

# All India Coordinated Research Project on Agrometeorology

## CRIDA, Santoshnagar, Hyderabad – 500 059

### Weekly Crop Weather Information during 12<sup>th</sup> to 18<sup>th</sup> February 2018

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

#### **Maharashtra**

##### *Vidarbha region*

Dry weather prevailed in Vidarbha region of Maharashtra state during this week. Maximum temperature across the week was 2.8 °C below normal . Minimum temperature across the week was 0.5°C above normal. Agriculture operations like need based irrigation underway in wheat and sown summer crops/vegetables. Harvesting and threshing of early/timely sown chickpea and late pigeonpea(kharif) underway is in progress. Removal of cotton stalk being carried out in harvested cotton fields. With irrigation facility seed bed preparations are underway for summer sesame and also cultivation of summer vegetables (okra, cluster bean, cowpea, cucumber, gourd). Ploughing in harvested fields underway. Harvesting of orange ,sapota, papaya, acid lime as per maturity of fruits in progress. Basin mulching in orchards being carried out. Early/normal sown chickpea at harvest stage. Late sown irrigated chickpea is through pod/seed development stage . Normal sown wheat crop is at milk/dough stage. Late sown (December) wheat crop is at flowering stage/milk stage. Late pigeon pea at harvest stage. Safflower/mustard at maturity stage. Orange (mrig bahar)/Guava/papaya/sapota fruits at harvest stage as per maturity. Guava/papaya/acid lime at harvest stage as per maturity. No major pests and diseases were noticed.

##### *Marathwada region*

Dry and cool weather prevailed in Marathwada region of Maharashtra state during this week. The Maximum temperature was ranges from 30.0 to 34.0°C and the minimum temperature was ranges from 11.5 to 17.5°C. Agriculture operations like plant protection measures are being undertaken in rabi and summer crops based on need. irrigation and plant protection measures are underway in rabi and summer crops and vegetables on need based irrigation are in progress. Chickpea crop is in pod development stage to physiological maturity stage. Rabi sorghum is in grain filling stage (Dough stage) to physiological maturity stage. Wheat crop is in milky stage. Safflower crop is in grain development stage. Summer groundnut was vegetative stage No major pests and diseases were noticed.

##### *Assam*

Weather was clear over Assam state during this week. Daily average maximum temperature was 27.9°C which was 3.7 °C above normal and the average daily minimum temperature was 11.0°C which was 1.5°C below normal. Agriculture operations like harvesting of rapeseed and mustard and weeding in onion crops are in progress. Pea is at physiological maturity stage, onion is

at vegetative stage, radish is at maturity stage, coriander is at flowering stage and potato is at harvesting stage. No major pests and diseases were noticed.

## *Bihar*

Weather remained cloudy on 12-13 February and Light drizzle was experienced in almost all parts of Bihar on 13 February in Bihar state during this week. Agriculture operations like harvesting of early varieties of potato and rapeseed and mustard. Farmers are giving irrigation to rabi crops mainly in wheat, rabi maize, potato, Vegetables and Pea. Inter culturing operation in onion and garlic. Spray of Carbaryl (Sevin) @2.0 gm or Dimethoate @1.0 ml per litre in mango orchards. Field preparation and sowing of bhindi and sweet potato. Planting of spring planted sugarcane and field preparation and sowing of summer maize crops are in progress. Normal sown wheat crops are in booting stage. Late sown wheat in vegetative to tillering stage. Rabi maize is in pre-tasseling stage. Toria, pigeon pea, gram, pea crops are in flowering stage. Potato in tuber formation and maturing stage. Harvesting of sugarcane. Sugarcane is in germination stage. Bhindi is in germination stage. Moderate to severe intensity of aphids in mustard was noticed.

## *Chhattisgarh*

Light rainfall received in Chhattisgarh state during this week. The area (in thousand ha) sown under different crops as on 12.02.2018 are as under. Total cereals 365.05 (287.53, 79%), Total pulses 926.25 (800.55, 86%), Total Oilseeds 314.38 (253.20, 81%), Total Rabi crops 1851.0 (1533.11, 83%). Agriculture operations like sowing of rabi crops chickpea, lathyrus, wheat, pea, winter maize, greengram, black gram, linseed, sunflower, sesamum, groundnut is completed. Intercultural operations in vegetables. Leafy vegetables sowing and preparation of nursery for other vegetables are going on. Need based application of insecticides in vegetables and pigeon pea against aphids, thrips, fruit and pod borer and other pests. Application of second irrigation in wheat at tillering stage (45 days old) 6. Intercultural operations and weedicide application in wheat, chickpea, linseed, lentil, mustard and other rabi crops. Chickpea is in flowering and pod formation stage. Mustard in flowering stage. Brinjal and tomato are in flowering to fruiting stage. Sugarcane is in physiological maturity stage. Wheat crop in tillering and booting stage. Flowering in mango crop has started. Field pea, gram and lentil crops are in pod formation stage. Safflower, mustard, linseed, toria are in flowering stage. Solanaceous vegetables are at flowering/fruiting stage while crucifers are at head formation stage. Low intensity sucking pest, hopper in tomato, cauliflower, cabbage cowpea and brinjal were noticed.

## *Uttar Pradesh*

### *West Uttar Pradesh*

Mainly clear weather prevailed in Western Uttar Pradesh region of Uttar Pradesh state during this week. Agriculture operations like irrigation, top dressing in wheat, barley, spray insecticide and pesticide gram, pea, lentil, mustard and dig out early sown potato crops are in progress. Wheat is in tillering/PI/ Flowering, pigeon pea is at flowering/ podding stage, gram is at branching/ flowering/ podding stage, pea is at flowering/ podding stage, lentil, mustard are at flowering/ podding stage and vegetables are at flowering to fruiting stage. Low intensity of late blight in potato and pod borer in pea/ gram was noticed.

## *Gujarat*

Dry weather prevailed in Gujarat state during this week. The actual average maximum temperature is 0.5°C higher and minimum temperature is 0.1°C lower as compared to their normal values. Agriculture operations like irrigation in all rabi crops. plant protection measures as per requirement and harvesting of mature crops are in progress. Castor and mustard are in maturity stage. Maize, chick pea and wheat - reproductive stage. No major pests and diseases were noticed.

## *Haryana*

Light rainfall, thin fog and variable weather was mainly observed in Haryana state during this week. Minimum and maximum temperatures were below the normal except few exceptions in case of minimum temperature. Agriculture operations like intercultural, irrigation and weed management operations in wheat, barley and irrigation and pest/disease management in mustard crops are in progress. Mustard is at seed filling stage, wheat and barley are at soft dough, anthesis, booting stage. No major pests and diseases were noticed.

## *Himachal Pradesh*

Light rainfall received in Himachal Pradesh state during this week. The maximum temperature remained between 11.2 to 20.5°C which were above normal during the most part of the week by 1.5 to 4.6 °C and the minimum temperature between 3.0 to 7.0 °C which was below normal by 1.0 to 3.5 °C. Agriculture operations like arranging fodder for cattle and dairy animals are in progress. Wheat is at vegetative stage and mustard is at flowering stage. No major pests and diseases were noticed.

## *Jammu & Kashmir*

Light rainfall received in Jammu region of Jammu & Kashmir state during this week. The maximum temperature ranged from 19.6 to 23.4 °C and minimum temperature ranged from 4.0 to 7.8 °C. Agriculture operations like application of second dose of urea in normal and late sown wheat. Field preparation for tomato, brinjal, chilies, beans & cucumber, transplanting of summer vegetables and hoeing and weeding in vegetable crops are in progress. Early sown wheat is at anthesis stage. Normal sown wheat is at Ear head stage. Late sown wheat is at jointing stage. Very late sown is at CRI stage. Gram is at flowering stage. Early sown mustard is at most seed green stage. Normal sown mustard is at pod formation. Field pea is at pod formation stage. Moderate intensity of aphids in mustard, blight & wilt in gram and yellow rust in wheat was noticed.

## *Jharkhand*

Light rainfall received in Jharkhand state during this week. Daily maximum and minimum temperature ranged from 24.4 to 27.4 °C and 8.3 to 12.4 °C, respectively. Average weekly maximum and minimum temperature was 26.3 to 10.5 °C, respectively and their normal value is 26.0 to 9.3 °C which was moderately less from their normal value. Agriculture operations like hoeing and weeding of gram, pea, maize, lentil, wheat, fabba bean ramdana and sowing of summer maize including land preparation are in progress. Chickpea is at flowering stage, lentil, pea and in rapeseed are at podding stage. No major pests and diseases were noticed.

## *Kerala*

Dry weather prevailed in Kerala state during this week. Maximum temperature ranges from 34.0 to 36.2°C and minimum temperature ranged from 22.7 to 23.2 °C. Agriculture operations like ginger and turmeric is at harvesting stage and irrigation for all crops, best time for the propagation of pepper vines are in progress. Ginger and turmeric is at harvesting stage, third paddy crop is at active tillering stage. Moderate intensity of leaf roller in paddy, sigatoka in banana, downy mildew in vegetables downy mildew in vegetables and quick wilt in pepper was noticed.

