



**Government of India
Earth System Science Organization
Ministry of Earth Sciences
India Meteorological Department**

Dated: 30th June, 2018

Time of Issue: 1545 Hours IST

Current Temperature Status and Warning for next five days

Heat Wave and Temperature Observed Yesterday (Past 24 hours from 0830 hrs IST of 29 June to 0830 hrs IST 30 June, 2018)

Heat Wave:

Yesterday, No heat wave conditions observed over any part of the country (**Annexure 1 & 2**).

Maximum Temperature

Maximum temperatures were above normal (1.6°C to 3.0°C) at many parts of Saurashtra & Kutch and at one or two pockets of over Bihar, Gangetic West Bengal, Assam & Meghalaya, North Interior Karnataka and Tamilnadu & Puducherry. Yesterday, the Highest maximum temperature of 39.5°C was recorded at Madurai (Tamilnadu & Puducherry) over plains of the country (**Annexure 1 & 2**).

Temperatures Recorded at 1430 Hours IST of Today, the 30th June, 2018

- **Temperatures more than 40.0°C** is no where recorded at any part of the country (**Annexure 3**).
- **Temperatures recorded at 1430 hours of today have risen by 2-5°C** at some parts of Jammu & Kashmir, West Rajasthan and Odisha and at one or two pockets of Himachal Pradesh, Madhya Pradesh, Bihar, Jharkhand, Gangetic West Bengal, Chhattisgarh, Telengana, Coastal andhra Pradesh, Madhya Maharashtra and Coastal Karnataka; **by 1 to 2°C** at most parts of the country except Saurashtra & Kutch and North Interior Karnataka (**Annexure 4**).

Heat Wave Warnings for Next 5 Days (on next page)

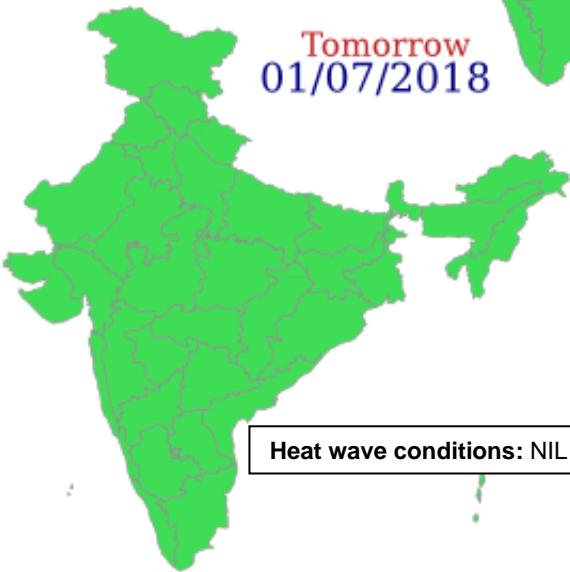
(For significance of colour code and criteria for Heat Wave, kindly refer to Annexure-5 at end of this document)

