

All India Coordinated Research Project on Agrometeorology

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Weekly Crop Weather Information during 09th to 15th April 2018

The crop weather conditions in different states as reported by the cooperating centres of AICRPAM

Maharashtra

Vidarbha Region

Weekly average means (15 MW) at AICRPAM Akola centre: T max 40.4 °C (normal 40.5 °C), T min 24.0 °C (normal 22.9.4 °C). RH I 45% (normal 38%), RH II 16% (normal 16%). Evaporation rate 10.6 mm (normal 12.3 mm), Wind speed 2.5 km/hr (normal 7.8 km/hr) and BSH 8.6 hrs (normal 9.2 hrs). Maximum temperature across the week was 0.1 °C below normal . Minimum temperature across the week was 1.1°C above normal. Vidarbha subdivision as a whole recorded 5.2mm (-66%) rainfall during 1- March-11 April . Akola location recorded 3.4 mm rains during the same period. Agricultural operations like, Need based irrigation is being scheduled to irrigated summer crops/vegetables and also to orchards. . Ploughing in harvested fields underway. With irrigation facility cultivation of leafy vegetables (fenugreek, spinach, etc.) and summer vegetables like okra, bitter gourd, tinda, gourds, cowpea, cluster bean, coriander, etc initiated during this period. Harvesting of sapota, papaya, acid lime, water melon as per maturity of fruits in progress. Basin mulching in fruit orchards being carried out. Thatches (for heat protection) are being made for young growing fruit plantation are in progress. Summer crops /vegetables are at vegetative stage/early reproductive stage. Papaya/sapota/sweet orange fruits/water melon/cluster bean at harvest stage as per maturity of fruits. Soil moisture status is Adequate soil moisture regime is being maintained in irrigated late rabi crops and sown summer crops/vegetables.

Madhya Maharashtra

Dry weather prevailed in Madhya Maharashtra region of Maharashtra state during this week. Agricultural operations like harvesting and threshing of rabi season crops, bird watching operations are going on, planting of sury sugarcane and winnowing and packaging of crop material for transport are in progress. Low intensity of bark eating caterpillar in pomegranate was noticed.

Marathwada

At Parbhani centre: 9 April to 15 April (MW 15) No occurrence of rainfall. The Maximum temperature was range from 37.7 to 40.7 °C and the minimum temperature was ranges from 19.3 to 23.9 °C. The relative humidity (RH I) ranged between 41 to 70 % and relative humidity (RH II) recorded was 12 to 22 %. The wind speed varied between 2.4 to 6.1 km/hr. The general crop condition are, Irrigated summer field crops (Sunflower, Groundnut and vegetables) have good plant stand. Vegetables crops have growth is satisfactory. Summer crops have high water demand due to rise in temperature and evaporation. Agricultural operations like, Ploughing are undertaken in fallow fields. irrigating the summer crop and vegetable by need based irrigation. Summer

groundnut was pod development to pod development stage and vegetables are at vegetative stage to early reproductive stage. maize was at reproductive stage. And soil moisture status is adequate.

Assam

Weather during the last week was cloudy. Daily average maximum temperature was 28.1 deg C which was 0.1 above normal. Average daily minimum temperature was 19.1 degree C which was 0.41 above normal. Average BSSH was 2.9 hrs with . Daily average evaporation rate was 2.6mm/day and average daily wind speed was 2.4 Km/hr. Average RH during morning and afternoon hours were 96 % and 69% respectively. Agricultural operations like, Planting of summer vegetables is on progress. Emergence of summer vegetables is the phenological phase of the crop. Soil moisture status is good.

Uttar Pradesh

East Uttar Pradesh

Dry weather in all the region, average Temperature was 2 to 3 degree C above the normal. Agricultural operations are, Harvesting and threshing of wheat, chickpea, pigeon pea and other rabi crops, irrigation in sugarcane, onion and zaid vegetables are in progress. Wheat, chickpea and pigeon pea just harvested. Sugarcane, mung, urd are in vegetative stage. Soil moisture is below the normal. Unfavourable weather condition like, Heat wave are experiencing since last one week. Surface mulching, inter culture operation are the recommended contingency measures.

West Uttar Pradesh

Weather will be mainly dry, no rainfall during this week. Maximum and minimum temperature may be expected 2-3 0C higher than its normal. North-Westerly winds may be expected and prevailing 7 to 9 kmph, which is 2-3 kmph higher than normal during this week as per forecast. Agricultural operations like, Wheat: Harvesting and threshing. Barley: Harvesting and threshing. Pigeon pea: Harvesting and threshing. Zaid Urd: Irrigation and weeding. Zaid moong: Irrigation and weeding. Brinjal / Chilies/ Tomato: Plucking, marketing and irrigation. Leafy Vegetable : Cutting and marketing and irrigation. Animal: Fresh water used for dirking 4 or 5 time and bathing should be taken up at morning and evening. Protect from common diseases are in progress. Dry soil moisture status is observed.

Gujarat

The actual average maximum temperature is 1.1°C and minimum temperature is 1.2°C higher as compared to their normal values. Total BSS was 67.4 hrs. with an average of 9.6 hrs. The daily average evaporation and wind speed was 8.1 mm and 4.0 km/hr respectively. The daily average RH during morning and afternoon was 85.6 % and 28.6 % respectively. Agricultural operations like, Land preparation and sowing of summer crops. Weeding in summer crops. Irrigation application in all summer crops as and when required are in progress. Land preparation and sowing of summer crops. Early sown summer crops are in vegetative phase. Adequate moisture maintained through irrigation.

Haryana

The thunderstorm/gusty winds with light rainfall was mainly observed during this period. Minimum and maximum temperature was observed below normal with one or two exceptions during week. A total of 14 mm rainfall was measured in this week. The SSH varied from 3.2 to 10.4 hrs. The cumulative pan evaporation was 37.8 mm which was 16.5 mm lower than the normal. The calm and easterly wind was dominated with moderate speed during period. Barley and Wheat at harvest. Irrigation and intercultural operation in Moong and Spring sugarcane are the progressed agricultural operation over the week. Barley and Wheat at harvest and threshing. Moong and Spring sugarcane at early vegetative phase. And soil moisture status is moderately dry.

Himachal Pradesh

The maximum temperature ranged between 21.0 to 26.5°C and the minimum between 10.5 to 14.0 °C which remained below normal by 0.1 to 3.3 °C and 0.7 to 3.6°C, respectively for most of the days during the week. The relative humidity varied between 29 to 88 per cent and sunshine 1.0 to 10 hrs. /day with variable sky conditions (Octa 0-8). The evaporation varies between 1.7 to 4.5 mm/day. Agricultural operations like Arranging fodder for cattle and dairy animals are in progress. Below normal day and night temperature prevailed in the region during the week under report.

Kerala

In vellanikkara, the maximum temperature ranges from 35.1 to 38.0 Deg C, minimum temperature ranges from 24.4 to 25.7 Deg C. Morning relative humidity ranges from 076% to 093% and afternoon relative humidity ranges from 033% to 058%. Wind speed ranges from 2.3 to 3.0 km/h. Evaporation ranges from 4.2 to 5.6 mm. Sunshine hours range from 6.4 to 9.7 hours. 5cm morning soil temperature ranges from 30.0 to 31.9 Deg C and afternoon soil temperature ranges from 41.6 to 45.9 Deg C. Land preparation for turmeric and ginger are under progress. Panicle emergence in paddy starts. And the soil moisture status is deficit.

Karnataka

South Karnataka

State actual rainfall for 15th week i.e., 6th April to 12th April 2018 was 6.3 mm as against the normal of 6.0 mm with (+) 6 % deviation. Whereas SIK received 0.5 mm of rainfall as against the normal of 6.5 mm leading to (-) 93 % deviation. State actual rainfall from 1st October to 31st December was 163.0 mm as against the normal of 188.0 mm, by (-) 13 % deviation. Whereas SIK received 227.0 mm of rainfall as against the normal of 210.0 mm to (+) 8 % deviation. Agricultural operations like, Land preparation for early kharif commenced in parts of Mysuru and Chamarajanagar districts. Taken up summer plough to expose the soil to kill the different stages of insect and weeds. In already harvested fields the farmers are advised to remove the half cutted stubbles of pigeon pea from their fields. This will avoid multiplication and spreading of sterility mosaic disease are in progress. slightly dry soil moisture condition in field is observed.

Rajasthan

Light showers were witnessed at many places in the state. Center: The max. temp. range from 35.7 to 37.5 with mean value of 36.6 which is 1.0 degree above the normal value. The min.

temp. range from 18.6 to 21.0 with mean value of 19.8 which is 1.5 degree above the normal value. The wind velocity ranges from 2.4 to 4.9 with mean value of 3.4 km/hr. The BSSH ranges from 3.0 to 6.8 with mean value of 5.2 hrs. The mean evaporation is 7.3 mm. Agricultural operations like, Harvesting of wheat, Irrigation in berseem and lucerne. Harvesting of opium poppy. Irrigation in summer vegetables are in progress. Inadequate soil moisture status is observed.

