



Dated: 30 May 2019

## PRESS RELEASE

**Subject: Severe Heat Wave conditions over plains of Northwest India**

### **Analysis of Weather Conditions**

- For the last 4-5 days, the sky is mainly clear over Northwest India and there is no thundershower activity. As a result, rise in maximum temperatures by around 2-4 °C were experienced over parts of Northwest India including Delhi NCR. Heat Wave conditions also developed over parts of Uttar Pradesh, Rajasthan and Delhi NCR. The highest maximum temperature in the plains of Northwest India was 47.6°C recorded at Prayagraj (Uttar Pradesh) on 29 May 2019.
- Analysis of high resolution global and regional Numerical model products, satellite information and prevailing weather observations are indicating mainly clear sky over plains of Northwest India including Delhi-NCR **till 3 June. Advection of heat from west, subsidence over the region and lack of Rain/Thunderstorm activity will lead to further rise in** Maximum temperatures by about 2°C in the region and it may cross 45°C at many places and may even touch 47°C at some places in the region especially over Uttar Pradesh and Rajasthan.
- A Western Disturbance is likely to affect western Himalayan region mainly from 02 June, however it is unlikely to cause significant Thunderstorm activity over the plains.

### **Heat Waves Warnings for next 4-5 days**

- Heat wave conditions likely to prevail at isolated places over Jammu area during next 72 hours.
- **Heat wave conditions likely to prevail at many places with Severe heat wave at a few places over East Uttar Pradesh and West Rajasthan.**
- **Heat wave conditions likely to prevail at many places with Severe heat wave at isolated places over West Uttar Pradesh, Haryana, Delhi NCR and East Rajasthan.**
- Heat wave conditions likely at a few places over Punjab and Chandigarh.

### **Forecast for Delhi/NCR**

Mainly Clear Sky. Heat wave conditions are likely to prevail at few places during next 24 hours. Thereafter, during next 2-3 days, there is also a possibility of development of severe heat wave conditions with maximum temperature touching 46-47 °C at isolated pockets.