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Skymet Weather Services Pvt. Ltd.

<https://www.skymetweather.com/>

PRESS RELEASE

Skymet Weather Forecasts Below Normal Monsoon for India in 2023

Skymet, India's leading weather forecasting and agriculture risk solution company, has released its monsoon forecast for 2023. Skymet expects the upcoming monsoon to be **'below normal'** to the tune of 94% (with an error margin of +/-5%) of the long-period average (LPA) of 868.6 mm for the 4-month long period from June to September. The spread of below normal being 90-95% of LPA. In its earlier foreshadow released on January 04, 2023, Skymet assessed the monsoon 2023 to be sub-par and now retains the same.

According to Jatin Singh, Managing Director, Skymet, "Courtesy Triple-Dip-La Niña, southwest monsoon observed above normal/normal rainfall for the last 4 consecutive seasons. Now, La Niña has ended. Key oceanic and atmospheric variables are consistent with ENSO-neutral conditions. The likelihood of El Niño is increasing, and its probability to become a dominant category during the monsoon is growing large. El Niño return may presage a weaker monsoon".

Besides El Niño, there are other factors too influencing monsoons. Indian Ocean Dipole (IOD) has the potential to steer monsoon and negate the ill effects of El Niño when sufficiently strong. IOD is neutral now and is leaning to turn moderately positive at the start of the monsoon. El Niño and IOD are likely to be 'out of phase' and may lead to extreme variability in the monthly rainfall distribution. The second half of the season is expected to be more aberrated.

According to Skymet, Monsoon probabilities for JJAS are:

- 0% chance of excess (seasonal rainfall that is more than 110% of LPA)
- 15% chance of above normal (seasonal rainfall that is between 105 to 110% of LPA)
- 25% chance of normal (seasonal rainfall that is between 96 to 104% of LPA)



- 40% chance of below normal (seasonal rainfall that is between 90 to 95% of LPA)
- 20% chance of drought (seasonal rainfall that is less than 90% of LPA)

On a monthly scale, the precipitation foreshadow is as follows:

June - 99% of LPA (LPA for June = 165.3 mm)

- 70% chance of normal
- 10% chance of above normal
- 20% chance of below normal

July - 95% of LPA (LPA for July = 280.5 mm)

- 50% chance of normal
- 20% chance of above normal
- 30% chance of below normal

August - 92% of LPA (LPA for August = 254.9 mm)

- 20% chance of normal
- 20% chance of above normal
- 60% chance of below normal

September - 90% of LPA (LPA for September = 167.9 mm)

- 20% chance of normal
- 10% chance of above normal
- 70% chance of below normal

About Skymet

Skymet is India's largest weather monitoring and agri-risk solutions company. The only private weather forecasting agency in India, Skymet was established in 2003 and has been known for providing reliable and accessible weather forecasts since then. Skymet runs its own numerical weather models and provides an array of weather-based services through data and information tools. It uses innovation to provide weather forecasts to power companies, media conglomerates, farmer innovation services, agricultural input producers, and logistic operators. It has pioneered uses for long-range Monsoon weather forecasts, satellite remote sensing technologies, and unmanned aerial vehicles in India.



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