



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 11th September, 2022
Time of Issue: 1230 hrs IST

Subject: (i) The Depression over south Odisha coast. It is likely to move west-northwestwards across south Odisha and south Chhattisgarh during next 24 hours and weaken gradually.
(ii) Intense spell of rainfall likely over Gujarat and Maharashtra during next 5 days and over West Bengal, Odisha, Chhattisgarh, Vidarbha and East Madhya Pradesh during next 3 days.

Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annex. I)

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

- Yesterday's **Well Marked Low Pressure Area** over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts now lies as a **Depression** over south Odisha near latitude 19.7°N and longitude 84.0°E, about 80 km east-southeast of Bhawanipatna (Odisha), 110 km west-northwest of Gopalpur (Odisha), 210 km east-northeast of Jagdalpur (Chhattisgarh) and 260 km east-southeast of Kanker (Chhattisgarh). It is likely to move west-northwestwards across south Odisha and south Chhattisgarh during next 24 hours and weaken gradually.
- The **monsoon trough** runs south of its normal position. It is likely to remain so during next 3 days.
- A cyclonic circulation lies over Eastcentral Arabian Sea off south Maharashtra-Goa coasts at lower tropospheric levels.

Under the influence of the above systems:

- Fairly widespread/widespread rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Odisha, Chhattisgarh, Vidarbha and East Madhya Pradesh during 11th-13th; West Madhya Pradesh, ghat areas of Madhya Maharashtra, Konkan & Goa and Gujarat Region during next 5 days; Gangetic West Bengal and Saurashtra & Kutch during 11th-14th; Sub-Himalayan West Bengal & Sikkim and Jharkhand during 12th-14th; Bihar on 13th & 14th; and Marathwada on 11th & 12th. **Isolated very heavy rainfall also likely over Gangetic West Bengal and Chhattisgarh on 11th & 12th; East Madhya Pradesh on 12th & 13th; West Madhya Pradesh during 13th-15th; Odisha, Marathwada and Saurashtra & Kutch on 11th; Gujarat Region during 12th-15th; and ghat areas of Madhya Maharashtra & Konkan & Goa during next 5 days.**
- Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Tamilnadu, Puducherry & Karaikal, Kerala & Mahe, Coastal & North Interior Karnataka and Telangana on 11th & 12th and Coastal Andhra Pradesh & Yanam on 11th. **Isolated very heavy rainfall also likely over North Interior Karnataka and Telangana on 11th September, 2022.**
- Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 11th - 14th and Arunachal Pradesh on 13th & 14th September, 2022. **Isolated very heavy rainfall also likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 11th September, 2022.**

- Fairly widespread to widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Uttarakhand during next 5; Himachal Pradesh on 15th and East Rajasthan during 13th-15th. **Isolated very heavy rainfall also likely over Uttarakhand on 14th & 15th and East Rajasthan on 15th September, 2022.**
- **Wind warning**
Squally winds speed reaching 40-50 kmph gusting to 60 kmph are very likely to prevail over northwest & westcentral Bay of Bengal and along & off north Andhra Pradesh, Odisha and West Bengal coasts on 11th & 12th September, 2022.
- **Sea condition**
Sea condition will be rough to very rough over northwest & westcentral Bay of Bengal and along & off Andhra Pradesh, Odisha and West Bengal coasts on 11th & 12th September, 2022.
- **Fishermen Warning (Warning graphics in Annexure III)**
Fishermen are advised not to venture into northwest & westcentral Bay of Bengal and along & off Andhra Pradesh, Odisha and West Bengal coasts on 11th & 12th September, 2022.

