

Crop Weather Conditions

(12th to 18th November 2017)

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

Maharashtra

Vidarbha region

Weekly average means (46 MW) at AICRPAM Akola centre: T max 31.0 °C (normal 31.4 °C), T min 13.7 °C (normal 14.5 °C). RH I 79% (normal 74 %), RH II 37% (normal 33%). Evaporation rate 4.9 mm (normal 4.4 mm), Wind speed 0.4 km/hr (normal 3.4 km/hr) and BSH 7.96 hrs (normal 8.1 hrs). Maximum temperature across the week was 0.4°C below normal and the minimum temperature was 0.8°C below normal. In Vidarbha subdivision rainfall during June 1- September 30 amounted to 731.5.mm (-23%), whereas October 1- 15 November recorded 57.5 mm (-11%) rainfall. Akola location recorded 455.3 mm rains(-31%) during 1 June-30 September whereas October 1- November 11 recorded 62.0 mm (-5%) rainfall. Minimum temperature ranged between 11.0 to 16.9 °C during the week. During the past week mainly dry weather prevailed over Vidarbha region. Day time warm range (30.0 to 32.4°C) is conducive to bursting of matured bolls in cotton. Pigeon pea crop at flower initiation stage appears in good vigour. With ample light energy coupled with soil moisture limitation/widening diurnal range possibly initiated leaf reddening during boll development phase in cotton fields. Irrigated rabi sowings (wheat, vegetables) are underway. Agricultural operations like Cotton picking (burst bolls) is in progress. Need based plant protection is being undertaken in pigeon pea . Need based irrigation/weeding and hoeing underway in standing rabi crops. Field preparations are under way for late rabi (wheat, vegetables) sowings. Weeding/mulching of tree basins of plantations being carried out. Harvesting of matured rice crop underway in rice dominated eastern districts. Harvesting of custard apple/orange/aonla/acid lime as per maturity of fruits in progress. Cotton is at boll development/boll burst/picking stage. Pigeon pea through at full bloom/pod initiation phase. Timely sown irrigated wheat/chickpea through vegetative stage. Late sown Irrigated chickpea is through seedling phase. In eastern Vidarbha districts rice is at physiological maturity/harvest stage. Custard apple/acid lime/papaya at harvest stage as per maturity of fruits. Surface layer soil moisture status is inadequate for rabi sowings. Pre-sowing//post sowing light irrigation (sprinkler) essential to ensure better germination and plant stand of rabi sowings.

Madhya Maharashtra region

Dry weather prevailed in Madhya Maharashtra region of Maharashtra state during this week. The growth of kharif crops is satisfactory in this region. The harvesting of,

Bajra, sunflower crops are in progress. In some parts of region harvesting is suspended due to rainfall. Harvesting of normal/late sown soybean crop is almost over and the yield levels are expected to be good. Pigeon pea crop being at flowering stage appears in very good vigour indicative of a good harvest ahead. Growth and development of rabi crops is better due to receipt of retreating monsoon. Agricultural operations like intercultural operations like weeding is in progress in late sown rainfed as well as in irrigated crops. The harvesting and threshing of soybean, sorghum and bajra crops are in progress in this region. Need based plant protection is being undertaken in Rabi sorghum, Chick pea, pigeon pea and sunflower. Weeding, manuring/fertilization and basin mulching of 1-5 years plantations are in progress. Plant protection sprays in pigeon pea and horticultural crops. intercultivation in sunflower. The interculturing operations in early sown rabi crop are in progress. The sowing of late sown rabi crops is in progress in this region. Pearl millet harvesting is at final stage, kharif sorghum at grain maturity and harvesting initiated at some places, Maize and Soybean harvesting and threshing is in progress, Ground Nut at pod maturity and harvesting stage, Sunflower in grain maturity stage, Pigeon pea in flowering to pod formation stage. Late sunflower - Grand growth stage to button stage. Late Pearl millet - Harvesting stage. Castor - Flowering stage. Rabi Sorghum (early)- Panicle initiation. Rabi Sunflower (early) - Grand growth to Button stage. Ber -fruiting.