Today
30/06/2018



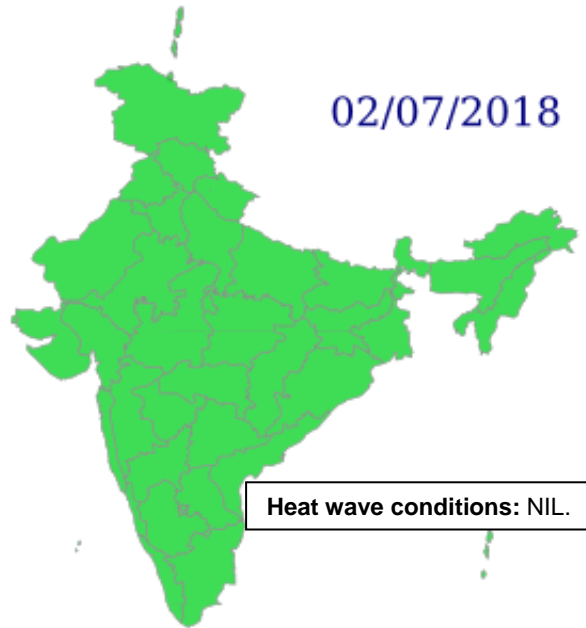
Heat wave conditions: NIL

Tomorrow
01/07/2018



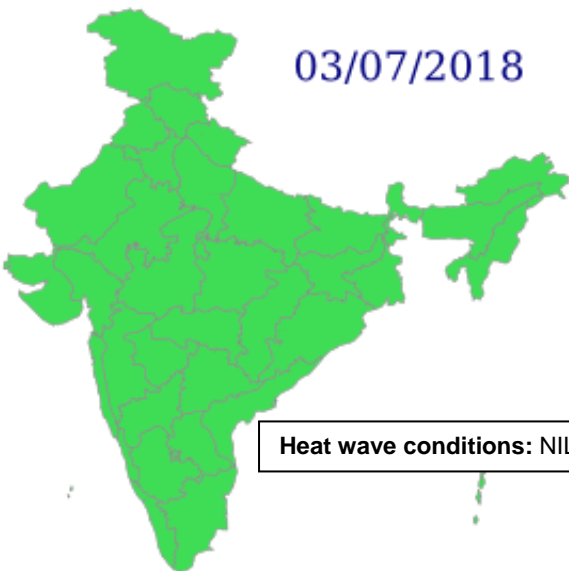
Heat wave conditions: NIL

02/07/2018



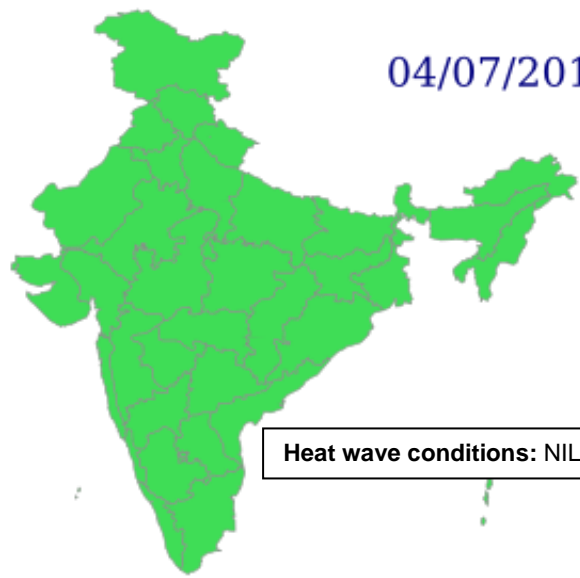
Heat wave conditions: NIL.

