



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

**[Press Release](#)**

**Dated: 05<sup>th</sup> July, 2019: Time: 1400 hours IST**

**Sub: Advance of southwest monsoon over northwest India including Delhi and enhanced rainfall activity over northwest India during next 4-5 days.**

**Advance of southwest monsoon:**

- Southwest monsoon advanced into some more parts of Rajasthan, remaining parts of Uttar Pradesh, Himachal Pradesh, Uttarakhand and Jammu & Kashmir and some parts of Punjab, Chandigarh and entire Delhi.
- Northern Limit of Monsoon (NLM) passes through Lat. 25°N/Long. 60°E, Lat. 25°N/Long. 65°E, Barmer, Jodhpur, Sikar, Rohtak, Chandigarh, Una and Amritsar (**Fig. 1**).

**Favourable conditions leading to advance of Monsoon**

- There is an active trough of low pressure extending over northern parts of the country at lower levels.
- Yesterday well marked Low Pressure Area over central parts of south Uttar Pradesh & adjoining north Madhya Pradesh lay as a low pressure area over southeast Uttar Pradesh & adjoining northeast Madhya Pradesh in the morning today, the 5<sup>th</sup> July 2019 embedded over the above trough.
- Under these conditions, there are strong easterly winds prevailing over northwest India.

**Realised rainfall**

- Light to moderate rainfall occurred over many parts of northwest India with isolated heavy rainfall over Uttarakhand, Rajasthan, Haryana and West Uttar Pradesh during past 24 hrs ending at 0830 IST of 5<sup>th</sup> July 2019
- The chief amount of rainfall (in mm) in past 24 hours reported at 0830 hours IST of today are: **Uttarakhand** (Dharchula-97.8), **Rajasthan** (Didwana-65.0, Ajmer-84.2, Ajmer Tehsil Sr-89.0, Mangliawas Sr-110.0, Pushkar Sr-100.0, Bhungra Sr-127.0, Danpur-75.0, Khushalgarh-71.0, Sallopat Sr- 90.0, Bayana-107.0, Bari-72.0, Sapau Sr-65.0, Galiakot Sr-67.0, Veja Sr-70.0, Khanpur 70.0, Pachpahar Sr 78.0, Hindaun 65.0, Ramganjmandi Sr 77.0, Pratapgarh 81.0, Pipalkhunt Sr 99.0, Khandar Sr 111.0), **Haryana, Chandigarh & Delhi** (Naraingarh 71.0, Gurgaon Rev 82.0, Bilaspur 90.0, Jagadhari 111.0, Sadhaura 128.0, Tajewala 82.3), Uttar Pradesh (Agra Obsy 109.6 And Kirawali 85.2).

**Forecast**

- In association with above mentioned weather systems, conditions are becoming favourable for further advance of Southwest Monsoon into remaining parts of Haryana, Punjab and some more parts of Rajasthan during next 72 hours.

### Detailed rainfall Forecast & Warnings:

Sub-Division	05 July*	06 July*	07 July*	08 July*	09 July*
East Uttar Pradesh	Fairly widespread rainfall with heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy falls at a few places with very heavy falls at isolated places	Widespread rainfall with heavy falls at a few places with very heavy falls at isolated places	Widespread rainfall with heavy falls at a few places with very heavy falls at isolated places
West Uttar Pradesh	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places
Uttarakhand	Widespread rainfall with heavy falls at a few places with very heavy falls at isolated places	Widespread rainfall with heavy falls at a few places with very heavy falls at isolated places	Widespread rainfall with heavy falls at a few places with very heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy falls at isolated places
Haryana, Chandigarh & Delhi	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places
Punjab	Scattered rainfall with heavy falls at isolated places	Scattered rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places
Himachal Pradesh	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy to very heavy falls at isolated places	Widespread rainfall with heavy falls at isolated places
Jammu & Kashmir	Fairly widespread rainfall	Scattered rainfall	Scattered rainfall	Fairly widespread rainfall with heavy falls at isolated places	Fairly widespread rainfall with heavy falls at isolated places

**Note:** \* Rainfall till 0830 IST of next day

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

**Heavy rain:** 64.5-115.5 mm/day; **Very heavy rain:** 115.6-204.4 mm/day; **Extremely heavy rain:** more than 204.4 mm/day, **Widespread** (76-100% stations), **Fairly widespread** (51-75% stations) and **Scattered/at a few places** (26-50% stations).

