



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

**Press Release**

**Date: 14<sup>th</sup> June 2020**

**Time: 1630 hours IST**

**Sub: Advance of southwest monsoon over entire Maharashtra (including Mumbai), parts of south Gujarat and some more parts of central & East India; and its forecast till 19<sup>th</sup> June 2020**

**Advance of Southwest Monsoon till 14<sup>th</sup> June, 2020**

- The Southwest Monsoon has further advanced into remaining parts of Central Arabian Sea, some parts of northeast Arabian Sea, Gujarat state, Dadra & Nagar Haveli, remaining parts of Maharashtra (including Mumbai), some parts of Madhya Pradesh, most parts of Chhattisgarh and Jharkhand and some more parts of Bihar.
- The Northern Limit of Monsoon (NLM) now passes through Lat.20°N/Long.60°E, Lat.20°N/Long.70°E, Surat, Nandurbar, Betul, Seoni, Pendra Road, Ambikapur, Gaya, Patna and Lat.27°N/Long.85°E (**Annexure I**).
- **The Chief amount of rainfall (in cm) more realized past during 24-hours till 0830 IST of 14<sup>th</sup> June 2020 (>5cm):**
  - Gujarat:** Madhbun (Dadara & Nagar Haveli)-9, Abad City (Ahmedabad)-7, Dahegam (Gandhinagar)-7, Nanipalson (Valsad)-7, Gandhinagar (Gandhinagar)-6, Talod (Sabarkantha)-6, Khanvel (Dadara & Nagar Haveli)-6, Kaprada (Valsad)-5, Malpur (Aravalli)-5, Nakhatrana (Kutch)- 5 cm
  - **Maharashtra:** Mumbai(Colaba)-1, Mumbai (Santacruz)-2, Pernem (North Goa)-12, Mokheda (Palghar)- 12, Matheran (Raigad)- 8, Malvan (Sindhudurg)- 7, Ulhasnagar (Thane)- 11, Amalner (Jalgaon)- 6, Shahada (Nandurbar)- 7, Igatpuri (Nashik)- 7, Ashti (Beed)- 5 and Aundha Nagnath (Hingoli)- 7

## Southwest Monsoon till 14<sup>th</sup> June 2020:

For the country as a whole, Seasonal cumulative rainfall during this year's southwest monsoon till 14<sup>th</sup> June 2020 is above Long Period Average (LPA) by 31%. It is 19%, 94% & 20% above their LPA over northwest, central & south peninsular India respectively. Details of the rainfall distribution over the four broad geographical regions of India are given below (**Annexure II**):

Regions	Actual Rainfall(mm)	Normal Rainfall(mm)	%Departure from LPA
Country as a whole	75.8	57.8	31%
Northwest India	27.2	22.8	19%
Central India	91.0	46.9	94%
South Peninsula	80.2	66.9	20%
East & northeast India	131.8	137.4	-4%

## Meteorological Conditions

- A trough runs from northwest Rajasthan to coastal Odisha at lower tropospheric levels.
- An east-west shear zone runs along Lat.22°N across Central India between 3.1 and 4.5 km above mean sea level.
- A cyclonic circulation lies over East Madhya Pradesh & neighbourhood at mid-tropospheric levels.

## Forecast & warnings

- Under the influence of above systems, **conditions are becoming favourable for further advance of Southwest Monsoon into some more parts of North Arabian Sea, Gujarat and Madhya Pradesh, remaining parts of Chhattisgarh, Jharkhand and Bihar and some parts of East Uttar Pradesh during next 48 hours.**
- Fairly widespread to widespread rainfall very likely to continue over Maharashtra, Gujarat, most parts of central and east India during next 4-5 days **with isolated heavy to very heavy falls** over Konkan & Goa, Madhya Maharashtra, Gujarat and isolated heavy over south Madhya Pradesh, Vidarbha, Chhattisgarh and Marathwada during next 2-3 days.

