



DROUGHT AND HEAT WAVE SITUATION IN INDIA- 1

3rd May, 2018

A. SITUATION IN INDIA

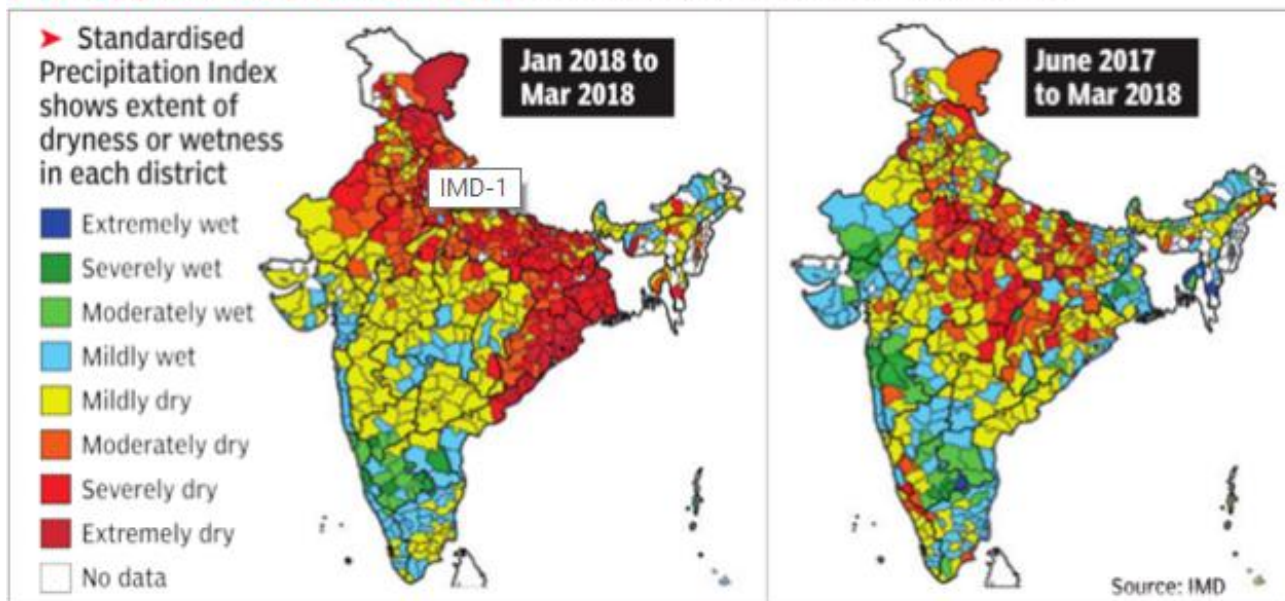
With the latest India Meteorological Department data showing mild to extremely dry conditions in 404 districts due to poor rainfall since October 2017 could denote the commencement of a water crisis in the peak summer months ahead in the country. Of these, around 140 districts were termed severely to extremely dry in the October 2017-March 2018 period. Another 109 districts were moderately dry while 156 had mild dry conditions.

Heat wave warning has been alerted by IMD in West Rajasthan (upto 25% places): East Rajasthan, West Madhya Pradesh, north Madhya Maharashtra, Marathwada and Vidarbha for next 05 days.

Meanwhile, severe thunderstorm activity over east & northeast India during next 2-3 days as been alerted by IMD on 30th April, 2018.

SPI Map Below:

POOR WINTER RAIN INCREASES DRYNESS



January-March map: 43 districts extremely dry, 110 severely dry, 113 moderately dry, 206 mildly dry. **June 2017-March 2018 map:** 12 districts extremely dry, 45 severely dry, 85 moderately dry, 226 mildly dry

Source: Media



B. IMPACT OF THE SITUATION:

Drought like situation in Madhya Pradesh:

In Madhya Pradesh 132 tehsils of 18 district declared drought affected.

Read more at <https://navbharattimes.indiatimes.com/state/madhya-pradesh/bhopal/indore/132-tehsils-of-18-district-in-mp-declared-drought-affected/articleshow/61507378.cms>

No. of districts affected by drought	18
Drought declared districts of Madhya Pradesh	Bhind, Chhatarpur, Damoh, Datia, Gwalior, Morena, Sagar, Satna, Shahdol, Shajapur, Shivpuri, Sheopur, Sidhi, Tikamgarh, Umaria, Vidisha, Ashoknagar, Panna

Government Response:

- 13 districts in Madhya Pradesh were declared drought-hit by state government, now the figures has rose to 18 districts.
- Government has allotted 1582.02 in crore for 2017-18 and 580.63 Crore for 2018-19 for all drought affected districts except Panna which has not submitted any demand so far. Till now 748.00 crore in 2017-18 and INR 39.60 crore has been spent by districts of the allotted money.
- IMD has been issuing regular bulletin and alerts.