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

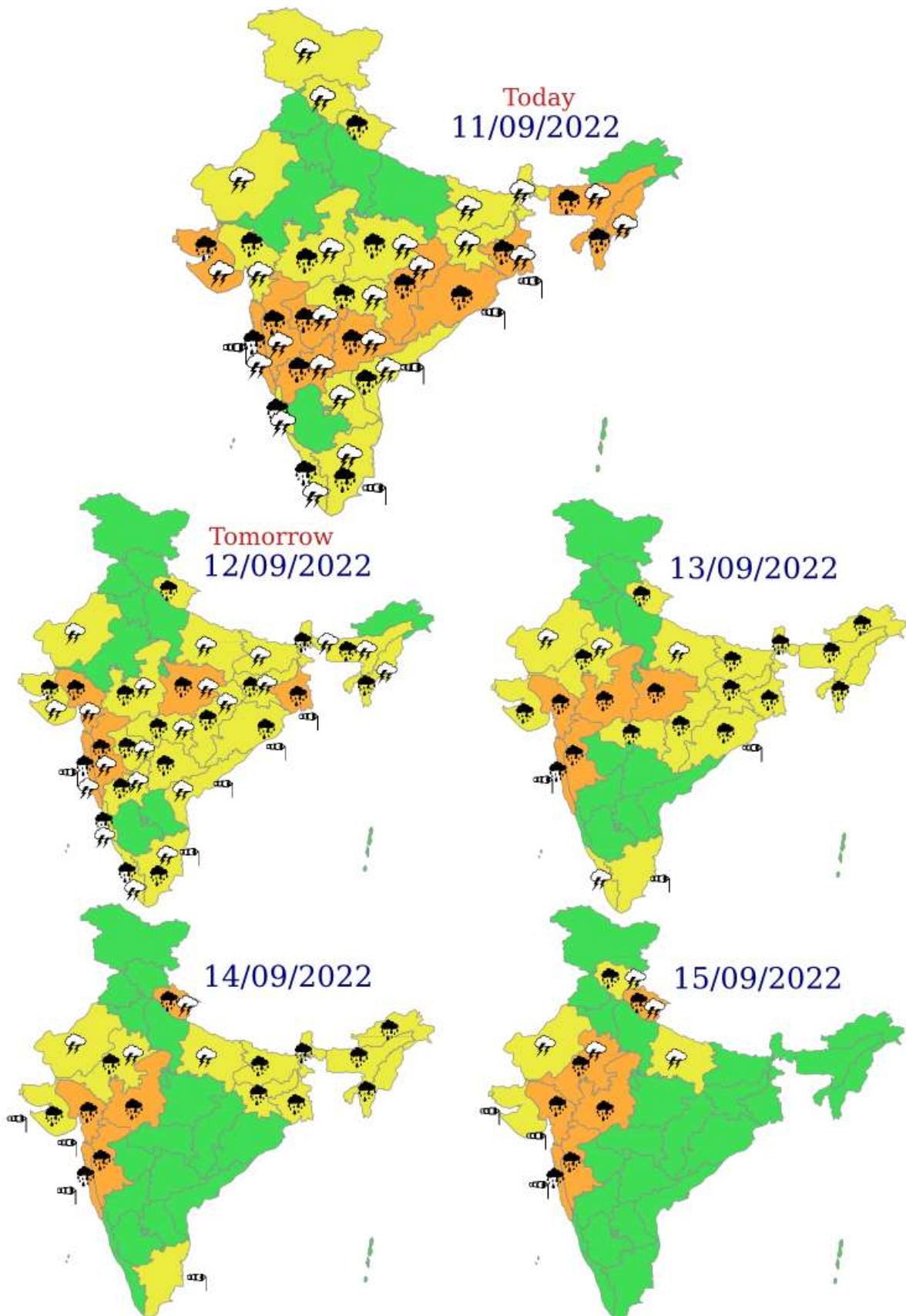
Heavy to very heavy rainfall at isolated places over Uttarakhand, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam, Telangana and Tamil Nadu and **heavy rainfall** at isolated places over Mizoram, Gangetic West Bengal, Punjab, East Rajasthan, West Madhya Pradesh, Gujarat State, Vidarbha and South Interior Karnataka.