**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

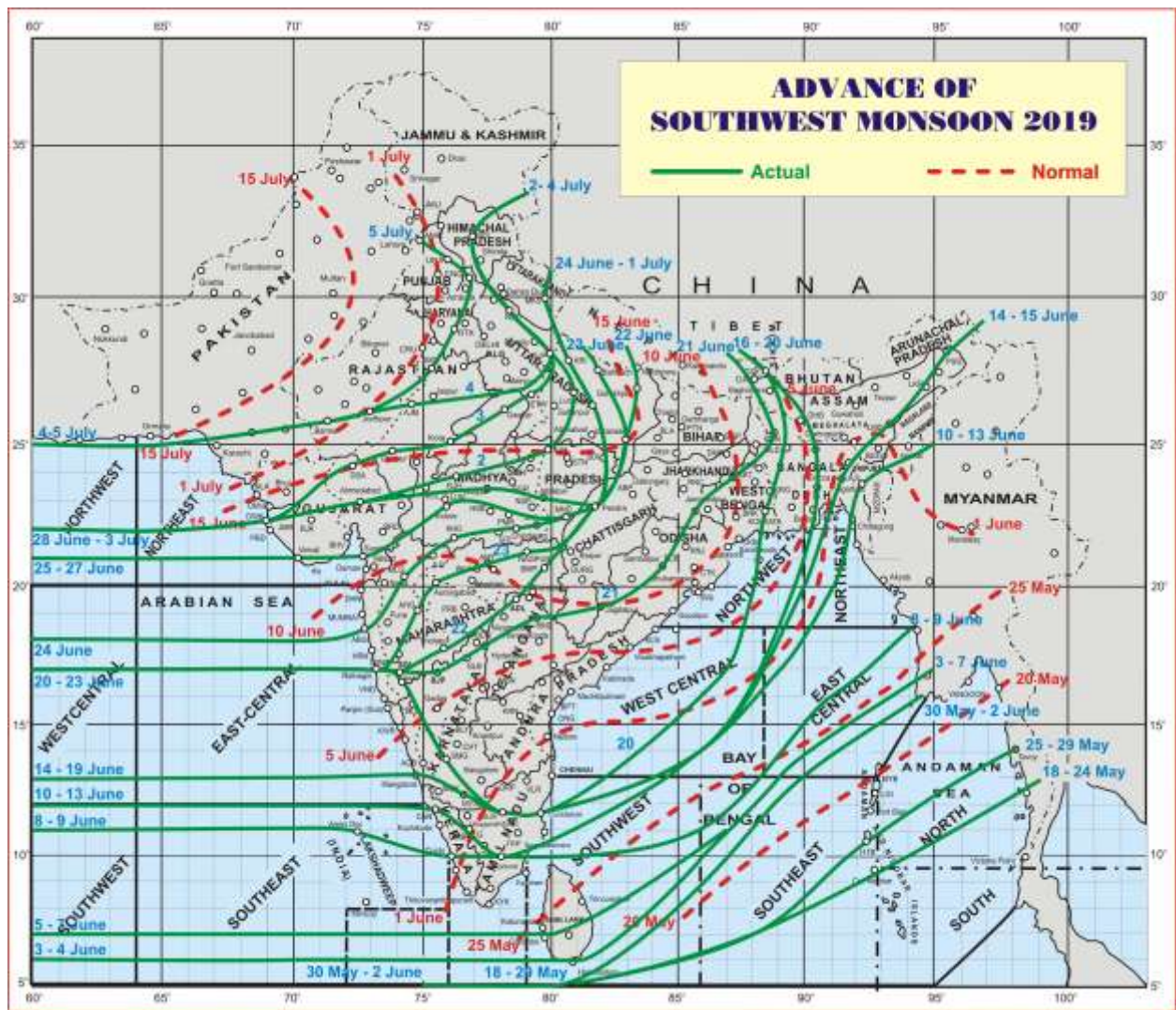


Fig. 1: Advance of southwest monsoon 2019