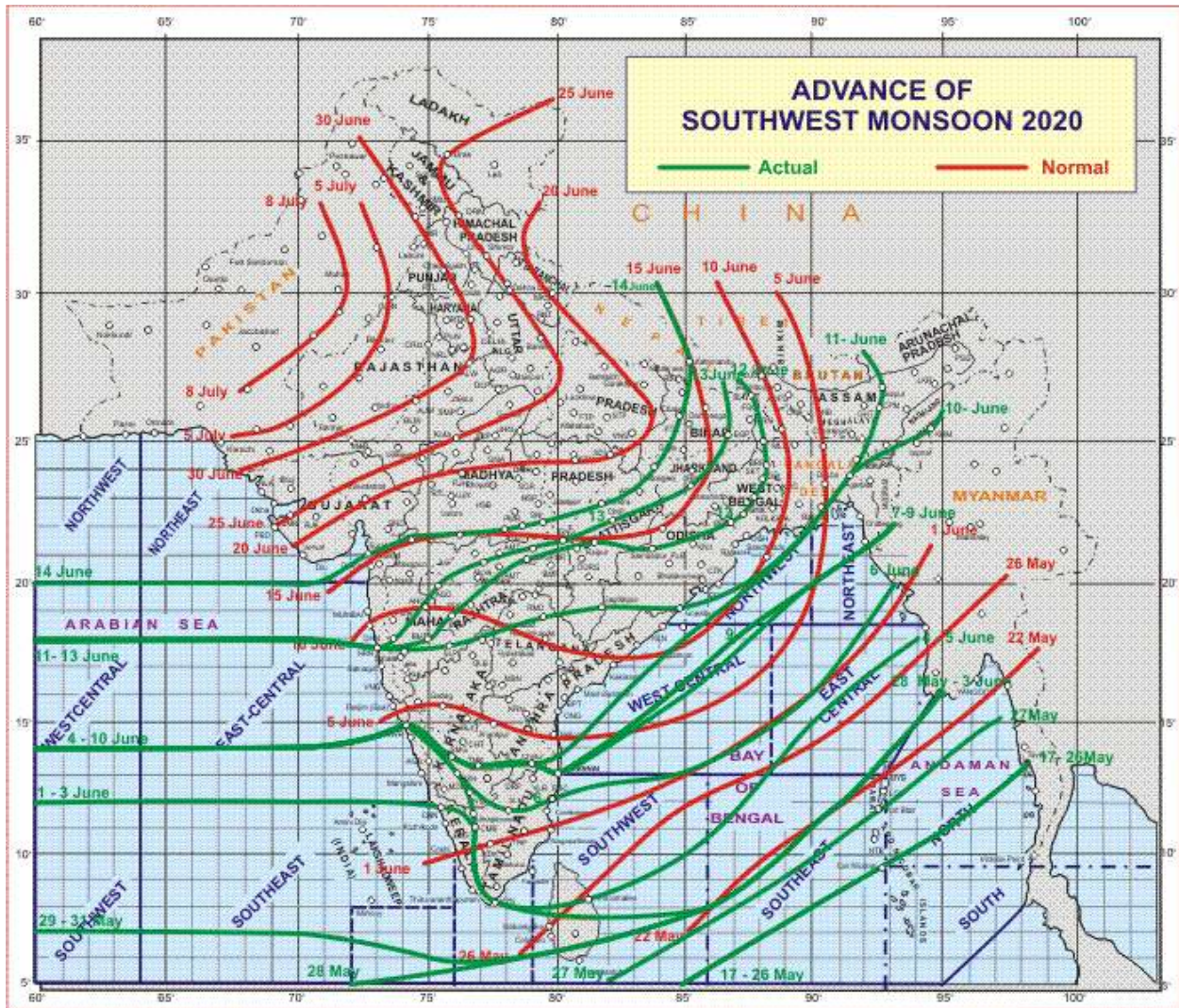
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**Heavy rain: 64.5-115.5 mm/day; isolated rain (≤25% of stations gets rain), scattered or at a few places rain (26 to 50% of stations gets rain), at many places or fairly widespread rain (51–75% of stations gets rain) and at most places or widespread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

