



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

Press Release
Date: 16th February, 2020
Time of Issue: 1400 hrs IST

Subject: Wet spell over Northwest & adjoining Central India during 18th to 21st February, 2020 due to two consecutive Western Disturbances

- A fresh **Western Disturbance** is very likely to affect Jammu & Kashmir, Ladakh, Gilgit - Baltistan and higher reaches of Himachal Pradesh from 18th February 2020 night. Under its influence, light isolated to scattered rainfall/snowfall activity very likely over these regions during 18th-19th February, 2020.
- In quick succession, another **Western Disturbance** very likely to affect Western Himalayan Region & adjoining plains from 20th February. Under its influence, an induced cyclonic circulation is very likely to develop over southwest Rajasthan on 20th February with high moisture feed from the Arabian Sea at lower & mid tropospheric levels.

Under its influence light/moderate fairly widespread to widespread rain/snowfall very likely over Western Himalayan Region and scattered to fairly widespread rainfall over Punjab, Haryana, Chandigarh & Delhi during 20th & 21st February, 2020. There is possibility of **isolated heavy falls over Himachal Pradesh and Uttarakhand on 21st February.**

- Due to interaction between warm & moist lower level easterlies (*from anti-cyclonic circulation over Northwest Bay of Bengal*) and middle & upper level westerlies (due to Western Disturbance), isolated to scattered rain/thundershower is also likely over Uttar Pradesh and north Madhya Pradesh on 20th & 21st and over north Chhattisgarh & Bihar on 21st February, 2020.
- Strong wind (speed 20-30 kmph) likely over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh on 20th & 21st February, 2020.

- Detailed forecast & warnings for the above systems are as follow:

Sub-Divisions	18 Feb. 2020*	19 Feb. 2020*	20 Feb. 2020*	21 Feb. 2020*
Jammu & Kashmir	Rain/snowfall at isolated places	Rain/snowfall at a few places	Rain/Snowfall at many places with thunderstorm accompanied with lightning at isolated places	Rain/Snowfall at many places with thunderstorm accompanied with lightning at isolated places
Himachal Pradesh	Dry	Rain/snowfall at isolated places	Rain/Snowfall at most places with thunderstorm accompanied with lightning at isolated places	Rain/Snowfall at most places with isolated heavy falls and thunderstorm accompanied with lightning at isolated

				places
Uttarakhand	Dry	Rain/snowfall at isolated places	Rain/Snowfall at many places with thunderstorm accompanied with lightning at isolated places	Rain/Snowfall at most places with isolated heavy falls and thunderstorm accompanied with lightning at isolated places
Punjab	Dry	Dry	Rain at a few places with thunderstorm accompanied with lightning at isolated places	Rain at most places with thunderstorm accompanied with lightning at isolated places
Haryana, Chandigarh & Delhi	Dry	Dry	Rain at isolated places with thunderstorm accompanied with lightning at isolated places	Rain at many places with thunderstorm accompanied with lightning at isolated places
West Uttar Pradesh	Dry	Dry	Rain at isolated places with thunderstorm accompanied with lightning at isolated places	Rain at a few places with thunderstorm accompanied with lightning at isolated places
East Uttar Pradesh	Dry	Dry	Rainfall at isolated places	Rain at a few places with thunderstorm accompanied with lightning at isolated places
West Rajasthan	Dry	Dry	Rainfall at isolated places	Rainfall at isolated places
East Rajasthan	Dry	Dry	Dry	Rainfall at isolated places
Madhya Pradesh and Chhattisgarh	Dry	Dry	Rainfall at isolated places over north Madhya Pradesh	Rainfall at isolated places over north Madhya Pradesh and north Chhattisgarh
Bihar	Dry	Dry	Dry	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 widespread 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.