## *Madhya Pradesh*

Dry weather prevailed in Madhya Pradesh state during this week. Agriculture operations like insecticide application in chickpea and mustard crop (late sown), urea broadcasting of urea in wheat after cessation of rains and fungicide spray in mustard for controlling powdery mildew disease are in progress. Mustard at siliqua development stage. Chickpea at pod development stage. Lentil at pod development stage. Garden pea at pod picking stage. Mango, citrus at flowering stage. Moderate intensity of pod borer in chickpea and powdery mildew in mustard was noticed.

## *Karnataka*

### *North Karnataka*

Light rainfall has been received during 9th to 12th February in all the districts of the North Interior Karnataka region. Agriculture operations like harvesting of sorghum, chick pea, safflower and wheat. plant protection in horticultural and late sown rabi crops are in progress. All rabi crops are in maturity to harvesting stage. Low intensity of pod borer chickpea and fruit borer in tomato was noticed.

### *South Karnataka*

Light rainfall occurred in north Karnataka region during the past week. Agriculture operations like sowing of summer crops viz. groundnut, maize, sunflower etc. commenced under irrigation sources wherever adequate irrigation available redgram and ragi and rabi pulse crops harvested crops winnowing, cleaning, drying and storage in dry gunny bag. protective irrigation on rabi crops is under progress. Rabi crops are at flowering stage and chickpea is at harvesting stage. Low intensity of powdery mildew in mango was noticed.

## *Odisha*

Dry weather prevailed in Odisha state during this week. Agricultural operations like intercultural operation and topdressing of summer rice, intercultural operation of early planted sugarcane planting of sugar cane, plant protection of late planted rabi groundnut, harvesting of wheat, harvesting of beans, harvesting of late planted rabi crops like pulses, mustard, sesame, sunflower, plant protection of vegetables like cucurbits and okra, harvesting of tomato, brinjal and cole crops, plant protection of chrysanthemum and marigold, intercultural operation of onion, intercultural operation of summer groundnut and summer sunflower and pinching of marigold. pruning and top dressing of jasmine land preparation and planting of summer are in progress. Tillering stage summer rice. Planting to seedling stage of sugarcane. Maturity to harvesting stage of medium

pigeon pea. Seed development stage of rabi groundnut. Maturity stage of rabi pulses. Seed development stage of sesame. Fruiting stage of cole crops. Seed development stage of rabi sunflower. Harvesting stage of beans. Fruiting stage of brinjal, chilli, tomato. Harvesting stage of turmeric, zinger, colocasia and yam. Vegetative to branching stage of summer groundnut. Transplanting stage of ragi. Vegetative stage of summer sunflower maturity stage of potato and maturity stage of mustard. Low intensity of brown spot, bacterial leaf blight, leaf folder/case worm, foot rot, gal midge, blast, mealy bug, yellow stem borer in paddy crop was noticed.

### *Punjab*

Light rainfall received in Punjab state during this week. Maximum temperature ranged from 17.4 to 23.4°C and minimum temperature ranged between 6.8 to 13.4°C. Agricultural operations like regular monitoring of pest and diseases in field crops are in progress. Early and normal sown wheat is in grain development stage. Late sown wheat is in jointing and booting stage. Mustard is in pod formation and pod filling stage. Low intensity of aphids and powdery mildew in mustard crop was noticed.

### *Tamil Nadu*

Dry weather observed in Tamil Nadu state during this week. Maximum temperature across the week was 0.5°C above normal and the minimum temperature was 1.4°C above normal. Agricultural operations like plant protection measures for controlling pests and diseases are in progress. Harvesting of millets and picking of cotton are in progress. Cotton is in boll bursting stage. Sorghum, cumbu and maize are in harvest stage. Chilies are in fruiting stage. Sunflower and Gingelly are in harvest stage. Paddy is in milky stage. Bhendi is in fruiting stage. Moderate intensity of blast, false smut, stem borer paddy, fruit rot, die back, thrips chilies and powdery mildew, vein clearing, leaf hopper bhendi crop was noticed.

### *Uttarakhand*

Light rainfall received in Uttarakhand state during this week. Agricultural operations like poly tunnel as well as nursery bed preparation for tomato, brinjal, capsicum are in progress. Field preparation as well as soil testing for early sowing of potato. Broadcasting/Top dressing of urea @ 1.0 kg per nali in wheat and pulses. Marketing of vegetable crops like cabbage, cauliflower, radish, turnip & carrot. Training & pruning in temperate fruit orchards followed by application of chaubattia paste are in progress. Planting of temperate fruit plants with pollinizers & covering them with dry grass to preserve soil moisture are in progress. Mostly rabi crops are in growth stage. No major pests and diseases were noticed.