03/07/2018

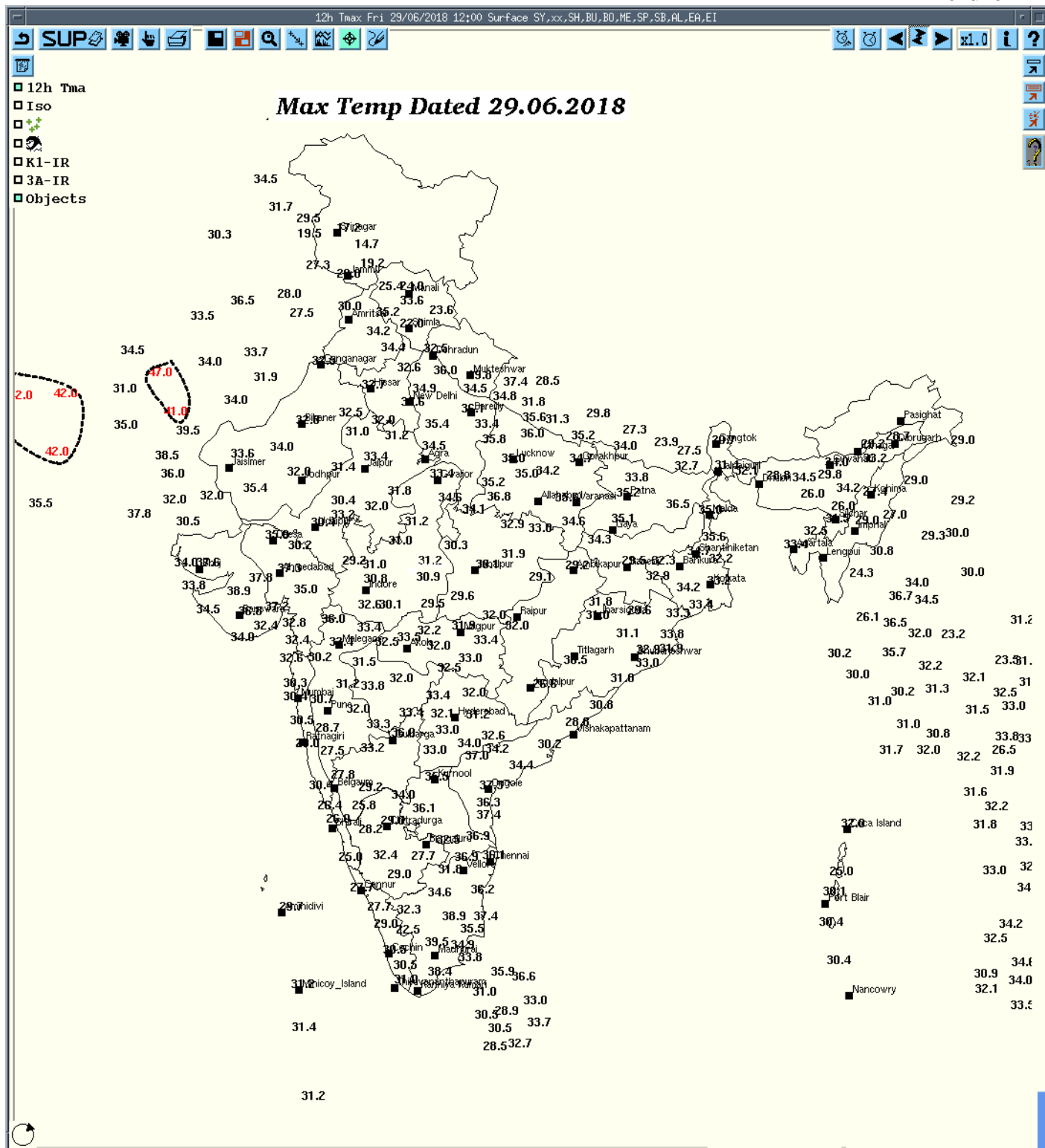