Weather during 05th to 11th April 2018

Significant Weather Features

- Heat wave: Heat wave conditions were observed at one or two pockets of West Madhya Pradesh and West Rajasthan on one day each during the week. Warm night conditions were observed at one or two pockets of West Madhya Pradesh on one day during the week.
- Rainfall/Thunderstorm/Hailstorm activity: Wide spread to fairly widespread rainfall/thunderstorm activity over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana & Delhi, West Bengal, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, North Interior Karnataka and Andaman & Nicobar Islands on many days during the week and scattered to fairly widespread rainfall/thunderstorm activity over East Madhya Pradesh, Jharkhand, Vidarbha, Telangana, Chhattisgarh, Odisha and Lakshadweep one to two days during the week.
- Thunder squall with wind speed reaching 81 kmph had been observed over Delhi on 6th April 2018.
- Thunderstorm accompanied with hailstorm had been observed over Bihar, Odisha, Assam & Meghalaya, Sub Himalayan West Bengal, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Jharkhand, Gangetic West Bengal on one or two days during the week.
- Heavy Rainfall: Heavy rain observed at isolated places over Assam & Meghalaya, East Rajasthan and Interior Tamil Nadu on one or two days during the week.
- Temperature: Maximum temperature above 40°C was reported at many places over West Rajasthan, Madhya Pradesh, Vidarbha and Marathwada on many days and over Saurashtra & Kutch one day; at isolated places over Madhya Maharashtra, Chhattisgarh, Telangana and Gujarat region one to two days during the week.
- The highest maximum temperature of 43.2° C was recorded at Chandrapur (Vidarbha) on 5th April 2018 in the plains of the country during the week.

Meteorological Analysis

- Last week's feeble Western Disturbance as an upper air cyclonic circulation over north Pakistan & neighbourhood at 3.1 km above mean sea level lay over north Pakistan & adjoining Jammu & Kashmir on 5th April 2018. It persisted over the same region and was seen between 3.1 km & 7.6 km above mean sea level 6th. It lay over southeastern parts of Jammu & Kashmir & neighbourhood and extended between 3.1 and 7.6 km above sea level

on 7th. It persisted over the same region and was seen at 3.1 km above mean sea level on 8th and has moved away north eastwards on 9th.

- Last week's cyclonic circulation extending upto 0.9 km above mean sea level over Punjab and adjoining north Pakistan lay over northeast Rajasthan & adjoining areas of West Uttar Pradesh and Haryana on 5th April 2018. It lay over northwest Madhya Pradesh & neighbourhood and extended upto 1.5 km above mean sea level on 6th. It lay over central parts of north Madhya Pradesh and adjoining south Uttar Pradesh at 1.5 km above sea level on 7th and has become less marked on 8th April 2018.
- Last week's trough at 0.9 km above mean sea level extended from the cyclonic circulation over northeast Rajasthan & adjoining areas of West Uttar Pradesh and Haryana to south Madhya Maharashtra across West Madhya Pradesh, western parts of Vidarbha and Marathwada on 5th April 2018. It extended from the cyclonic circulation over northwest Madhya Pradesh & neighbourhood to south Konkan across Madhya Maharashtra on 6th. It extended from north Madhya Maharashtra to Rayalaseema across Marathawada & north Interior Karnataka on 7th and has become less marked on 8th.
- Last week's cyclonic circulation over northeast Jharkhand and adjoining Gangetic West Bengal lay over north Jharkhand and neighbourhood and extended upto 1.5 km above mean sea level on 5th April 2018. It lay over central parts of West Bengal and extended between 1.5 km & 3.1 km above mean sea level on 6th; It lay over West Bengal and adjoining Bangladesh between 1.5 and 3.1 km above sea level on 7th. It persisted over the same region between 1.5 & 3.1 km above mean sea level 8th; It lay over northern parts of Bangladesh and neighbourhood at 1.5 km above mean sea level on 9th; It persisted over the same region and was seen between 1.5 km and 3.1 km above mean sea level on 10th; It persisted over the same region and was seen at 0.9 km above mean sea level on 11th.
- Last week's trough in easterlies from Comorin area to South Interior Karnataka ran from the cyclonic circulation over Equatorial Indian Ocean and adjoining south Sri Lanka to South interior Karnataka across interior Tamilnadu at 0.9 km above mean sea level on 5th. It ran from the cyclonic circulation over Comorin area and neighbourhood to South Interior Karnataka across interior Tamil Nadu at 0.9 km above sea level on 6th. It ran from the cyclonic circulation over Maldives area & neighbourhood to south interior Karnataka at 1.5 km above sea level across Lakshadweep and Kerala on 7th; It ran from South East Arabian sea to south Madhya Maharashtra across Lakshadweep area and Coastal Karnataka at 1.5 km above mean sea level on 8th. It persisted and extended upto 0.9 km above mean sea level on 9th and has become less marked on 10th.
- Last week's remnant Western Disturbance as a trough in mid & upper tropospheric westerlies with its axis at 7.6 km above mean sea level from east Arunachal Pradesh to north Bay of Bengal across Assam and Bangladesh has become less marked on 5th April 2018.