Humanitarians Response:

- IAG-MP emergency coordination meeting was held at UNICEF State Office, Bhopal on 12th April, 2018. The details minutes can be accessed at <https://sphereindiablog.wordpress.com/2018/04/17/minutes-of-iag-meeting-held-on-12th-april-2018-at-the-unicef-office-regarding-the-drought-like-situation-in-the-state-of-mp/>
- A quick assessment of situation in drought declared districts is being organised by IAG –MP members covering 03 villages per district. The assessment will cover 05 households and one *Anganwadi* for each village. The final report is expected to be available by the 1st week of May, 2018.
- List of districts to be taken up by the respective IAG member organizations for Joint Rapid Needs Assessment on Drought in MP are:

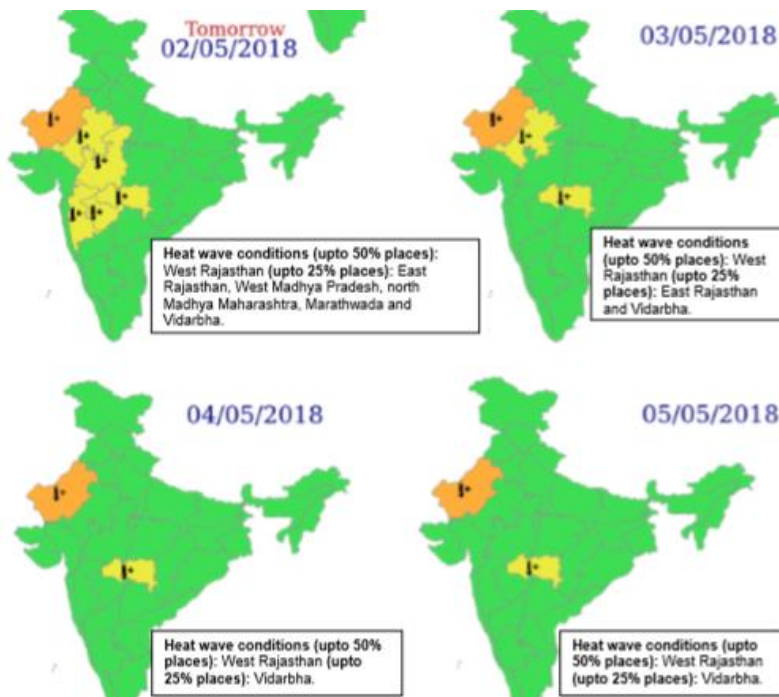
Name of Organization	Name of District	No. of Districts
World Vision India	Sagar, Indore and Chindwara	3
IGSSS	Tikamgarh and Shivpuri	2
Shuruat	Panna and Sheopur	2
Nutrition International	Ashoknagar, Bhind, Gwalior and Vidisha	4
Caritas India	Sagar	1



- Next IAG meeting will be held in May 2018 for follow up on drought and heat wave situation and flood preparations.

Source: IAG-MP and Media

Heat wave alert and precaution in India:



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 persist 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.

Heat wave conditions very likely to prevail in West Rajasthan (upto 25% places); East Rajasthan, West Madhya Pradesh, north Madhya Maharashtra, Marathwada and Vidarbha during next 05 days. The detailed report can be accessed at

<http://www.imd.gov.in/pages/heatwave.php>

Below are some important links to guidelines/ advisories issued by NDMA, NIDM, SDMA and Sphere members on heat wave awareness:

1. IEC For Heat Wave-NDIM—
<http://nidm.gov.in/PDF/IEC/heat%20wave-14%20eng.pdf>
2. NDMA Page on Heat Wave—
<http://www.ndma.gov.in/en/media-public-awareness/disaster/natural-disaster/heat-wave.html>
3. Ahmedabad heat Action Plan—
<http://www.ndma.gov.in/images/pdf/HAP2015.pdf>
4. The Advisory on precautions in the wake of Heat Wave conditions has been prepared by Mr. Murli

Mohanna Reddy Kunduru when he was working with Plan International- India Project -
<https://sphereindiablog.files.wordpress.com/2016/04/heat-waves-advisory.pdf>



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