



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

[Press Release](#)

Dated: 17th February, 2019: Time: 1230 hours IST

Sub.: Wet Spell along with hailstorm over Western Himalayan Region and plains of northwest India during 17th to 21st February, 2019

Meteorological conditions:

In quick succession, two Western Disturbances (WDs) will affect northwest India during 17th to 21st February, 2019.

- The 1st WD is seen as cyclonic circulation over central Pakistan & neighbourhood at 3.1 km above mean sea level and 2nd as a trough roughly along longitude 56° E and north of latitude 32°N at mid-tropospheric levels. Under its influence, an Induced cyclonic circulation would form over West Rajasthan & neighbourhood by tomorrow.
- In association with the 2nd system, there would be high moisture incursion from Arabian Sea over northwest India specifically over Western Himalayan Region (WHR) mainly on 20th & 21st February, 2019. Strong wind convergence at mid & upper tropospheric levels over WHR and wind confluence at lower levels over plains of northwest India would also take place during same period.

Forecast & Warnings:

- Fairly widespread to widespread rain/snow would occur over Jammu & Kashmir and Himachal Pradesh; and scattered to fairly widespread over Uttarakhand during next 5 days. However, the intensity of the rain/snow will be high on 20th & 21st February, 2019.
- **Isolated heavy rain/snow would occur over Jammu & Kashmir and Himachal Pradesh on 20th & 21st February, 2019.**
- Light/moderate isolated to scattered rainfall would occur over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and Uttar Pradesh during 18th to 21st February, 2019.
- Thunderstorm accompanied with hailstorm, lightening & gusty wind at isolated places would occur over Jammu division, lower reaches of Himachal Pradesh and Uttarakhand mainly on 18th, 20th & 21st February; and over Punjab, Haryana, Chandigarh & Delhi and north Rajasthan on 20th & 21st February, 2019.

Legend: Heavy Rainfall (64.5-115.5 mm), Very Heavy (115.6-204.4 mm), extremely Heavy (204.5 mm or more)

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)
Dry (No station reported Rainfall)			