Rainfall (in cm):

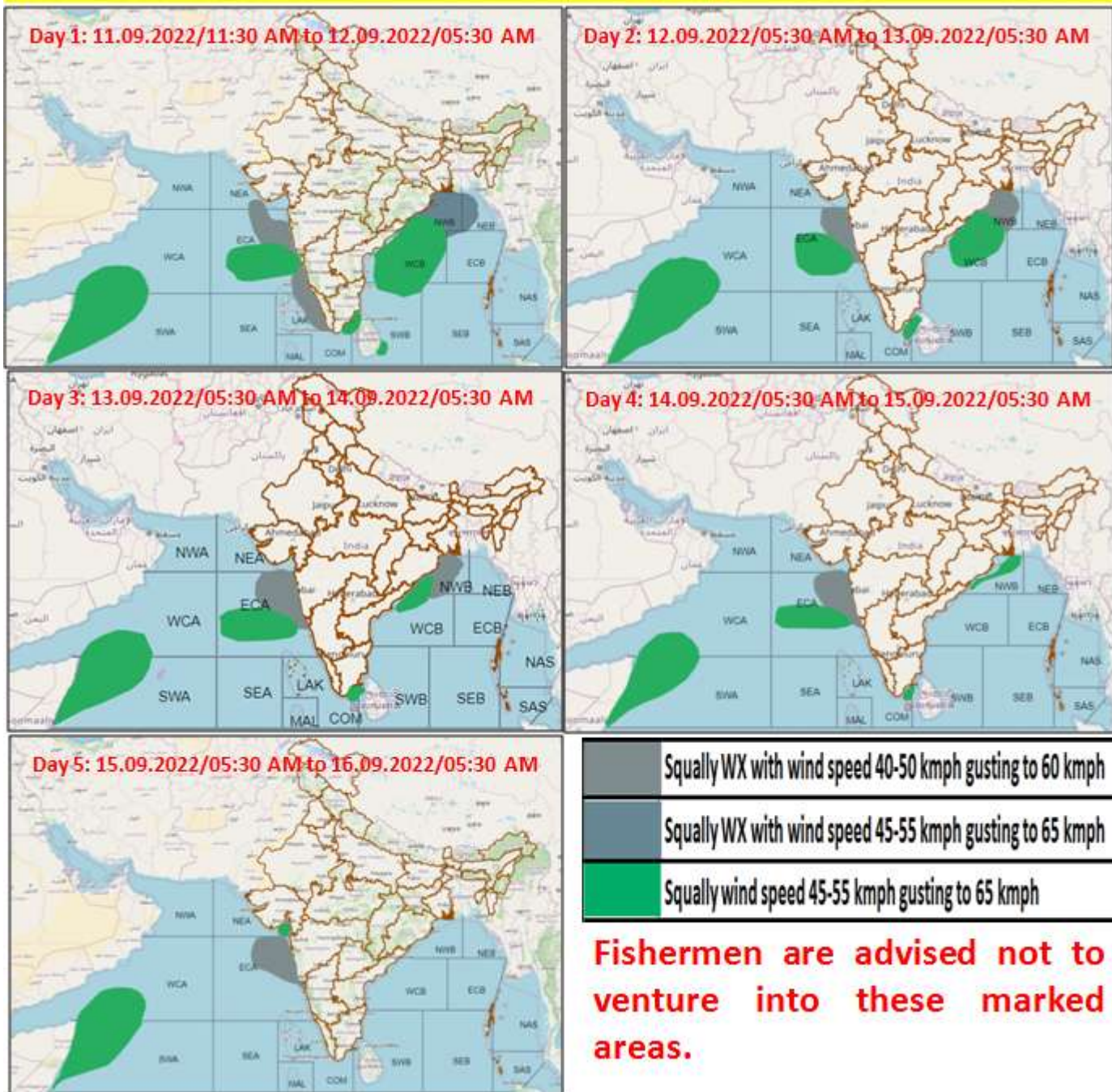
- ❖ **Chhattisgarh:** Bijapur (dist Bijapur) 25, Bastanar (dist Bastar) 14, Konta (dist Sukma) 12, Sukma (dist Sukma) 12, Darbha (dist Bastar) 11, Chhindgarh (dist Sukma) 11, Dantewara (dist Dantewada) 11, Kuakonda (dist Dantewada) 10, Katekalyan (dist Dantewada) 10, Jagdalpur (dist Bastar) 10, Lohandiguda (dist Bastar) 10, Gidam (dist Dantewada) 7, Bastar (dist Bastar) 7, Usoor (dist Bijapur) 7;
- ❖ **Telangana:** Yellareddypeta (dist Rajanna Sircilla) 19, Alladurg (dist Medak) 19, Venkatapuram (dist Mulugu) 19, Navipet (dist Nizamabad) 19, Mustabad (dist Rajanna Sircilla) 17, Tekmal (dist Medak) 17, Papannapet (dist Medak) 17, Sirsilla (dist Rajanna Sircilla) 16, Regode (dist Medak) 15, Govindaraopet (dist Mulugu) 15, Konaraopeta (dist Rajanna Sircilla) 15, Yeda Palle (dist Nizamabad) 14, Balkonda (dist Nizamabad) 13, Shayampet (dist Warangal_rural) 13, Ranjal (dist Nizamabad) 13, Peddapalle (dist Peddapalle) 13, Naga Reddipet (dist Kamareddy) 13, Boinpalle (dist Rajanna Sircilla) 13, Chigurumamidy (dist Karimnagar) 12, Kamareddy (dist Kamareddy) 12, Parkal (dist Warangal_rural) 12, Venkatapur (dist Mulugu) 11, Armur (dist Nizamabad) 11, Machareddy (dist Kamareddy) 11, Gambhiraopet (dist Rajanna Sircilla) 11, Kotapalle (dist Mancherla) 10, Sultanabad (dist Peddapalle) 10, Medak (dist Medak) 10, Makloor (dist Nizamabad) 10, Tadwai Mlg (dist Mulugu) 10, Medak(arg) (dist Medak) 10, Velpur (dist Nizamabad) 10, Mortad (dist Nizamabad) 10, Bodhan (dist Nizamabad) 9, Dubbak (dist Siddipet) 9, Chandurthi (dist Rajanna Sircilla) 9, Bejjanki (dist Siddipet) 9, Atmakurwrgl (dist Warangal_rural) 9, Tamsi (dist