Marathwada region

Parbhani centre maximum Temp was range of 30.0 0C to 31.5 0C, minimum temp was range of 9.7 0C to 16.5 0C, morning Humidity ranges from 71 to 85 % and afternoon Humidity range from 24 to 37 %. evaporation was range of 3.3 mm to 5.2 mm and BSS was range of 7.9 hrs to 9.4 hrs. Sowing of rabi crops is in progress. Cotton picking is in progress. Vegetable cultivation is in progress. spraying operation carried out on Chickpea, safflower and pigeonpea crop. Pigeonpea crop at flowering stage to pod development stage. Cotton crop is in boll bursting stage. Gram is in Branching stage. sugarcane crop at grand growth stage. Sowing. Inadequate soil moisture is available for sowing of rabi crops. Pre-sowing irrigation (Stale seed bed) or post sowing light irrigation is essential to ensure better germination and plant population per ha.

Assam

Weather during the week was partially clear. The daily average maximum temperature was 28.1°C which is 0.24 degree above normal and the average daily minimum temperature was 16.1°C which is 0.37 degree above normal for the week. Total BSSH was 42.2 hrs only with an average of 7.0 hrs. The daily average evaporation and wind speed was 1.7 mm and 1.1 km/hr respectively. The daily average RH during morning and afternoon was 96% and 66% respectively. Sali rice: Maturity stage, Boro rice: land preparation/Nursery bed preparation, Rabi vegetables: vegetative/flowering stage. Agricultural operations like Harvesting of sali rice, land preparation and sowing of potato, rapeseed and mustard. Nursery bed preparation of Boro rice are in progress. No major pests and diseases were noticed.

Bihar

Mainly dry weather prevailed during the week, Maximum temperature ranged from 28.8 to 30.4 °C against the normal of 30.3 to 30.9 °C and minimum temperature ranged from 14.5 to 18.4 against the normal of 18.5 to 20.0°C. Ample germination is reported in maize, potato and other sown rabi crops. Ample germination is reported in maize, potato and other sown rabi crops. Agricultural operations like Sowing of wheat, chickpea, radish, carrot and pea crops. Planting of potato and harvesting of matured and rice crop are in progress.

Haryana

The variable weather was observed with moderate to dense fog during the week. Maximum temperature was -3.7 °C lower than the normal and minimum temperature was 3.3 °C above over the normal. The rainfall was measured in traces. The SSH were 0.0 hrs to smog/fog in this week except 12th November where it measured 1.8 hrs. The cumulative pan evaporation was 27.3 mm which was 5.7 mm higher than the normal. The Easterly wind dominated with calm/low wind speed during week. Mustard in vegetative stage. Wheat and barley in Emergence stage. Agricultural operations like Picking of Narma cotton, Harvesting and threshing of Paddy, Marketing of harvested paddy grain. Progress in sowing of Wheat and Barley, Sowing of fodder crop like Berseem and Jai are in progress.

Gujarat

The actual average maximum temperature is 0.4°C and minimum temperature is 2.8°C lower as compared to their normal values. Total BSSH was 58.7 hrs. with an average of 8.2 hrs. The daily average evaporation and wind speed was 3.1 mm and 2.0 km/hr respectively. The daily average RH during morning and afternoon was 91.3 % and 34.0 % respectively. Cotton at maturity stage. Castor is in vegetative stage. early shown Winter maize and wheat are in emergence stage. Early shown mustard is in vegetative stage. Timely shown mustard at early vegetative stage. late shown Groundnut at pod development phase. Castor and mustard are in Vegetative stage. Maize, chick pea and wheat -Emergence stage. Reproductive stage of semi rabi pearl millet. Agricultural operations like Wheat, potato field preparation is continue. Interculturing in early shown mustard are in progress.

