



Red Alert for Uttarakhand

Why in News?

Recently, The [India Meteorological Department \(IMD\)](#) has issued a **red alert** for certain areas in **Himachal Pradesh and Uttarakhand** due to an **increased risk of extremely heavy rainfall and potential flooding**.

Key Points

- Heavy rainfall raises concerns for **waterlogging, landslides, and disruptions to daily life and transportation**.
- Authorities are urging residents in these areas to **stay informed with the latest weather updates and take necessary precautions** to safeguard their health and property as the monsoon intensifies.

Colour- Coded Weather Warning

- It is issued by the **IMD** whose objective is to alert people ahead of severe or hazardous weather which has the potential to cause damage, widespread disruption or danger to life.
- Warnings are updated daily.
- The IMD uses 4 colour codes are:
 - **Green (All is well): No advisory** is issued.
 - **Yellow (Be Aware):** Yellow indicates severely bad weather spanning across several days. It also suggests that the weather could change for the worse, causing disruption in day-to-day activities.
 - **Orange/Amber (Be prepared):** The orange alert is issued as a warning of extremely bad weather with the potential of disruption in commute with road and rail closures, and interruption of power supply.
 - **Red (Take Action):** When the extremely bad weather conditions are certainly going to disrupt travel and power and have significant risk to life, the red alert is issued.
- These alerts are **universal in nature** and are also issued during floods, depending on the amount of water rising above land/in a river as a result of torrential rainfall.
- For instance, when the water in a river is 'above normal' level, or between the 'warning' and 'danger' levels, a yellow alert is issued.