- A cyclonic circulation at 1.5 km above mean sea level lay over northwest Uttar Pradesh & neighbourhood on 5th April 2018 and it has become less marked on 6th.
- A trough in westerlies at 7.6 km above mean sea level ran roughly along Long 86.0°E to the north of Lat. 20.0°N on 5th April 2018. It ran roughly along Long 90°E to the north of Lat 20°N at 5.8 km above mean sea level, aloft the cyclonic circulation over central parts of west Bengal on 6th and has moved away eastwards on 7th.
- A cyclonic circulation extending upto 1.5 km above mean sea level lay over Equatorial Indian Ocean and adjoining south Sri Lanka on 5th April 2018. It lay over Comorin area and neighbourhood on 6th and over Maldives area and neighbourhood on 7th and has become less marked on 8th.
- An east-west trough ran from West Rajasthan to Jharkhand across the cyclonic circulation over northwest Madhya Pradesh and north Chhattisgarh and extended upto 1.5 km above mean sea level on 5th April 2018. It ran from southwest Rajasthan to Jharkhand across Madhya Pradesh and Chhattisgarh and extended upto 0.9 km above mean sea level on 7th and has become less marked on 8th.
- A cyclonic circulation extending upto 1.5 km above mean sea level lay over Southwest Bay of Bengal off Srilanka on 7th April 2018 and has become less marked on 8th.
- A trough ran from northwest Rajasthan to west Assam across south Uttar Pradesh, south Bihar & northern parts of West Bengal at 0.9 km above mean sea level on 8th April 2018. It ran from the cyclonic circulation over north Haryana and adjoining West Uttar Pradesh to north Chhattisgarh across north Madhya Pradesh and extended upto 1.5 km above mean sea level on 9th and has become less marked on 10th.
- A cyclonic circulation lay over north Madhya Maharashtra and adjoining Vidarbha & southwest Madhya Pradesh and extended upto 1.5 km above mean sea level on 8th April 2018. It lay over southwest Madhya Pradesh and neighbourhood and extended upto 0.9 km above mean sea level on 9th & 10th. It lay over southwest Madhya Pradesh and adjoining Gujarat region and southeast Rajasthan with a trough extending from this cyclonic circulation to coastal Karnataka across Madhya Maharashtra at 0.9 km above mean sea level on 11th.
- A cyclonic circulation lay over south Gujarat region & neighbourhood at 3.1 km above mean sea level on 8th April 2018. It persisted and extended between 2.1 km & 3.1 km above mean sea level on 9th. It lay over Gujarat Region and extended upto 0.9 km above mean sea level on 10th. It has merged with the cyclonic circulation over southwest Madhya Pradesh and adjoining Gujarat region and southeast Rajasthan on 11th.

- A cyclonic circulation lay over South Interior Karnataka & neighbourhood at 0.9 km above mean sea level on 8th April 2018. It has merged with the trough in easterlies from SouthEast Arabian Sea to south Madhya Maharashtra across Lakshadweep area and Coastal Karnataka on 9th.
- A Western Disturbance as an upper air cyclonic circulation at 3.1 km above mean sea level lay over Iran & neighbourhood on 8th April 2018. It lay over Iran and adjoining Afghanistan on 9th. It lay over Afghanistan & neighbourhood with the trough aloft with its axis at 5.8 km above mean sea level running roughly along Long 64° E to the north of Lat. 30° N on 10th. It lay over north Pakistan and neighbourhood with the trough aloft with its axis at 5.8 km above sea level running roughly along Long 72° E to the north of Lat. 30° N on 11th.
- A fresh Western Disturbance as an upper air cyclonic circulation at 3.1 km above mean sea level lay over north Pakistan and neighbourhood on 9th April 2018. It lay over Pakistan and adjoining Jammu & Kashmir on 9th evening and moved away northeastwards on 10th April 2018.
- A cyclonic circulation extending upto 1.5 km above mean sea level lay over north Haryana and adjoining West Uttar Pradesh on 9th April 2018. It lay over northwest Uttar Pradesh and neighbourhood and extended upto 0.9 km above mean sea level on 10th and has become less marked on 10th April 2018.
- A trough in westerlies ran roughly along Long 86° E to the north of Lat 25° N between 3.1 km & 5.8 km above mean sea level on 9th April 2018. It ran roughly along Long 88° E to the north of Lat 22° N between 3.1 and 5.8 km above sea level on 10th and it has become less marked on 11th.
- A cyclonic circulation lay over East Uttar Pradesh & adjoining Bihar and extended upto 0.9 km above mean sea level on 10th and it persisted over the same region on 11th April 2018.
- A north-south wind discontinuity ran from North Interior Tamilnadu to North Interior Karnataka across South Interior Karnataka at 0.9 km above mean sea level on 10th April 2018 and has become less marked on 11th.
- A trough of low at mean sea level lay over Equatorial Indian Ocean & adjoining Southeast Bay of Bengal on 10th April 2018. It lay over Equatorial Indian Ocean and adjoining Southwest Bay of Bengal on 11th.
- A cyclonic circulation extending upto 0.9 km above mean sea level lay over southwest Uttar Pradesh and neighbourhood on 11th April 2018.