Adilabad) 9, Dich Palle (dist Nizamabad) 9, Armoor(arg) (dist Nizamabad) 9, Garla (dist Mahabubabad) 9, Jakranpalle (dist Nizamabad) 9, Shankarapatnam (dist Karimnagar) 8, Kowdipalle (dist Medak) 8, Thimmapur (dist Karimnagar) 8, Huzurabad (dist Karimnagar) 8, Laxmanchanda (dist Nirmal) 8, Yellareddy (dist Kamareddy) 8, Bhiknur (dist Kamareddy) 8, Pinapaka (dist B. Kothagudem) 8, Mulug (dist Mulugu) 8, Gandhari (dist Kamareddy) 8, Elagaid (dist Peddapalle) 8, Boath (dist Adilabad) 7, Jammikunta (dist Karimnagar) 7, Srirampur (dist Peddapalle) 7, Bheemgal (dist Nizamabad) 7, Bhupalpalle (dist J. Bhupalpally) 7, Karimnagar (dist Karimnagar) 7, Lingampet (dist Kamareddy) 7, Ramayampet (dist Medak) 7, Sadasivanagar (dist Kamareddy) 7, Mogullapalle (dist J. Bhupalpally) 7, Mirdoddi (dist Siddipet) 7, Narayankhed (dist Sangareddy) 7;
- ❖ **Konkan & Goa:** Rajapur (dist Ratnagiri) 17, Lanja (dist Ratnagiri) 17, Vaibhavwadi (dist Sindhudurg) 15, Kudal (dist Sindhudurg) 14, Dodamarg (dist Sindhudurg) 13, Kankavli (dist Sindhudurg) 12, Vengurla - Imd Pt (dist Sindhudurg) 12, Malvan (dist Sindhudurg) 10, Pernem (dist North Goa) 9, Mapusa (dist North Goa) 9, Devgad (dist Sindhudurg) 8, Murbad (dist Thane) 7, Rameshwar_agri (dist Sindhudurg) 7;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 16, Ajra (dist Kolhapur) 11, Chandgad (dist Kolhapur) 8;
- ❖ **Himachal Pradesh:** Naina Devi (dist Bilaspur) 16;
- ❖ **Odisha:** Dhenkanal: Dhenkanal 15; Balasore: Jaipur 14 & Govindpur 13, Koraput: Kotpad 11, Dhenkanal: Bhuban 10, Balasore: Balasore 10, Cuttack: Banki 10, Balasore: Remuna 10, Mayurbhanj: Balimundali 9, Ganjam: Patrapur 9, Cuttack: Tigiria 9, Mayurbhanj: Udala 9, Khurda:

Tangi 9, Keonjhar: Ghasipura 9, Jajpur: Sukinda 9, Mayurbhanj: G. B. Nagar 8, Nawarangpur: Jharigaon 8, Ganjam: Sheragada 8, Nayagarh: Barmul 8, Balasore: Bahanga 8, Kandhamal: Udaygiri 8, Dhenkanal: Dhenkanal 8, Mayurbhanj: Betanati 7, Balasore: Khaira 7, Koraput: Pottangi 7, Malkangiri: Malkanagiri 7, Kandhamal: Chakapad 7, Khurda: Begunia 7, Nayagarh: Bhapur 7, Jagatsinghpur: Balikuda 7, Khurda: Bolagarah 7, Nawarangpur: Dabugaon 7, Koraput: Lamataput 7, Malkangiri: Mathili 7, Keonjhar: Anandpur 7, Bhadrak: Basudevpur 7, Kandhamal: Daringbadi 7;

- ❖ **Coastal Andhra Pradesh & Yanam:** Palakoderu (dist West Godavari) 14, Nuzvid (dist Krishna) 11, Pusapatirega (dist Vizianagaram) 9, Balajipeta (dist Vizianagaram) 9, Bhimadole (dist West Godavari) 8, Kalingapatnam (dist Srikakulam) 8, Bheemavaram (dist West Godavari) 8, Chintalapudi (dist West Godavari) 7, Therlam (dist Vizianagaram) 7, Jiyyamma Valasa (dist Vizianagaram) 7, Bobbili (dist Vizianagaram) 7;
- ❖ **Tamil Nadu:** Pandalur (dist Nilgiris) 14, Devala (dist Nilgiris) 13, Wood Braiyar Estate (dist Nilgiris) 10, Chinnakalar (dist Coimbatore) 7;
- ❖ **Uttarakhand:** Haripur (dist Dehradun) 12, Loharkhet (dist Bageshwar) 11;
- ❖ **Marathwada:** Kinwat (dist Nanded) 12;
- ❖ **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 11, Bhagamandala (dist Kodagu) 7;
- ❖ **Saurashtra & Kutch:** Rajkot (dist Rajkot) 9, Lilia (dist Amreli) 9, Anjar (dist Kutch) 8, Tankara (dist Morbi) 7;
- ❖ **Mizoram:** Kolasib(AGRI) (dist Kolasib) 8;
- ❖ **Punjab:** Dasuya (dist Hoshiarpur) 8;
- ❖ **East Rajasthan:** Jagpura (dist Banswara) 8;
- ❖ **Gujarat Region:** Ukai (dist Surat) 7
- ❖ **Gangetic West Bengal:** Haldia:7;
- ❖ **West Madhya Pradesh:** Ghatiya (dist Ujjain) 7;
- ❖ **Vidarbha:** Sironcha (dist Gadchiroli) 7.



Fishermen warning graphics



IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

Isolated **very heavy rainfall** over Konkan & Goa and Madhya Maharashtra during next 5 days; North Interior Karnataka, Telangana, Marathwada, Saurashtra & Kutch, Odisha, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 11th; Chhattisgarh and Gangetic West Bengal on 11th & 12th; Gujarat Region during 12th-15th; West Madhya Pradesh on 13th & 14th; East Madhya Pradesh on 12th & 13th; Uttarakhand on 14th & 15th and East Rajasthan on 15th September, 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)



Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