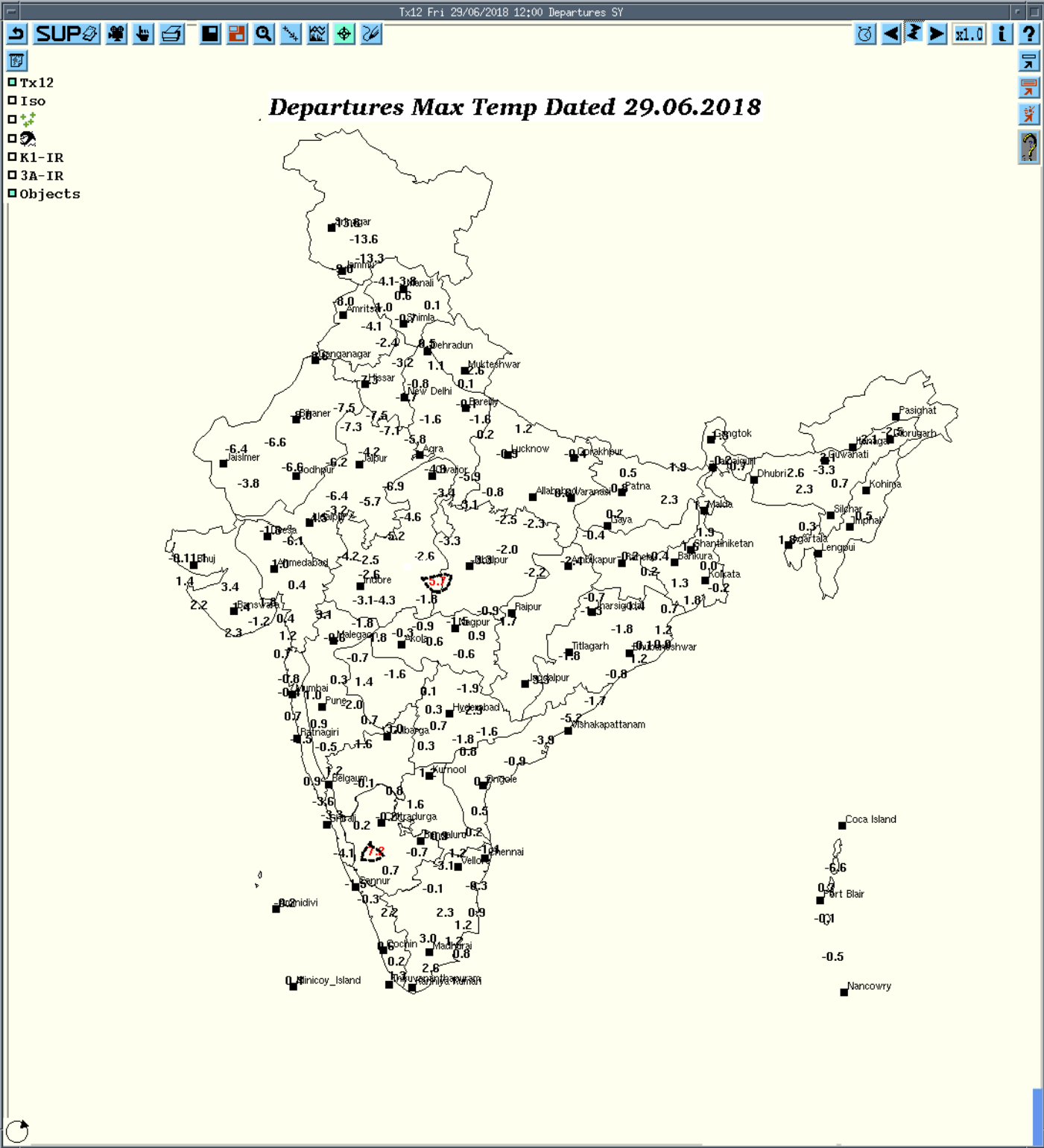
Heat wave conditions: NIL.