### *West Bengal*

Dry and cool weather prevailed in West Bengal state during this week. Maximum temperature ranged from 28.4 to 31.5°C and minimum temperature ranged from 12.5 to 16.0°C. Agricultural operations like transplanting operations are started in boro rice, earthing up and weeding are continuing in potato, harvesting operations for early sown potatoes, intercultural operation going on mustard, top dressing of nitrogenous fertilizer and weeding operation in wheat and final harvesting operations for winter vegetables like cabbage, cauliflower, radish, beetroot and brinjal crops are in progress. Vegetables and spices including Chilli and all gourds: Flowering and

Fruiting stage (maturity stage). Potato: Tuber bulking stage to maturity stage (early sown). Mustard: Siliquae development stage. Wheat: Seedling stage. Boro rice: Seedling stage. Low intensity of late blight in potato in was noticed.

# Weather during 08<sup>th</sup> to 14<sup>th</sup> February 2018

## Significant Weather Features

- Rainfall Interaction of low level easterlies with an active western disturbance and also due to the presence of an induced cyclonic circulation over West Rajasthan & neighbourhood, widespread rain/snow occurred over Jammu & Kashmir, Himachal Pradesh and Uttarakhand on 12th and 13th February with isolated heavy falls over Jammu & Kashmir on 13th. In addition to this, fairly widespread to widespread rainfall activity had been observed over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Madhya Pradesh, Chhattisgarh and Vidarbha and scattered to fairly widespread rainfall activity was observed over East Uttar Pradesh on 13th and 14th February.
- Thunderstorm Activity Thunderstorm accompanied with hailstorm had been observed over Vidarbha, Marathwada, Chhattisgarh and East Madhya Pradesh during 11-12 February 2018.
- Fog Dense to very dense fog observed at a few places over Haryana and at isolated places over Chandigarh and Delhi, Madhya Pradesh, north Rajasthan, Odisha and Tripura on one to two days during the week.
- Cold Wave Cold wave conditions prevailed at isolated places over Punjab, Haryana and north Rajasthan on one day during the week. The lowest minimum temperature of 3.0 °C was recorded at Sikar (East Rajasthan) in the plains of northwest India on 08th February 2018. The lowest maximum temperature of 15.6° C was recorded at Hardoi (West Uttar Pradesh) in the plains of northwest India on 12th February 2018.

## Meteorological Analysis

- Last week's Western Disturbance as a trough in mid & upper tropospheric westerlies lay as an upper air cyclonic circulation over north Pakistan & neighbourhood at 3.1 km above mean sea level on 08th February and over Jammu & Kashmir and neighbourhood in the evening of the same day and moved away north-eastwards on 09th February.
- Last week's trough of low at mean sea level over South West Bay of Bengal and neighbourhood lay over South West Bay of Bengal and adjoining Sri Lanka on 08th February. It lay over South West Bay of Bengal and adjoining south Sri Lanka on 09th and has become less marked on 10th.
- Last week's induced cyclonic circulation over Punjab & neighbourhood at 0.9 km above mean sea level has become less marked 08th February.



- Last week's the cyclonic circulation extending up to 1.5 km above mean sea level over Konkan & neighbourhood has become less marked on 08th February.
- Last week's the trough of low at mean sea level from Maldives area to east-central Arabian Sea off Karnataka coast moved away westwards on 08th February.
- A cyclonic circulation extending up to 0.9 km above mean sea level lay over southwest Madhya Pradesh & neighbourhood on 8th February and has become less marked 9th.
- A fresh Western Disturbance as a cyclonic circulation at 3.1 km above mean sea level lay over eastern parts of Iran & adjoining Afghanistan with a trough aloft with its axis at 5.8 km above mean sea level running roughly along Longitude 55°E to the north of Latitude 32°N on 08th February. It lay as a cyclonic circulation at 3.1 km above sea level over central parts of Afghanistan with the trough aloft at 5.8 km above sea level running roughly along Longitude 62°E to the north of Latitude 30°N on 09th. It continued to lay as a cyclonic circulation over eastern parts of Afghanistan and adjoining Pakistan with the trough aloft with its axis at 5.8 km above mean sea level roughly along Longitude 66°E to the north of Latitude 26°N on 10th. It persisted as a cyclonic circulation at the same level over the same region with the trough aloft running roughly along Longitude 66°E to the north of Latitude 22°N on 11th. It persisted as a cyclonic circulation at 3.1 km above sea level over Pakistan & adjoining East Afghanistan with the trough aloft in mid & upper tropospheric westerlies roughly along Longitude 68°E to the north of Latitude 22°N on 12th; It lay as a trough in mid & upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Longitude 72°E to the north of Latitude 28°N on 13th which ran roughly along Longitude 84°E to the north of Latitude 22°N on 14th.
- A cyclonic circulation extending upto 0.9 km above mean sea level lay over West Rajasthan & neighbourhood on 09th & 10th February and has become less marked on 11th.
- Another cyclonic circulation extending upto 0.9 km above mean sea level lay over Jharkhand and adjoining areas of north Odisha and Gangetic West Bengal on 09th February and has become less marked on 10th.
- A trough of low at mean sea level lay over South East Arabian Sea off Kerala coast on 09th and it persisted over the same region till 13th February and became less marked on 14th.
- An induced cyclonic circulation lay over south Pakistan & neighbourhood and extended upto 2.1 km above mean sea level on 10th February. It lay over south Pakistan and adjoining West Rajasthan extending up to 2.1 km above sea level on 11th ; over West Rajasthan & neighbourhood and extended upto 0.9 km above mean sea level on 12th; over northeast Rajasthan & neighbourhood extending up to 0.9 km above sea level on 13th and became less marked on 14th.



