

Heavy Rain Forecasts | Haryana | 12 Aug 2024

Why in News?

Recently, The <u>India Meteorological Department (IMD)</u> has issued an **orange alert** for **Chandigarh**, **Haryana**, **and Punjab** and forecast heavy to very heavy rain in isolated areas.

Key Points

- <u>Colour- Coded Weather Warning</u> 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 <u>torrential rainfall</u>.
 - For instance, when the water in a river is 'above normal' level, or between the 'warning' and 'danger' levels, a yellow alert is issued.

India Meteorological Department (IMD)

- **IMD** was established in **1875**. It is the **National Meteorological Service** of the country and the principal government agency in all matters relating to meteorology and allied subjects.
 - It works as an agency of the Ministry of Earth Sciences of the Government of India.
- It is headquartered in New Delhi.
- IMD is also one of the six Regional Specialized Meteorological Centres of the World Meteorological Organization.

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