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





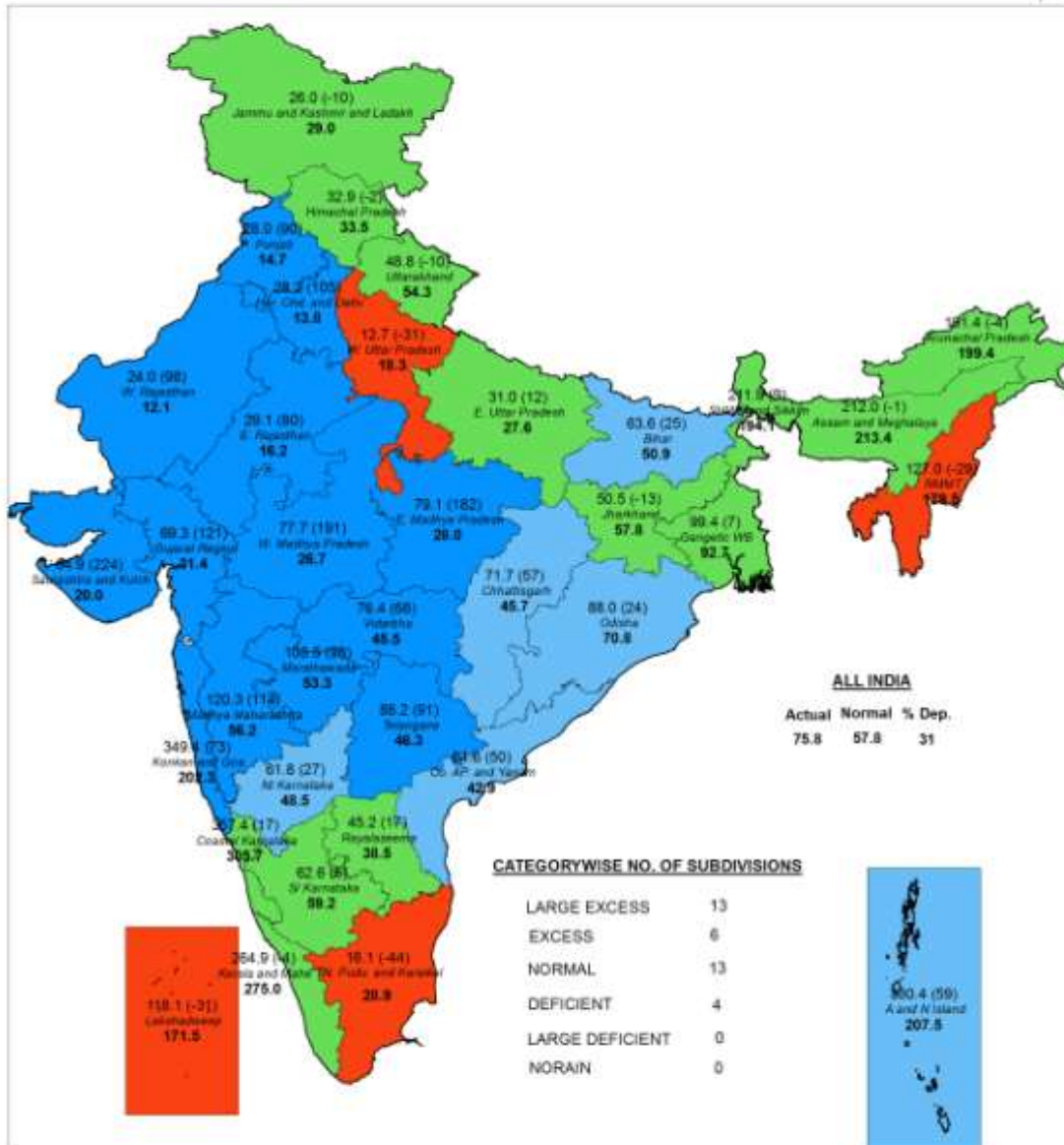


भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

जल मौसम विज्ञान पभाग, नई दिल्ली  
HYDROMET DIVISION, NEW DELHI

**SUBDIVISION RAINFALL MAP**

Period : 01-06-2020 To 14-06-2020



**Legend**

Large Excess [ 60% or more] Excess [ 20% to 59%] Normal [-19% to 19%] Deficient [-59% to -20%] Large Deficient [-60% to -99%] No Rain [-100%] No Data

**NOTES :**

- a) Rainfall figures are based on operation data.
- b) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
- c) Percentage Departures of rainfall are shown in brackets.