- A cyclonic circulation lay over East Bangladesh and neighbourhood and extended upto 1.5 km above mean sea level 11th February. It lay over south Assam & neighbourhood at 1.5 km above sea level on 12th & 13th and over Nagaland, Manipur, Mizoram & Tripura and neighbourhood extending up to 1.5 km above sea level on 14th.
- A cyclonic circulation lay over south Maharashtra & neighbourhood and extended upto 0.9 km above mean sea level 11th February. It lay over Marathwada & neighbourhood extending up to 0.9 km above sea level on 12th & 13th and has become less marked on 14th.
- A Western Disturbance as a trough in mid tropospheric westerlies with its axis at 3.1 km above mean sea level ran roughly along Longitude 64°E to the north of Latitude 30°N on 13th February and roughly along Longitude 66°E to the north of Latitude 30°N on 14th.
- A trough of low at mean sea level lay over South East Bay of Bengal & adjoining Equatorial Indian Ocean on 13th February and has become less marked on 14th.
- A feeble trough in low level easterlies lay over Lakshadweep area and extended upto 0.9 Km above mean sea level on 14th February.
- A cyclonic circulation lay over Gujarat region and neighbourhood at 3.1 Km above mean sea level on 14th February.

### **Average rainfall during the week**

The All India area weighted rainfall during the week 8.5 mm was 76% above normal (4.8 mm).

The subdivision-wise weekly rainfall distribution is presented in Fig.1. Rainfall was Large excess in 14, excess in 4, normal in 1, deficit in 1, L. deficit in 11 and no rain in 5 out of 36 meteorological sub-divisions.

### **Cumulative Seasonal rainfall (1st January to 14th February 2018)**

The cumulative seasonal rainfall during 1st January to 14th February 2018 over the country as a whole was 12.0 mm which is 58% below normal rainfall of 8.8 mm.

The subdivision-wise seasonal rainfall distribution is presented in Fig. 2. Rainfall was Large excess in 2, excess in 3, normal in 2, deficit in 7 and L. deficit in 20 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 January to 14th February 2018)**