- A trough in easterlies at 0.9 km above mean sea level ran from Comorin area to South Interior Karnataka across interior Tamilnadu on 11th April 2018.

Average rainfall during the week

The All India area weighted rainfall during the week 11.7 mm was 52% below normal (7.7 mm).

The subdivision-wise weekly rainfall distribution is presented in Fig.1. Rainfall was Large excess in 19, excess in 4, normal in 2, deficit in 6., L. deficit in 3 and no rain in 2 out of 36 meteorological sub-divisions.

Cumulative Seasonal rainfall (1st March to 11th April 2018)

The cumulative seasonal rainfall during 1st March to 11th April 2018 over the country as a whole was 29.9 mm which is 31% below normal rainfall of 43.3 mm.

The subdivision-wise seasonal rainfall distribution is presented in Fig. 2. Rainfall was Large excess in 8, excess in 1, normal in 6, deficit in 13 and L. deficit in 6 and no rain in 2 out of 36 meteorological sub-divisions.

State-wise distribution of rainfall in number of districts with large excess, excess, normal, deficient, large deficient and no rainfall during post monsoon season (1st March to 11th April 2018)

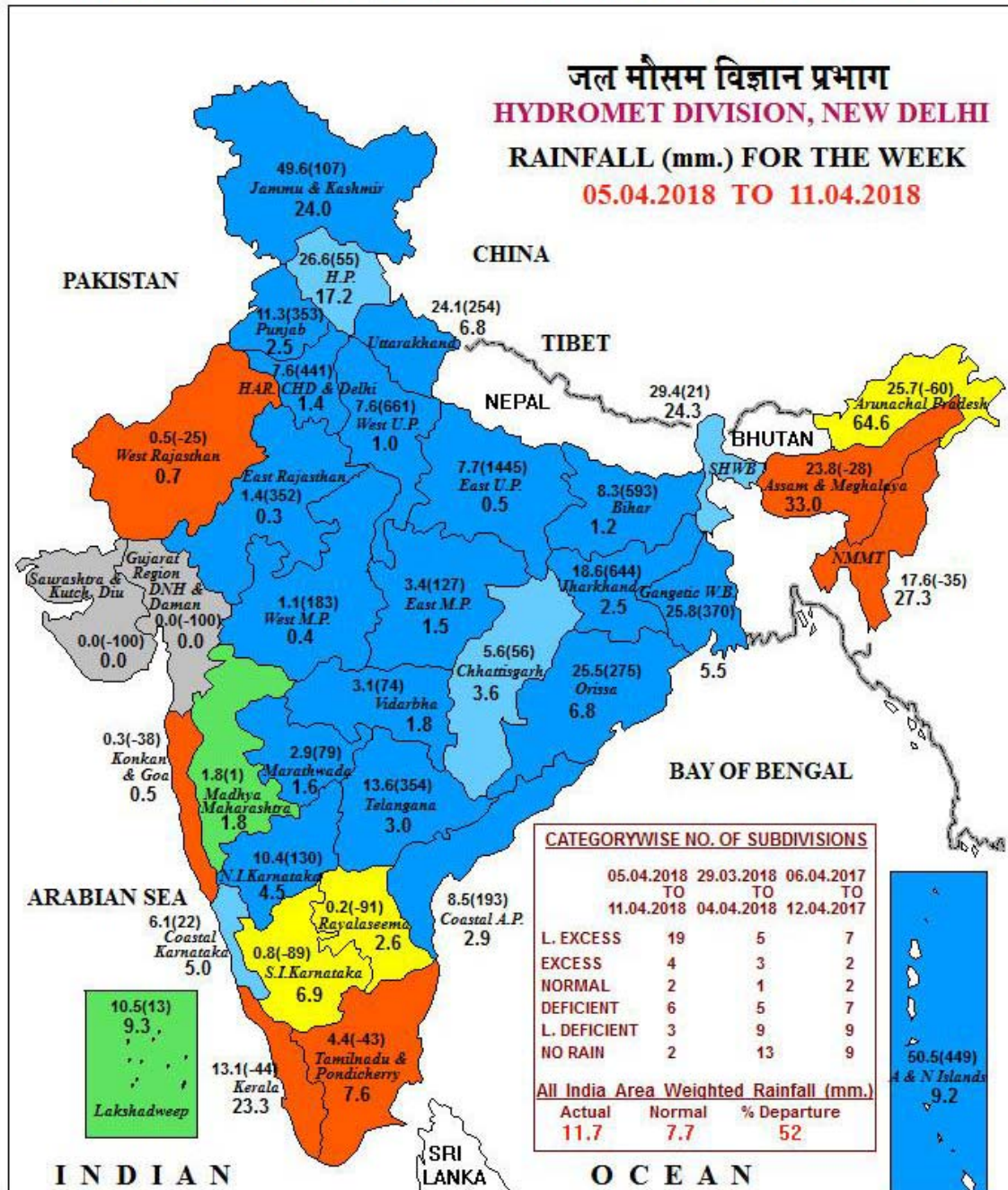
In the country, 13% districts received large excess, 8% districts received excess and 15% districts normal rainfall during post monsoon season so far. However, 23% districts received deficient, 21% districts received large deficient rainfall and 20% districts received no rainfall and 0 districts received no data. (Table-1).

