



Government of India
Earth System Sciences Organization
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 27th February, 2020
Time of Issue: 1700 hrs IST

Subject: Wet spell over Northwest & adjoining Central India during 28th February to 02nd March, 2020 due to an active Western Disturbance

- ❖ A Western Disturbance seen as a trough in mid & upper tropospheric westerlies with its axis at 5.8 Km above mean sea level runs roughly along Long. 57°E to the north of Lat. 28°N. Under its influence, an induced cyclonic circulation is likely to form over West Rajasthan & neighbourhood tomorrow.
- ❖ Under its influence:
 - Moderate fairly widespread to widespread **rain/snowfall** very likely over Western Himalayan region and scattered to fairly widespread **rainfall** very likely over adjoining plains on 28th & 29th February.
 - Isolated thunderstorm accompanied with **lightning & hail** very likely over Western Himalayan region on 28th & 29th February. Isolated thunderstorm accompanied with **lightning, hail & gusty winds** (speed reaching 30-40 kmph) very likely over adjoining plains on 28th & 29th February.
 - Isolated **heavy rain/snow** very likely over Jammu, Kashmir, Ladakh, Gilgit-Baltistan on 28th & 29th February and over Himachal Pradesh on 29th February.
- ❖ Due to convergence of lower level easterlies & westerlies isolated to scattered rainfall with isolated thunderstorm/hailstorm likely over Madhya Pradesh, Vidarbha and Chhattisgarh on 29th February & 01st March.
 - Detailed forecast & warnings for the above systems are as follow:

Sub-Divisions	28 Feb. 2020*	29 Feb. 2020*	01 March 2020*	02 March 2020*
Jammu, Kashmir, Ladakh & Gilgit-Baltistan	Rain/snowfall most places with isolated heavy falls and thunderstorm accompanied with lightning at isolated places	Rain/snowfall most places with isolated heavy falls and thunderstorm accompanied with lightning at isolated places	Rain/Snowfall at a few places	Rain/Snowfall at isolated places
Himachal Pradesh	Rain/snowfall at many places with thunderstorm accompanied with lightning & hail at isolated places	Rain/Snowfall at most places with isolated heavy falls and thunderstorm accompanied with lightning & hail at isolated places	Rain/Snowfall at a few places	Rain/Snowfall at isolated places
Uttarakhand	Rain/snow at a few places with thunderstorm accompanied with lightning & hail at isolated places	Rain/Snowfall at many places with thunderstorm accompanied with lightning & hail at isolated places	Rain/Snowfall at a few places	Rain/Snowfall at isolated places
Punjab	Rain at a few places with thunderstorm accompanied	Rain at many places with thunderstorm accompanied with lightning & gusty winds	Rain at isolated places	Dry

	with lightning & hail and gusty winds (30-40 kmph) at isolated places	(30-40 kmph) at a few places and hailstorm at isolated places		
Haryana, Chandigarh & Delhi	Rain at a few places with thunderstorm accompanied with lightning & hail and gusty winds (30-40 kmph) at isolated places	Rain at many places with thunderstorm accompanied with lightning & gusty winds (30-40 kmph) at a few places and hailstorm at isolated places	Rain at isolated places	Dry
West Uttar Pradesh	Rain at isolated places with thunderstorm accompanied with lightning and gusty winds (30-40 kmph) at isolated places	Rain at a few places with thunderstorm accompanied with lightning & hail and gusty winds (30-40 kmph) at isolated places	Rain at isolated places with thunderstorm accompanied with lightning & hail and gusty winds (30-40 kmph) at isolated places	Rain at isolated places
East Uttar Pradesh	Dry	Rain at isolated places with thunderstorm accompanied with lightning at isolated places	Rainfall at isolated places with thunderstorm accompanied with lightning and gusty winds (30-40 kmph) at isolated places	Dry
West Rajasthan	Rain at a few places with thunderstorm accompanied with lightning & hail at isolated places	Rain at isolated places with thunderstorm accompanied with lightning at isolated places	Dry	Dry
East Rajasthan	Rain at isolated places with thunderstorm accompanied with lightning & hail and gusty winds (30-40 kmph) at isolated places	Rain at isolated places with thunderstorm accompanied with lightning & hail and gusty winds (30-40 kmph) at isolated places	Rain at isolated places	Dry
West Madhya Pradesh	Rain at isolated places	Rain at a few places with thunderstorm accompanied with lightning & hail at isolated places	Rainfall at isolated places with thunderstorm accompanied with lightning at isolated places	Dry
East Madhya Pradesh	Dry	Rain at isolated places	Rain at isolated places with thunderstorm accompanied with lightning at isolated places	Rain at isolated places
Chhattisgarh	Dry	Dry	Rain at isolated places with thunderstorm accompanied with lightning at isolated places	Rainfall at isolated places

Note: * Rainfall till 0830 IST of next day.

Legends: **Green: No warning**, **Yellow: Be updated**, **Orange- Be prepared**; **Red- Take action**,

Heavy rain: 64.5-115.5 mm/day; isolated rain ($\leq 25\%$ of stations gets rain), scattered or at a few places rain (26 to 50% of stations gets rain), at many places or fairly widespread rain (51–75% of stations gets rain) and at most places or wodespread rain ($>75\%$ of stations gets rain)

For further details and forecast updates kindly visit websites of IMD, New Delhi:

<http://www.imd.gov.in/pages/allindiawxfcbulletin.php>

For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels.