



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 08th January, 2022
Time of Issue: 1300 hrs IST

Subject:

I. Intense precipitation with isolated Heavy to Very Heavy falls over Western Himalayan Region during next 48 hours and over plains of northwest India during next 24 hours and significant decrease thereafter.

II. Enhanced thunderstorms activity likely to continue over Central India during 08th-12th January and over East India during 10th-13th January.

Weather Observed during past 24 hours ending at 0830 hrs IST of today:

- **Precipitation (in cm): Jammu & Kashmir:** Udhampur: Udhampur IAF-12, Kawa-7; Reasi: Katra-10; Jammu: Jammu Aero-10, Jammu-8, Jammu AWS-6, RS Pura AWG-6; Doda: Badarwah-8; Ramban: Banihal-8, Batote & Govindpura-7 each; Rajouri-7; Kathua: Kathua & Rajhani-6 each. **Punjab:** Kapurthala: Kapurthala-9; Gurdaspur: Athwal-7, Gurdaspur Amfu-6, Batala & Tibri-5 each; Pathankot: Pathankot-6; Jalandhar: Adampur & Jalandhar-5 each. **Haryana, Chandigarh & Delhi:** Gurgaon: Sohana-7, Maneswar-5; Nuh: Taoru-6; Yamuna Nagar: Dadupur- & Jagadhari-5 each; Central Delhi: Pusa-7; North Delhi: Delhi Ridge-5; South Delhi: Ayanagar-5; Southwest Delhi: Palam-5. **East Madhya Pradesh:** Niwari: Orchha-9, Niwari-5; Damoh: Patharia-6. **West Madhya Pradesh:** Shivpuri: Pichhore-6. **East Rajasthan:** Alwar: Behror & Nimrana-7 each; Kishangarh SR-6; Jaipur: Jaipur & Viratnagar-5 each; Sikar: Srimadohpur-6. **Himachal Pradesh:** Chamba: Dalhousie & Kheri: 5 each. **Tamilnadu: Virudhnagar:** Kovilankulam-6.
- **Minimum temperatures** are above normal by 3-7°C over most parts of Northwest & central India and Gujarat and near normal over rest parts of North India.
- **Fog (at 0830 hours IST of today): Dense Fog** prevailed in isolated pockets over East Uttar Pradesh and Bihar; **Moderate Fog** in isolated pockets over Jammu & Kashmir, West Madhya Pradesh and West Rajasthan.

Forecast & Warnings:

- I. Wet spell over Northwest India till 9th January:**
- II. Enhanced thunderstorms activity over Central India during 08th-12th January and over east India from 10th-13th January.**

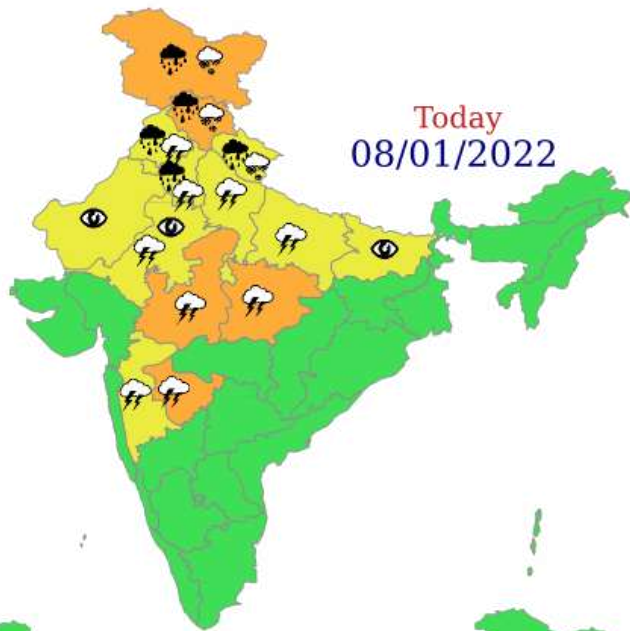
- The Western Disturbance as a cyclonic circulation lies over north Pakistan & neighbourhood in lower & middle tropospheric levels with a trough aloft in upper tropospheric along Long. 70°E to the north of Lat. 20°N. The induced cyclonic circulation lies over east Rajasthan & neighbourhood at lower tropospheric levels.
- **High moisture feeding from Arabian Sea over northwest & adjoining central India in lower & middle tropospheric levels is very likely to continue during next 2 days. The confluence of winds from Arabian Sea and Bay of Bengal at lower tropospheric levels is very likely over central India during next 3-4 days.**
- Under the influence of above systems:

- ✓ Fairly widespread to widespread light/moderate rainfall/snowfall is very likely over Western Himalayan Region till 09th and decrease significantly thereafter. **Isolated Very Heavy rainfall/snowfall** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad & Himachal Pradesh on 08th. **Isolated heavy rainfall/snowfall** very likely over Himachal Pradesh on 09th & over Uttarakhand on 08th & 09th January.
- ✓ Fairly widespread to widespread rainfall very likely to continue over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh today and decrease thereafter. Scattered to fairly widespread rainfall very likely over East Uttar Pradesh & West Madhya Pradesh on 08th & 09th, over East Madhya Pradesh during 08th to 12th and over Bihar, Jharkhand, Chhattisgarh during 10th to 12th and over Vidarbha during 09th -12th January, over Odisha and Gangetic West Bengal during 11th-12th January 2022.
- ✓ **Isolated heavy rainfall** very likely over Punjab and Haryana, Chandigarh on 08th January and Odisha on 12th January 2022.
- ✓ **Isolated thunderstorms with lightning/Hail** very likely over Punjab, Haryana, Chandigarh, West Uttar Pradesh, Madhya Pradesh on 08th and over Vidarbha, Chhattisgarh, Jharkhand & Telangana on 10th & 11th; Bihar & Gangetic West Bengal on 11th ; over Odisha on 11th & 12th January, 2022.

III. Minimum Temperatures and Fog:

- ✓ Slight fall in minimum temperatures very likely over Punjab, Haryana & Rajasthan during next 24 hours and rapid fall by 4-6°C during next 2-3 days and no significant change thereafter.
- ✓ No significant change in minimum temperatures very likely over Uttar Pradesh & Madhya Pradesh during next 2-3 days and fall by 2-4°C during subsequent 3 days.
- ✓ Fall in minimum temperatures by 2-4°C very likely over Gujarat State & north Maharashtra during next 3 days and no significant change thereafter.
- ✓ Gradual rise in minimum temperatures by 2-3°C over East India during next 2-3 days.
- ✓ **Dense Fog** in isolated pockets in night/morning hours very likely over Bihar on 08th/09th; over Rajasthan during next 2 days and over Punjab, Haryana & Uttar Pradesh on 09th & 10th, January, 2022.

For more details refer: https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php



Today
08/01/2022



Tomorrow
09/01/2022



10/01/2022



11/01/2022



12/01/2022

EXPECTED IMPACT & ACTION SUGGESTED due to isolated Heavy/Very Heavy rainfall/snowfall over Jammu & Kashmir on 08th and over Himachal Pradesh & Uttrakhand on 08th & 09th and isolated Heavy rainfall over Punjab & Haryana, Chandigarh on 08th January, 2022.

A. Impact Expected

- Localized Flooding of roads and water logging in low lying areas and closure of underpasses mainly in urban areas of the affected 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/Avalanches.
- 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.
- Harvest the ripen crops & Horticultural crops and also secure the harvested crops securely from the damage due to rain and strong winds.
- Do not visit Avalanche prone areas.
- Maintain proper ventilation at homes.

Impact expected and action suggested due to Thunderstorm, Lightning & Hail over Punjab, Haryana, Chandigarh, West Uttar Pradesh, Madhya Pradesh on 08th; over Vidarbha & Chhattisgarh on 10th & 11th; over Bihar & Gangetic West Bengal on 11th; over Odisha on 11th & 12th January, 2022.

Impact expected:

- Hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.

Action suggested:

- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

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

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

 Visibility/Fog

 Cold wave/Cold day

 Frost