Weekly rainfall departure (%) at different IMD subdivisions (2018)

During the week under report 19 Sub-divisions viz.; Jammu & Kashmir, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, East Rajasthan, West Uttar Pradesh, East Uttar Pradesh, Gangetic West Bengal, Bihar, Jharkhand, Odisha, East Madhya Pradesh, West Madhya Pradesh, Vidarbha, Marathwada, Telangana, Coastal Andhra Pradesh, North Interior Karnataka and Andaman & Nicobar Islands received large excess rainfall, 4 Sub-division viz.; Himachal Pradesh, Sub Himalayan West Bengal & Sikkim, Chhattisgarh and Coastal Karnataka received excess rainfall, 2 Sub-division viz.; Madhya Maharashtra and Lakshadweep received normal rainfall, and remaining 11 Sub-divisions received either deficit / large deficit / no rainfall. (Table-2).

भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT

**जल मौसम विज्ञान प्रभाग
HYDROMET DIVISION, NEW DELHI
RAINFALL (mm.) FOR THE WEEK
05.04.2018 TO 11.04.2018**



LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

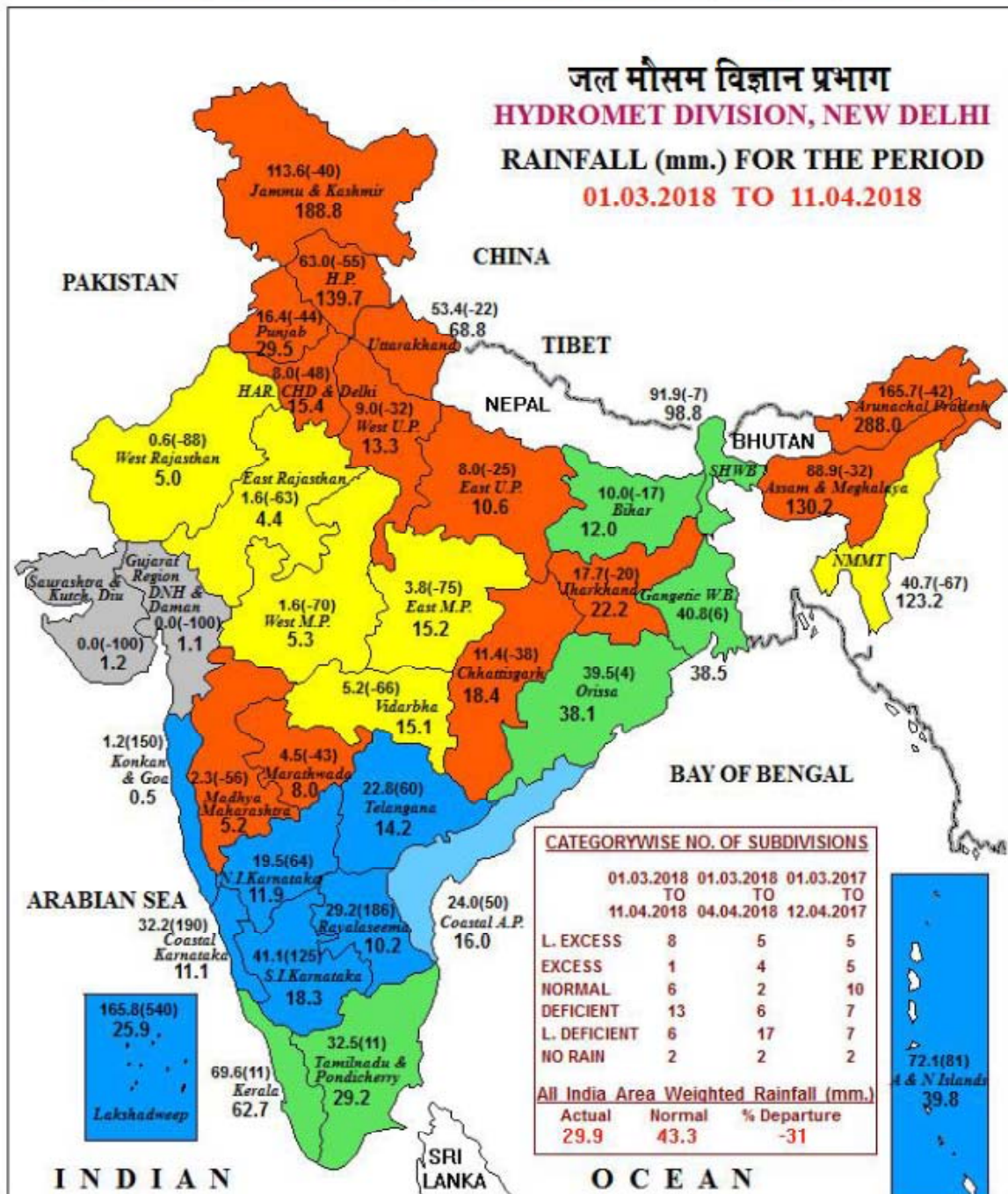
NOTES:

- (a) Rainfall figures are based on operational data.
- (b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)
 Percentage Departures of Rainfall are shown in Brackets.

Fig-1

भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT

**जल मौसम विज्ञान प्रभाग
HYDROMET DIVISION, NEW DELHI
RAINFALL (mm.) FOR THE PERIOD
01.03.2018 TO 11.04.2018**



LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

NOTES:

- (a) Rainfall figures are based on operational data.
- (b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)