Uttar Pradesh

West Uttar Pradesh

Weather will be dry during this week. Maximum temperature may be 1.00C higher to its normal and minimum temperature may be also 2.0 to 3.00C higher to its normal. Agricultural operations like Wheat: Sowing. Barley: Sowing. Pigeon pea : Spray insecticide. Gram: Sowing. Pea: Sowing. Lentil: Sowing. Toria: Irrigation. Mustard: Sowing, Weeding and thinning. Brinjal / Chilies: Weeding , plucking, marketing, spray

pesticide . Leafy Vegetable : Sowing, cutting and marketing. Animal: Protect from common diseases are in progress. Wheat : Sowing/ Emergence, Toria: Flowering, Gram: Emergence, Pea: Emergence, Pigeon pea : Vegetative/ Branching , Mustard: Emergence / Vegetative, Vegetables: Transplanting/Flowering / Fruiting.

Jammu & Kashmir

Mainly cloudy weather prevailed during this week with 10.6mm of rainfall in one rainy day. Both maximum and minimum temperatures remained below normal by 1 to 2 0C and was in the range of 23.2 to 27.5 0C and 8.3 to 10.7 0C, respectively. The morning and evening relative humidity was observed in the range of 80 to 95 % and 37 to 50%, respectively. The total evaporation observed 11.7 mm and sunshine in the range of and 0.0 to 6.4 hrs during this period. Agricultural operations like Sowing of late sown wheat varieties PBW-550, HD-2967, PBW-621/DPW-50, WH-1105, RSP-303, Raj-3077 in irrigated arrears are in progress, Sowing of Lentil (var.: L-4147, L-9/12, PL-406) is in progress, Hoeing and weeding in rabi pulses is in progress, Weeding, hoeing and earthing up followed by irrigation has been done in potato, Irrigation in berseem, and vegetable crop are in progress. Emergence in late sown wheat crop. 2. CRI stage in normal sown wheat crop. 3. Normal sown mustard is at vegetative stage 4. Early sown mustard as at flowering stage. 5.Pod formation in toria crop. No major pests and diseases were noticed.

Jharkhand

Actual and normal rainfall received during this week is equal. Daily maximum and minimum temperature ranged from 22.4 to 27.2 degree C and 10.0 to 17.4 degree C, respectively. Average weekly maximum and minimum temperature was 25.0 to 12.8 degree C, respectively and their normal value is 26.0 to 12.0 degree C which was moderately higher from their normal value. Agricultural operations like Harvesting and threshing of Rice, urd, moong, Maize and Soyabean. Harvesting of upland paddy crops. Land preparation for rabi crops along with sowing of chickpea, pea, maize and lentil etc. are in progress. Paddy crops are at maturity along with maize and soyabean.. No major pests and diseases were noticed.

South Karnataka

State actual rainfall for 46th week i.e., 9th November to 15th November 2017 was 0 mm as against the normal of 9.0 mm with (-) 96 % deviation. Whereas SIK received 1.0 mm of rainfall as against the normal of 10.0 mm leading to (-) 93 % deviation. State actual rainfall from 1st January to 15th November was 1053.0 mm as against the normal of 1130.0 mm, by (-) 7 % deviation. Whereas SIK received 872.0 mm of rainfall as against the normal of 687.0 mm to (+) 27 % deviation. Dry weather prevailed in Odisha state during the week. Agricultural operations like Harvesting of kharif crops like Grounut, Maize is under progress. spraying operation in Redgram, sowing of rabi crops is under progress. Post harvest methods like drying, pod separation ,winnowing and storage in gunny bag are in progress.

Punjab

Dry weather prevailed in Punjab state during early part of the week. The maximum temperature during the week ranged between 23.4-25.0°C and minimum temperature ranged between 11.6-15.2°C. Agricultural operations like Field preparation and sowing of wheat is in progress.

