

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

UNSTARRED QUESTION NO:609

ANSWERED ON:27.04.2016

Heat Waves' Advisory

Chavan Shri Ashok Shankarrao;Gaikwad Dr. Sunil Baliram;Gupta Shri Sudheer;Kirtikar Shri Gajanan Chandrakant;Mahato Shri Bidyut Baran;Mullappally Shri Ramachandran;Rao Shri Rayapati Sambasiva;S.R. Shri Vijay Kumar;Singh Shri Kunwar Haribansh

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) the number of persons who lost their lives/seriously hurt due to heat waves which swept across the country during each of the last three years and the current year so far, State-wise;
- (b) whether India Meteorological Department (IMD) has come out with the summer advisory/summer temperature outlook for the current summer season and if so, the details thereof;
- (c) the details of cities/towns that are to be covered for this purpose;
- (d) the time by which such heat waves" specific advisories are likely to be released; and
- (e) the steps taken/being taken by the Government to spread the heat condition advisories to more and more people of the country?

**Answer**

THE MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES  
(SHRI Y. S. CHOWDARY)

(a) The number of persons who lost their lives/seriously hurt due to heat waves which swept across the country during each of the last three years and the current year are as under;

State Year

2013 2014 2015 Till March 2016

Andhra Pradesh 1393 447 1422 8

Telangana 584 56

Odisha 1 24 67 19

West Bengal 4 19 13

Assam 12

Jharkhand 6

Maharashtra 3 36 1

M.P 3 10

U.P. 22

Rajasthan 5 6 2

Gujarat 6 3 10

Chhattisgarh 14

Kerala 1

Tamil Nadu 1

Karnataka 1

Delhi 5

Year- Total 1433 549 2135 87

(b) Yes Madam. India Meteorological Department (IMD) Issued Seasonal Outlook for Temperatures during the 2016 Hot Weather Season (April- June) as given below on 31st March 2016.

During the 2016 Hot Weather Season (April to June), warmer than normal temperatures are expected in all meteorological sub-divisions of the country. Seasonal (April-June) average temperatures over northwest India are expected to be above normal by more than 1.00 C.

Above normal heat wave (HW) conditions are very likely over central and northwest India during the 2016 Hot Weather Season.

(c-e) IMD is also providing extended range forecasts (5 –day averaged forecasts for next 15 days) of heat wave conditions over the whole country. The forecast will consist of probability of occurrence of hot days, heat waves and severe heat waves for the next 15 days updated every 5th day from 1st April, 2016 onwards.

IMD will issue heat wave alerts and warnings on every five days which will be valid for next 15 days. The forecasts will be made

available through IMD, Delhi website ([www.imd.gov.in](http://www.imd.gov.in)) and simultaneously shared with respective national/state/district level Disaster Management Authorities. Advisories include precautionary measures to avoid heat stroke include – drinking plenty of water; avoiding going out in open heat during 10AM-4PM; wearing light colored clothes; covering head/using umbrella while going out; monitoring symptoms of heat stroke etc. Based on such warnings, the respective authorities have been urging people to stay indoors during the mid-day along with health advisories to stay hydrated (to drink lot of water) so as to avoid heat strokes/illness.

Upon prediction of heat wave conditions by the IMD, various state governments have a system of giving wide publicity of Dos and Don'ts through advertisements in TV channels, News Papers and opening drinking water camps at identified places in rural and urban areas to mitigate the impact of heat waves. The schedule of National Rural Employment Guarantee Scheme workers is adjusted to avoid exposure to extreme hot weather duration periods.