 Percentage Departures of Rainfall are shown in Brackets.

Fig-2







Table 1. State wise distribution of number of districts with large excess, excess, normal, deficient, large deficient, no rainfall and data inadequate shown (01. 03.2018 to 11.04.2018)

S.NO.	STATES	PERIOD FROM : 01.03.2018 TO 11.04.2018							
		LE	E	N	D	LD	NR	ND	TOTAL
1	A & N ISLAND (UT)	2	0	1	0	0	0	0	3
2.	ARUNACHAL PRADESH	1	1	4	4	3	1	2	16
3.	ASSAM	0	3	11	9	4	0	0	27
4.	MEGHALAYA	0	0	0	3	2	0	2	7
5.	NAGALAND	0	0	0	4	0	1	6	11
6.	MANIPUR	0	0	1	2	1	0	5	9
7.	MIZORAM	0	0	0	1	2	1	5	9
8.	TRIPURA	0	0	0	1	3	0	0	4
9.	SIKKIM	0	1	2	0	1	0	0	4
10.	WEST BENGAL	3	4	4	6	2	0	0	19
11.	ODISHA	5	3	9	5	7	1	0	30
12.	JHARKHAND	4	1	2	5	5	5	2	24
13.	BIHAR	8	0	5	4	8	13	0	38
14.	UTTAR PRADESH	6	7	11	14	16	18	0	72
15.	UTTARAKHAND	0	0	3	10	0	0	0	13
16.	HARYANA	1	1	3	5	10	1	0	21
17.	CHANDIGARH (UT)	0	0	1	0	0	0	0	1
18.	DELHI	0	0	1	3	3	2	0	9
19.	PUNJAB	0	2	1	14	3	0	0	20
20.	HIMACHAL PRADESH	0	0	3	8	1	0	0	12
21.	JAMMU & KASHMIR	0	2	2	13	3	0	2	22
22.	RAJASTHAN	1	0	1	3	9	19	0	33
23.	MADHYA PRADESH	2	3	2	3	22	19	0	51
24.	GUJARAT	0	0	0	0	0	33	0	33
25.	DADRA & NAGAR HAVELI (UT)	0	0	0	0	0	1	0	1
26.	DAMAN & DIU (UT)	0	0	0	0	0	2	0	2
27.	GOA	2	0	0	0	0	0	0	2
28.	MAHARASHTRA	2	1	3	6	16	8	0	36
29.	CHHATISGARH	3	2	3	5	9	5	0	27
30.	ANDHRA PRADESH	5	3	3	2	0	0	0	13
31.	TELANGANA	5	3	1	1	0	0	0	10
32.	TAMILNADU	5	2	11	11	3	0	0	32
33.	PUDUCHERRY (UT)	1	0	0	1	0	0	2	4
34.	KARNATAKA	21	5	2	1	1	0	0	30
35.	KERALA	2	4	6	1	1	0	0	14
36.	LAKSHADWEEP (UT)	1	0	0	0	0	0	0	1
TOTAL		80	48	96	145	135	130	26	660
CATEGORYWISE DISTRIBUTION OF DISTRICTS OUT OF THE 634 WHOSE DATA RECEIVED		13%	8%	15%	23%	21%	20%		