Rajasthan

Cloudy, cool and dry weather experienced during this week. At the centre, cloudy, cool & dry weather observed during this week. Max. temp. ranges from 27.8 to 30.0 with mean value of 28.6 which is 0.5 degree below the normal value. The min. temp. ranges from 10.6 to 14.6 with mean value of 12.0 which is 1.3 degree above the normal value. The wind velocity ranges from 1.6 to 2.4 with mean value of 2.1 km/hr. The BSSH ranges from 4.1 to 7.4 with mean value of 6.6 hrs. The mean evaporation is 3.0 mm. Agricultural operations like Sowing of barley & wheat. Irrigation in mustard and vegetables. Thinning and hoeing of mustard. Threshing & Winnowing of maize, sorghum, groundnut & Pulses are in progress. Mustard early sowing at vegetative and seedling to flowering stage. Barley and berseem at emergence stage. No major pests and diseases were noticed.

Tamil Nadu

Deficit rainfall recorded in Tamil Nadu state during this week. Maximum temperature across the week was 32°C - 35°C and the minimum temperature was 18°C - 21°C above normal. Tirunelveli district: Cotton, pulses, sorghum and maize are in vegetative to reproductive stage. Sowing of coriander and senna are in progress. Paddy is in early vegetative stage. Virudhunagar district: Cotton, sorghum, maize and pulses are in vegetative to reproductive stage. Sowing of coriander and senna are in progress. Chillies is in early vegetative stage. Tuticorin district: Cotton, sorghum, pulses and maize are in vegetative stage to reproductive stage. Sowing of coriander and senna are in progress. Chillies is in early vegetative stage. Agricultural operations like Sowing of coriander and chenna are in progress.

Uttarakhand

Normal weather with Maximum temperature is above normal with no rainfall in the mid Himalayan region. Agricultural operations like Sowing of rabi crops viz wheat, barley, lentil, field pea & mustard, hoeing and light irrigation wherever is available in vegetable crops and collection and burning of dry leaves, application of FYM in Fruit trees Sowing of rabi crops viz wheat, barley, lentil & mustard, hoeing and light irrigation wherever is available in vegetable crops and collection and burning of dry leaves from orchard, application of FYM in Fruit trees are in progress. Seedling stage in vegetable crops, most of the kharif crops and vegetable pea are harvested.

West Bengal

Weather conditions during the 46th week at Mohanpur, West Bengal: Maximum temperature: 23.2 to 32.0 0C, Minimum temperature: 18.4 to 22.0 0C, bright sun shine hours: 0.0 to 9.9 hours, Morning-time relative Humidity: 89% to 100%, after noon-time R.H: 50% to 100%. Total weekly pan evaporation: 8.5 mm, Total rainfall: 36.2 mm and average daily wind speed is around 0.28 km/h. Agricultural operations like Kharif Rice: Harvesting is on progress. Sugarcane: Intercultural operation as well as harvesting is going on. Intercultural operation for winter vegetables (tomato, chili, cabbage, cauliflower, onion etc.) is on progress. Field preparation and seed sowing for early mustard, potato is continuing. Chili, cowpea, brinjal, cucumber, all gourds and leafy vegetables: Maturity stage. Winter vegetables like; Cabbage, cauliflower, tomato, chili: Vegetative stage. Sugarcane: Maturity stage (arrowing). Vegetable crops (bitter gourd, tomato, chili, okra, cucumber, brinjal and other gourds): Mature crops are in good condition. Sugarcane: Mature crop is in good health. Winter vegetables (Cabbage, cauliflower, tomato, chili, onion): Plants are in good condition.

