



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 09th January, 2022
Time of Issue: 1300 hrs IST

Subject:

- I. Ongoing Intense precipitation spell over Western Himalayan Region & adjoining plains will continue during next 24 hours and significant decrease thereafter.**
- II. Enhanced rainfall/thunderstorms activity likely to continue over Central India during 09th-13th January and over East India during 11th-13th January.**
- III. Dense fog over parts of northwest India during next 4-5 days.**

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

- **Precipitation (in cm): Punjab:** Ludhiana: Bul-13, Jagraon-9, Ludhiana-6, Pathankot: Phangota--9, Kapurthala: Kapurthala, Phagwara-6 each, Patiala: Samana, Nabha ARG-6, each, Gurdaspur: Tibri, Dhariwal-5 each, Jalandhar: Nakodar ARG-7, **West Uttar Pradesh:** Saharanpur: Nakur-10, , Bijnor-10 each, Hapur-7, Bareilly-5; **Jammu & Kashmir:** Batote -8; Tehri -6; Qazigund, Baderwah, Ludhiana and Banda -5 each; **Haryana, Chandigarh & Delhi:** Panipat: Bapouli-7, Karnal: Gharaunda-6, Karnal-5, Rohtak: Lakhanmajra-6, Yamunanagar: Chhachrauli-6, Palwal: Plawal-6, Dhansa(southwest Delhi)-6 each, **East Rajasthan:** Paowta(Jaipur)-9, Alwar-7, Bharatpur-5; **East Uttar Pradesh:** Banda-4, **East Madhya Pradesh:** Panna, Sagar-4 each.
- **Minimum temperatures** are above normal by 3-5°C over many parts of Northwest & central India and near normal over rest parts of North India.
- **Very dense fog** in isolated pockets over east Bihar; **Dense fog** in isolated pockets over northeast Rajasthan.
- Isolated **hailstorm** occurred over Punjab, Madhya Pradesh and Vidarbha.

Forecast & Warnings:

I. Wet spell over Northwest, Central & East India:

- 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. 71°E to the north of Lat. 20°N. The induced cyclonic circulation lies over northeast 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 24 hours. The confluence of winds from Arabian Sea and Bay of Bengal at lower tropospheric levels is very likely over central & East India during next 4-5 days.**
- Under the influence of above systems:
 - ✓ Scattered to fairly widespread light/moderate rainfall/snowfall is very likely over Western Himalayan Region till 10th and decrease significantly thereafter. **Isolated heavy rainfall/snowfall** very likely over Himachal Pradesh on 09th January.

- ✓ Isolated to scattered 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, East Madhya Pradesh, Vidarbha, Chhattisgarh during 09th to 12th January.
- ✓ Scattered to fairly widespread rainfall very likely over Bihar, West Bengal & Sikkim, and Odisha during 11th-13th and over Jharkhand during 10th-13th January.
- ✓ Scattered to widespread rainfall very likely over Arunachal Pradesh during 11th-13th and Scattered to fairly widespread rainfall very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 12th & 13th January.
- ✓ **Isolated heavy rainfall** very likely over Odisha on 12th & 13th January.
- ✓ **Isolated thunderstorms with lightning/Hail** very likely over East Madhya Pradesh, Vidarbha & Chhattisgarh on 09th & 10th; Marathwada on 10th; Jharkhand on 10th & 11th; Sub-Himalayan West Bengal & Sikkim on 12th; over Bihar & Gangetic West Bengal on 11th and over Odisha on 11th & 12th January, 2022.

II. Minimum Temperatures, Cold wave and Fog:

- ✓ Minimum temperatures are above normal by 3-5°C over many parts of Northwest & central India and near normal over rest parts of North India.
- ✓ Fall in minimum temperatures by 3-5°C very likely over Punjab, Haryana, Chandigarh & Delhi, Rajasthan, Madhya Pradesh during next 3 days and no significant change thereafter.
- ✓ No significant change in minimum temperatures very likely over Uttar Pradesh during next 2 days and fall by 3-4°C thereafter.
- ✓ No significant change in minimum temperatures very likely over Gujarat state during next 2 days and gradual rise by 2-4°C during subsequent 3 days.
- ✓ Gradual rise in minimum temperatures by 2-3°C over East India during next 2 days and no significant change thereafter.
- ✓ **Cold wave conditions** in isolated pockets very likely over Rajasthan during 11th-14th and over Punjab, Haryana on 13th & 14th January, 2022.
- ✓ **Dense Fog** in isolated pockets in night/morning hours very likely over Punjab, Haryana, West Uttar Pradesh during next 4 days; Rajasthan during next 2 days and over East Uttar Pradesh on 13th & 14th January, 2022.

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



Today
09/01/2022



Tomorrow
10/01/2022



11/01/2022



12/01/2022



13/01/2022

Impact expected and action suggested due to Thunderstorm, Lightning & Hail over East Madhya Pradesh, Vidarbha & Chhattisgarh on 09th & 10th; Marathawada on 10th; Jharkhand on 10th & 11th; Sub-Himalayan West Bengal & Sikkim on 12th; over Bihar & Gangetic West Bengal on 11th and 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)



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**