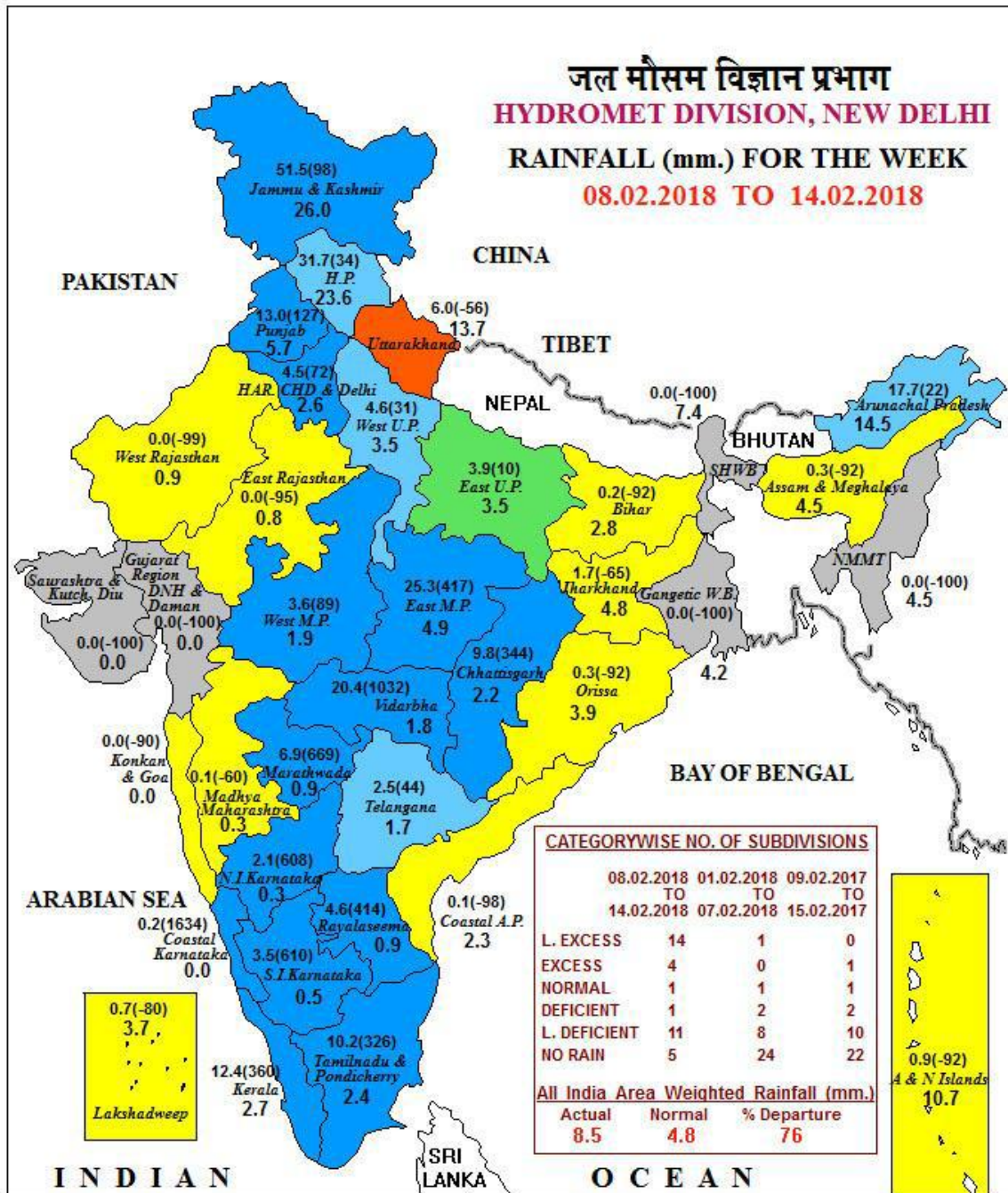
In the country, 5% districts received large excess, 3% districts received excess and 6% districts normal rainfall during post monsoon season so far. However, 15% districts received deficient, 34% districts received large deficient rainfall and 37% districts received no rainfall and 0 districts received no data. (Table-1).

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

During the week under report 14 Sub-division viz.; Jammu & Kashmir, Punjab, Haryana, Chandigarh & Delhi, West Madhya Pradesh, East Madhya Pradesh, Chhattisgarh, Vidarbha, Marathwada, Rayalaseema, North interior Karnataka, South interior Karnataka, Coastal Karnataka, Kerala and Tamil Nadu & Pondicherry received large excess rainfall, 4 Sub-divisions viz.; Arunachal Pradesh, Himachal Pradesh, West Uttar Pradesh and Telangana received excess rainfall, 1 Sub-divisions viz.; East Uttar Pradesh received normal rainfall, and remaining 34 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 08.02.2018 TO 14.02.2018



