

## No El Nino expected, it will be a 'Normal' monsoon, says Skymet.

The southwest monsoon is likely to be “normal” in 2022, though rainfall in August, the second rainiest month, will likely be subdued, the private weather company Skymet said on Tuesday.

“Normal is 98% of the historical average of 88 cm of rainfall for the four months from June to September,” it said. Rajasthan, Gujarat, Nagaland, Manipur, Mizoram and Tripura are likely to be rain deficit throughout the season. The northeastern States have a high base level of rainfall.

In the south, Kerala and north interior Karnataka will get subdued rainfall in the core monsoon months of July and August. On the other hand, the key kharif crop regions of Punjab, Haryana, and Uttar Pradesh and the rain-fed areas of Maharashtra and Madhya Pradesh would receive “above normal” rainfall, the agency said.



The El Nino, characterised by a warming of temperatures in the Central Pacific and associated with poor rainfall over India, is not expected to surface this year. Its converse, or La Nina, had helped with two years of above normal rainfall in 2019 and 2020 and “normal” rainfall in 2021.

“The last two monsoon seasons have been driven by back-to-back La Nina events... the occurrence of El Nino, which normally corrupts the monsoon, is ruled out,” Yogesh Patil, CEO, Skymet, said.

However, there would be bursts of intense rainfall, followed by long dry intervals, he added.

Another factor that influences monsoon is the Indian Ocean dipole, whose “positive” phase corresponded to good rainfall and “negative” the opposite. “The Indian Ocean dipole is neutral, albeit having a propensity of negative inclination... Monsoon will have to ride over ENSO — neutral

conditions, while battling resistance from IOD, especially during the second half of the season. This possibly can lead to extreme variability in the monthly rainfall distribution,” the agency said.

The first half of the monsoon — June and July — is expected to be better than the second. June was expected to get 7% more rain than normal, July 100%, August 95% and September, when the monsoon starts to wane, 90%. The past few years, however, have seen unusually high rainfall in September.

The India Meteorological Department , which issues the official forecast, is expected to announce its first forecast later this week. The agency follows a multi-stage forecast system with an update in June.

### Expected Question (Prelims Exams)

**Q. Consider the following statements.**

1. El Nino is a natural phenomenon where in the ocean temperatures rise especially in parts of the Pacific ocean.
  2. It is the nomenclature which is referred to for a periodic development along the coast of Peru.
- Which of the above statements is /are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None

### Expected Question (Mains Exams)

**Q. What is El Nino? Discuss the effects of El Nino on India. (250 Words)**

**Note: - The question of the main examination given for practice is designed keeping in mind the upcoming UPSC main examination. Therefore, to get an answer to this question, you can take the help of this source as well as other sources related to this topic.**