



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release.
Date: 14th October, 2023
Time of Issue: 1315 hours IST**

Special Message

Subject: Wet spell over Northwest India during 14th-17th October, 2023.

- A Western Disturbance (WD) as a trough in middle tropospheric westerlies runs along Long. 70°E to the north of Lat. 32°N.
- An induced cyclonic circulation lies over central Pakistan in lower tropospheric levels.
- **This is 1st intense WD of this season, which will influence northwest & central India during 14th to 17th October 2023.** The system is likely to receive moisture feeding from Arabian Sea during 14th-16th October, 2023. As a result, rainfall intensity & distribution is very likely to increase over northwest India during the same period.
- The detailed Sub-divisionwise forecast is given below:

Rainfall Forecast and Weather Warning

Sub-Divisions	Day 1 (14 Oct)	Day 2 (15 Oct)	Day 3(16 Oct)	Day 4 (17 Oct)	Day 5 (18 Oct)
Jammu-Kashmir-Ladakh, Gilgit Baltistan and Muzaffarabad	Widespread rainfall with isolated thunderstorm accompanied with lightning and isolated heavy rainfall /snowfall.	Widespread rainfall with isolated thunderstorm accompanied with lightning and isolated heavy rainfall /snowfall.	Widespread rainfall with isolated thunderstorm accompanied with lightning and isolated heavy rainfall /snowfall.	Fairly Widespread rainfall with isolated thunderstorm accompanied with lightning.	Dry weather
Himachal Pradesh	Fairly widespread rainfall with isolated	Widespread rainfall with isolated thunderstorm	Widespread rainfall with isolated thunderstorm	Dry weather	Dry weather

	thunderstorm accompanied with lightning and isolated heavy rainfall	accompanied with lightning and isolated heavy rainfall/snowfall	accompanied with lightning and isolated heavy rainfall/snowfall		
Uttarakhand	Isolated rainfall	Fairly widespread rainfall with isolated thunderstorm accompanied with lightning	Fairly widespread rainfall with isolated thunderstorm accompanied with lightning	Scattered rainfall with isolated thunderstorm accompanied with lightning	Dry weather
Punjab	Scattered rainfall with isolated thunderstorm accompanied with lightning	Fairly rainfall with isolated thunderstorm accompanied with lightning	Widespread rainfall with isolated thunderstorm accompanied with lightning and isolated heavy rainfall	Widespread rainfall with isolated thunderstorm accompanied with lightning	Dry weather
Haryana, Chandigarh & Delhi	Dry weather	Fairly widespread rainfall with isolated thunderstorm accompanied with lightning	Widespread rainfall with isolated thunderstorm accompanied with lightning	Isolated rainfall	Dry weather
West Uttar Pradesh	Dry weather	Isolated rainfall with isolated thunderstorm accompanied with lightning	Scattered rainfall with isolated thunderstorm accompanied with lightning	Isolated rainfall	Dry weather
East Uttar Pradesh	Dry weather	Dry weather	Isolated rainfall with isolated thunderstorm accompanied with lightning	Dry weather	Dry weather

Rajasthan	Dry weather	Isolated rainfall with isolated thunderstorm accompanied with lightning over West Rajasthan	Scattered rainfall with isolated thunderstorm accompanied with lightning	Isolated rainfall with isolated thunderstorm accompanied with lightning	Dry weather
West Madhya Pradesh	Dry weather	Isolated rainfall	Isolated rainfall with isolated thunderstorm accompanied with lightning	Isolated rainfall	Dry weather
Gujarat Region	Isolated rainfall	Isolated rainfall	Isolated rainfall	Dry weather	Dry weather

Legends:

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)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	NO WARNING
Heavy Snow	Heat Wave	WATCH (BE UPDATED)
Thunderstorms & Lightning	Cold wave	ALERT (BE PREPARED)
Hailstorm	Fog	WARNING (TAKE ACTION)

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

Flash Flood Risk	
High Risk (Take Action)	
Moderate Risk (Be Prepared)	
Low Risk (Be Updated)	