**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:**

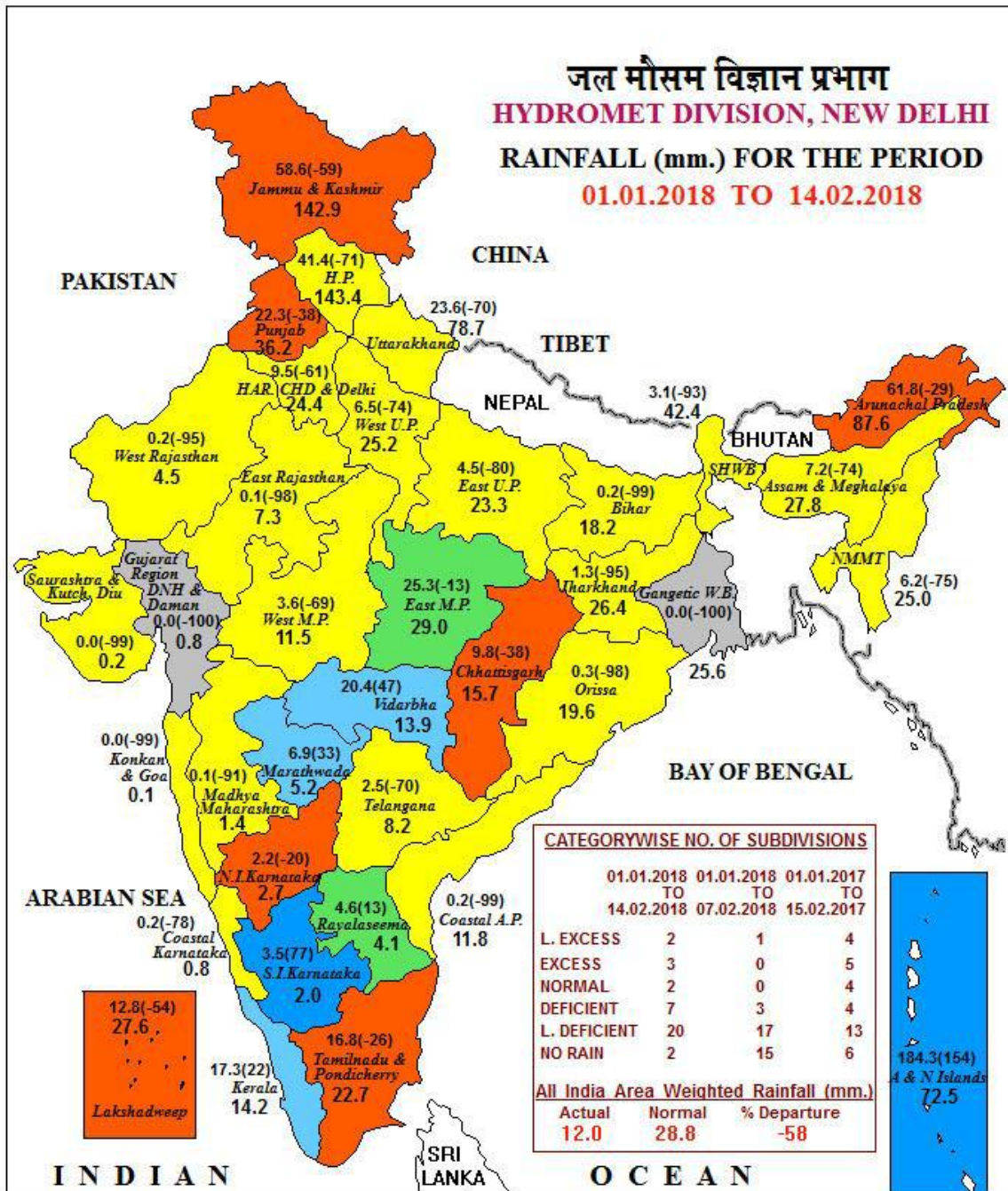
- (a) Rainfall figures are based on operational data.
- (b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)  
 Percentage Departures of Rainfall are shown in Brackets.