Weather during 2nd to 8th November 2017

Northeast Monsoon

- A depression formed over west central Bay of Bengal off Andhra Pradesh on 15th November 2017. A Western Disturbance as an upper air cyclonic circulation embedded in a deep mid-latitude.
- Westerly trough caused widespread precipitation over Jammu & Kashmir and isolated to scattered rainfall over adjoining plains of northwest India on 14th & 15th November 2017.
- Dense to very dense fog observed at many places over Punjab; at a few places over Haryana, Chandigarh & Delhi at isolated places over north Rajasthan and Uttar Pradesh on many days of the week. Except one day in which northeast monsoon remained active over Kerala, all through the week.
- Subdued activity prevailed over all other sub-divisions in the northeast monsoon regime. Very heavy rainfall occurred over Tamilnadu and Kerala on one day each and heavy rainfall over Tamilnadu on many days and coastal Andhra Pradesh on one or two 2 days of the week.
- Minimum temperatures were below normal on one or two days over Maharashtra State, Telangana, Rayalaseema and Karnataka. These were nearly normal or above normal over the rest regions of the country during the week.
- In the plains of the country, the lowest minimum temperature of 08.70C was recorded at Sriganganagar (West Rajasthan) on 13th and at Adampur (Punjab) on 14th November, 2017. A depression formed over westcentral Bay of Bengal off Andhra Pradesh on 15th November 2017.
- A Western Disturbance as an upper air cyclonic circulation embedded in a deep mid-latitude Westerly trough caused widespread precipitation over Jammu & Kashmir and isolated to scattered rainfall over adjoining plains of northwest India on 14th & 15th November 2017.
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- Except one day in which northeast monsoon remained active over Kerala, all through the week subdued activity prevailed over all other sub-divisions in the northeast monsoon regime.
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- These were nearly normal or above normal over the rest regions of the country during the week.
- In the plains of the country, the lowest minimum temperature of 08.70C was recorded at Sriganganagar (West Rajasthan) on 13th and at Adampur (Punjab) on 14th November, 2017 .

Meteorological Analysis

- The depression over west central Bay of Bengal and adjoining northwest Bay of Bengal off north Andhra Pradesh-south Odisha coast moved slightly northeast wards and lay centred at 1430 hours IST of today, the 16th November, 2017 near latitude 17.8°N and longitude 84.5°E, about 110 km east of Visakhapatnam and 185 km southsouthwest of Gopalpur.
- The system is very likely to move northeastwards off north Andhra Pradesh-Odisha coast during next 12 hours maintaining its intensity. Thereafter, it is very likely to continue to move northeastwards and weaken gradually. A Western Disturbance as an upper air cyclonic circulation lies over eastern parts of Afghanistan & neighbourhood extending upto 7.6 km above mean sea level.
- The associated trough runs roughly along Long. 67.0°E and north of Lat. 18.0°N at 5.8 km above mean sea level. An induced cyclonic circulation lies over East Rajasthan & neighbourhood at 1.5 km above mean sea level. A cyclonic circulation at 1.5 km above mean sea level lies over north Kerala & neighbourhood.

Average rainfall during the week

The All India area weighted rainfall during the week 1.8 mm was 74% below normal (6.9 mm).

The subdivision-wise weekly rainfall distribution is presented in Fig.1. Rainfall was L. excess in 1, excess in 1, normal in 3, deficit in 1, L. deficit in 11 and no rain in 20 out of 36 meteorological sub-divisions.

Cumulative Seasonal rainfall (1st October to 15th November 2017)

The cumulative seasonal rainfall during 1st October to 15th November 2017 over the country as a whole was 89.4 mm which is 9% less normal rainfall of 98.5 mm.

The subdivision-wise seasonal rainfall distribution is presented in Fig. 2. Rainfall was L. excess in 0, excess in 8, normal in 12, deficit in 5, L. deficit in 10 and no rain in 1 out of 36 meteorological sub-divisions.