Table 2. Weekly Rainfall Departure (%) at different IMD subdivisions (2018)

S.No.	Meteorological Sub Division	14 Mar (11)	21 Mar (12)	28 Mar (13)	04 Apr (14)	11 Apr (15)
1	Andaman & Nicobar Islands	Blue	Grey	Blue	Yellow	Blue
2	Arunachal Pradesh	Yellow	Blue	Orange	Yellow	Yellow
3	Assam & Meghalaya	Yellow	Blue	Yellow	Yellow	Orange
4	Nagaland, Manipur, Mizoram, Tripura	Yellow	Yellow	Yellow	Yellow	Orange
5	Sub-Himalayan West Bengal & Sikkim	Orange	Orange	Yellow	Orange	Blue
6	Gangetic West Bengal	Grey	Yellow	Yellow	Blue	Blue
7	Orissa	Yellow	Yellow	Yellow	Blue	Blue
8	Jharkhand	Grey	Yellow	Yellow	Blue	Blue
9	Bihar	Grey	Yellow	Grey	Green	Blue
10	East Uttar Pradesh	Grey	Yellow	Yellow	Yellow	Blue
11	West Uttar Pradesh	Grey	Yellow	Yellow	Grey	Blue
12	Uttarakhand	Grey	Yellow	Orange	Orange	Blue
13	Haryana, Chandigarh & Delhi	Grey	Yellow	Yellow	Grey	Blue
14	Punjab	Grey	Yellow	Orange	Grey	Blue
15	Himachal Pradesh	Grey	Yellow	Orange	Yellow	Blue
16	Jammu & Kashmir	Yellow	Orange	Yellow	Yellow	Blue
17	West Rajasthan	Grey	Yellow	Grey	Grey	Orange
18	East Rajasthan	Grey	Yellow	Grey	Grey	Blue
19	West Madhya Pradesh	Orange	Yellow	Grey	Grey	Blue
20	East Madhya Pradesh	Yellow	Yellow	Grey	Yellow	Blue
21	Gujarat Region	Grey	Grey	Grey	Grey	Grey
22	Saurashtra, Kutch & Diu	Grey	Grey	Grey	Grey	Grey
23	Konkan & Goa	Grey	Blue	Grey	Grey	Orange
24	Madhya Maharashtra	Grey	Orange	Grey	Grey	Green
25	Marathwada	Yellow	Blue	Grey	Grey	Blue
26	Vidarbha	Yellow	Orange	Grey	Grey	Blue
27	Chhattisgarh	Grey	Yellow	Yellow	Blue	Blue
28	Coastal Andhra Pradesh	Yellow	Blue	Yellow	Blue	Blue
29	Telangana	Yellow	Blue	Yellow	Blue	Blue
30	Rayalaseema	Grey	Blue	Yellow	Blue	Yellow
31	Tamil Nadu & Pondicherry	Blue	Blue	Yellow	Orange	Orange
32	Coastal Karnataka	Yellow	Blue	Grey	Orange	Blue
33	North interior Karnataka	Yellow	Blue	Grey	Yellow	Blue
34	South interior Karnataka	Yellow	Blue	Yellow	Blue	Yellow
35	Kerala	Blue	Blue	Green	Orange	Orange
36	Lakshadweep	Blue	Blue	Grey	Grey	Green

LEGEND:

L. Excess: (+60 % or more)	
Excess: (+20 % to +59 %)	
Normal: (+19 % to -19 %)	
Deficient: (-20 % to -59 %)	
L. Deficient: (-60 % to -99 %)	
No Rain: (-100 %)	
No Data:	