Fig-1



# भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT

## जल मौसम विज्ञान प्रभाग HYDROMET DIVISION, NEW DELHI RAINFALL (mm.) FOR THE PERIOD 01.01.2018 TO 14.02.2018



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. 01.2018 to 14.02.2018)**

Sl No	STATES	PERIOD FROM : 01.01.2018 to 14.02.2018							
		LE	E	N	D	LD	NR	ND	TOTAL
1	A & N ISLAND (UT)	3	0	0	0	0	0	0	3
2	ARUNACHAL PRADESH	0	2	2	4	4	1	3	16
3	ASSAM	0	0	0	4	15	8	0	27
4	MEGHALAYA	0	0	0	0	2	2	3	7
5	NAGALAND	0	1	0	1	3	0	6	11
6	MANIPUR	0	0	0	0	2	2	5	9
7	MIZORAM	0	0	0	1	2	1	5	9
8	TRIPURA	0	0	0	1	2	1	0	4
9	SIKKIM	0	0	0	0	4	0	0	4
10	WEST BENGAL	0	0	0	0	2	17	0	19
11	ODISHA	0	0	0	0	10	20	0	30
12	JHARKHAND	0	0	0	0	5	17	2	24
13	BIHAR	0	0	0	0	4	34	0	38
14	UTTAR PRADESH	0	1	0	10	49	12	0	72
15	UTTARAKHAND	0	0	0	0	13	0	0	13
16	HARYANA	0	0	1	6	12	2	0	21
17	CHANDIGARH (UT)	0	0	0	1	0	0	0	1
18	DELHI	0	0	0	0	7	0	2	9
19	PUNJAB	0	1	4	11	4	0	0	20
20	HIMACHAL PRADESH	0	0	0	6	6	0	0	12
21	JAMMU & KASHMIR	0	0	0	12	8	0	2	22
22	RAJASTHAN	0	0	0	0	8	25	0	33
23	MADHYA PRADESH	3	2	3	10	17	16	0	51
24	GUJARAT	0	0	0	0	1	32	0	33
25	DADRA & NAGAR HAVELI (UT)	0	0	0	0	0	0	1	1
26	DAMAN & DIU (UT)	0	0	0	0	0	1	1	2
27	GOA	0	0	0	0	1	1	0	2
28	MAHARASHTRA	6	3	8	3	1	15	0	36
29	CHHATISGARH	6	1	2	6	2	10	0	27
30	ANDHRA PRADESH	0	1	0	2	3	7	0	13
31	TELANGANA	0	0	1	1	3	5	0	10
32	TAMILNADU	3	4	8	6	11	0	0	32
33	PUDUCHERRY (UT)	0	1	0	0	1	0	2	4
34	KARNATAKA	6	3	5	4	7	5	0	30
35	KERALA	5	2	1	3	3	0	0	14
36	LAKSHADWEEP (UT)	0	0	0	1	0	0	0	1
<b>TOTAL</b>		<b>32</b>	<b>22</b>	<b>35</b>	<b>93</b>	<b>212</b>	<b>234</b>	<b>32</b>	<b>660</b>
<b>CATEGORYWISE DISTRIBUTION OF DISTRICTS OUT OF THE 628 WHOSE DATA RECEIVED</b>		<b>5%</b>	<b>3%</b>	<b>6%</b>	<b>15%</b>	<b>34%</b>	<b>37%</b>		

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

S. No.	Meteorological Sub Division	24 Jan (04)	31 Jan (05)	07 Feb (06)	14 Feb (07)
1	Andaman & Nicobar Islands	Blue	Orange	Blue	Yellow
2	Arunachal Pradesh	Yellow	Green	Orange	Blue
3	Assam & Meghalaya	Grey	Green	Yellow	Yellow
4	Nagaland, Manipur, Mizoram, Tripura	Grey	Grey	Grey	Grey
5	Sub-Himalayan West Bengal & Sikkim	Grey	Yellow	Yellow	Grey
6	Gangetic West Bengal	Grey	Grey	Grey	Grey
7	Orissa	Grey	Grey	Grey	Yellow
8	Jharkhand	Grey	Grey	Grey	Yellow
9	Bihar	Grey	Grey	Grey	Yellow
10	East Uttar Pradesh	Yellow	Grey	Grey	Green
11	West Uttar Pradesh	Orange	Yellow	Grey	Blue
12	Uttarakhand	Blue	Grey	Yellow	Orange
13	Haryana, Chandigarh & Delhi	Blue	Grey	Grey	Blue
14	Punjab	Blue	Grey	Grey	Blue
15	Himachal Pradesh	Orange	Grey	Yellow	Blue
16	Jammu & Kashmir	Yellow	Yellow	Yellow	Blue
17	West Rajasthan	Green	Grey	Grey	Yellow
18	East Rajasthan	Yellow	Grey	Grey	Yellow
19	West Madhya Pradesh	Grey	Grey	Yellow	Blue
20	East Madhya Pradesh	Grey	Grey	Grey	Blue
21	Gujarat Region	Grey	Grey	Grey	Grey
22	Saurashtra, Kutch & Diu	Grey	Grey	Yellow	Grey
23	Konkan & Goa	Grey	Grey	Grey	Yellow
24	Madhya Maharashtra	Grey	Grey	Grey	Yellow
25	Marathwada	Grey	Grey	Grey	Blue
26	Vidarbha	Grey	Grey	Grey	Blue
27	Chhattisgarh	Grey	Grey	Grey	Blue
28	Coastal Andhra Pradesh	Grey	Grey	Grey	Yellow
29	Telangana	Grey	Grey	Grey	Blue
30	Rayalaseema	Grey	Grey	Grey	Blue
31	Tamil Nadu & Pondicherry	Grey	Yellow	Yellow	Blue
32	Coastal Karnataka	Grey	Grey	Grey	Blue
33	North interior Karnataka	Grey	Grey	Grey	Blue
34	South interior Karnataka	Grey	Grey	Grey	Blue
35	Kerala	Yellow	Yellow	Green	Blue
36	Lakshadweep	Orange	Yellow	Orange	Yellow

## LEGEND:

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