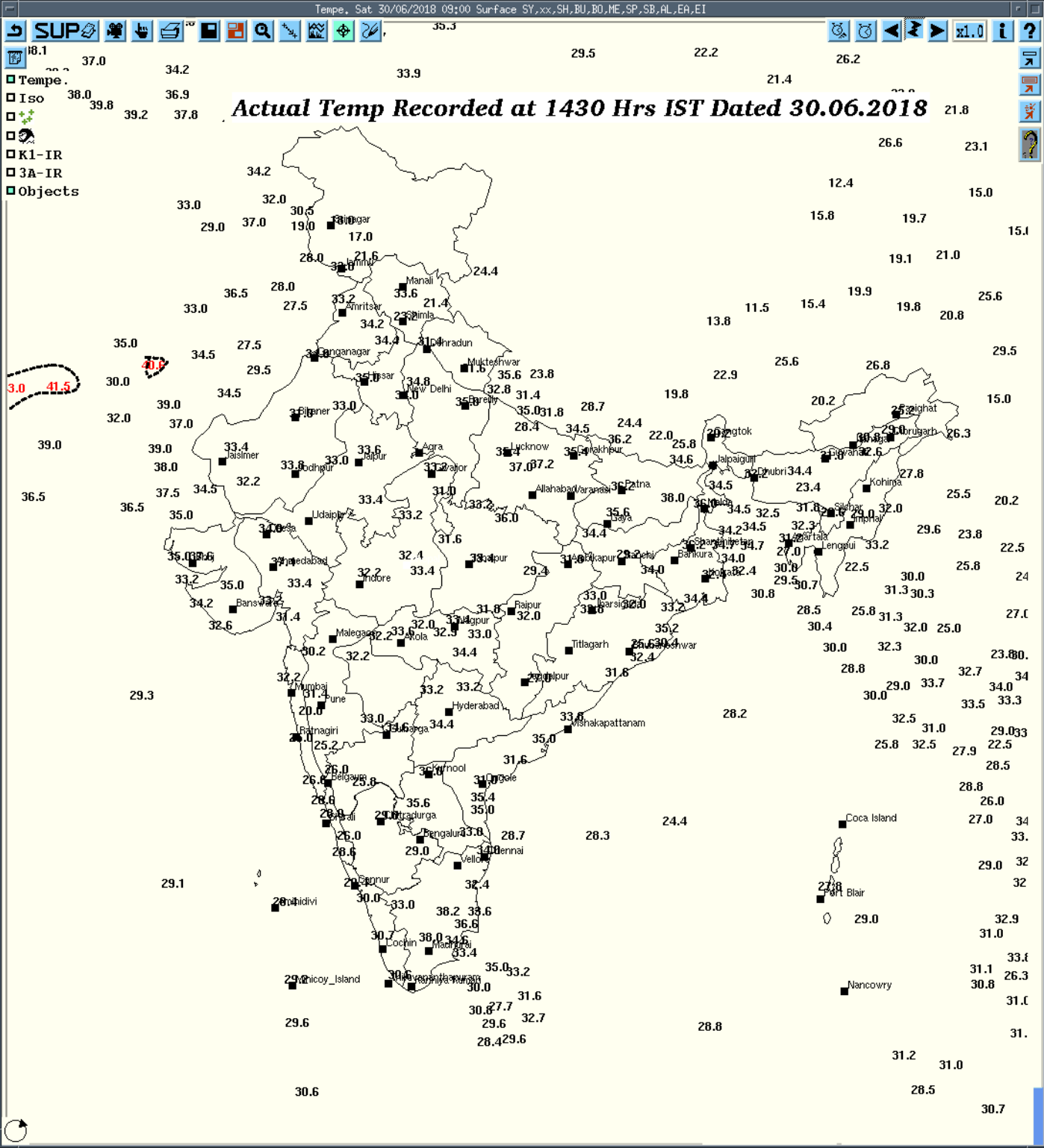
04/07/2018



Heat wave conditions: NIL.







Heat Wave

Heat wave is considered if maximum temperature of a station reaches at least 40°C or more for Plains, 37°C or more for coastal stations and at least 30°C or more for Hilly regions. Following criteria are used to declare heat wave:

a) Based on Departure from Normal

- *Heat Wave*: Departure from normal is 4.5°C to 6.4°C
- *Severe Heat Wave*: Departure from normal is >6.4°C

b) Based on Actual Maximum Temperature (for plains only)

- *Heat Wave*: When actual maximum temperature $\geq 45^{\circ}\text{C}$
- *Severe Heat Wave*: When actual maximum temperature $\geq 47^{\circ}\text{C}$

To declare heat wave, the above criteria should be met at least in 2 stations in a Meteorological sub-division for at least two consecutive days and it will be declared on the second day.

Heat Wave Warning

Green (No action)	Normal Day	Maximum temperatures are near normal
Yellow Alert (Be updated)	Heat Alert	Heat wave conditions at district level likely to persist for 2 days
Orange Alert (Be prepared)	Severe Heat Alert for the day	(i) Severe heat wave conditions persist for 2 days. (ii) With varied severity, heat wave is likely to persists for 4 days or more
Red Alert (Take Action)	Extreme Heat Alert for the day	(i) Severe heat wave persists for more than 2 days. (ii) Total number of heat/severe heat wave days likely to exceeds 6 days.