dist B. Kothagudem) 8, Kotapalle (dist Mancherial) 8, Mulug (dist Mulugu) 7, Bejjur (dist Kumaram Bheem) 7, Kothaguda (dist Mahabubabad) 7, Kothagudem (dist B. Kothagudem) 7, Bijjur(arg) (dist Kumaram Bheem) 7, Peddapalle (dist Peddapalle) 7, Palakurthi (dist Jangaon) 7;

- ❖ **Himachal Pradesh:** Gohar (dist Mandi) 8, Palampur (dist Kangra) 7;
- ❖ **Andaman & Nicobar Islands:** Long island 9; Mayabunder 7;
- ❖ **Assam:** Manikpur ARG: 7
- ❖ **Coastal Andhra Pradesh & Yanam:** Koyyalagudem (dist West Godavari) 8, Palasa (dist Srikakulam) 7;
- ❖ **Gujarat Region:** Daman (dist Daman) 7;

Annexure II



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

Isolated extremely heavy rainfall over Odisha on 07th & 09th; Konkan & Goa and ghat areas of Madhya Maharashtra during 07th-11th; Telangana on 8th & 9th ; Chhattisgarh on 09th; Gujarat Region during 09th -11th; Saurashtra & Kutch on 11th 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)



Heavy Rain



Strong Winds

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



Thunderstorm with Lightning



Heat Wave