

Kerala and Uttarakhand received record rainfall in October, with several districts reporting 24 hours high that exceeded the figures from over a century. What explains this incessant rain?
(200 words).

Kerala and Uttarakhand has received 124% excess rain in October which is normally a period of retreating time of southwest monsoon. The districts like Azhlepura have received record high 24 hours rainfall. This incessant rain is expected to be caused because of slow retreating of monsoon and varying nature of ~~mon~~ monsoon due to climatic changes.

Main causes for incessant rain

1. Initially the southwest monsoon would retreat before early October but this time it still prevailed till mid October.

2. Due to unusual warming of Arabian Sea in past recent, it contributes more to the rainfall during retreating time.
3. The Climatic change has increased freshwater inflow into Bay of Bengal and there is frequent formation of low pressure & rain bearing cyclones.
4. Additionally the western disturbances from mediterranean region has further intensified rainfall with Bay of Bengal branch in the Uttarakhand region.
5. Overall all these attract colder air from poles at greater intensity causing heavy downpours in North India.

Thus National Cyclone Risk Mitigation Projects, Early Warning System are certain measures to fight incessant rain.