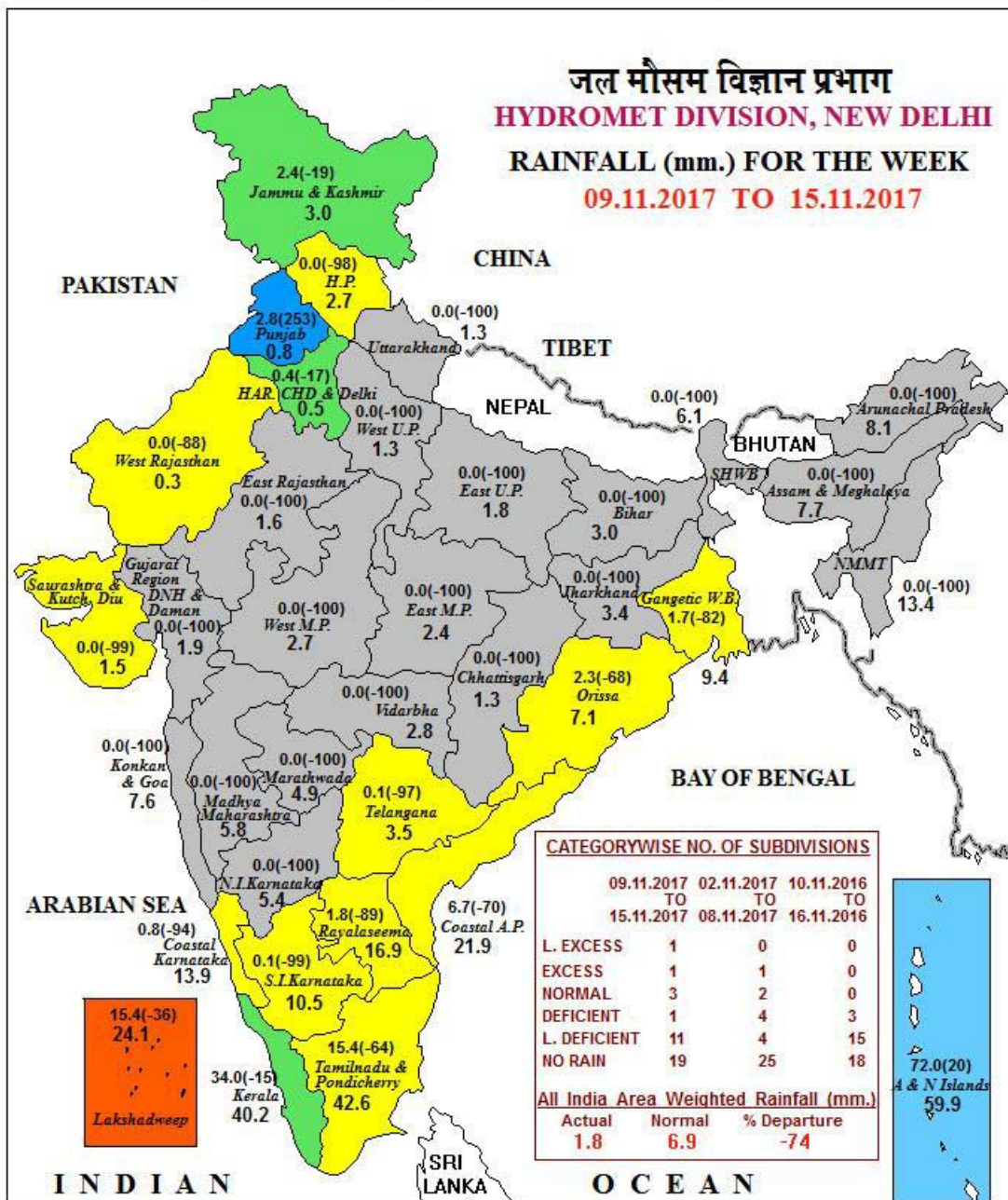
State-wise distribution of rainfall in number of districts with large excess, excess, normal, deficient, large deficient and no rainfall during post monsoon season (1st October to 8th November 2017)

In the country, 11% districts received large excess, 14% districts received excess and 15% districts normal rainfall during post monsoon season so far. However, 13 districts received deficient, 15% districts received large deficient rainfall and 32% districts received no rainfall and 0 districts received no data. (Table-1).

Weekly rainfall departure (%) at different IMD subdivisions (2017)

During the week under report Punjab Sub-divisions received large excess rainfall, 1 Sub-division viz.; A & N Islands received excess rainfall, 3 Sub-divisions viz.; Haryana, Jammu & Kashmir and Kerala received normal rainfall and remaining 31 Sub-divisions received either deficit / large deficit / no rainfall. (Table-2).

भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT



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

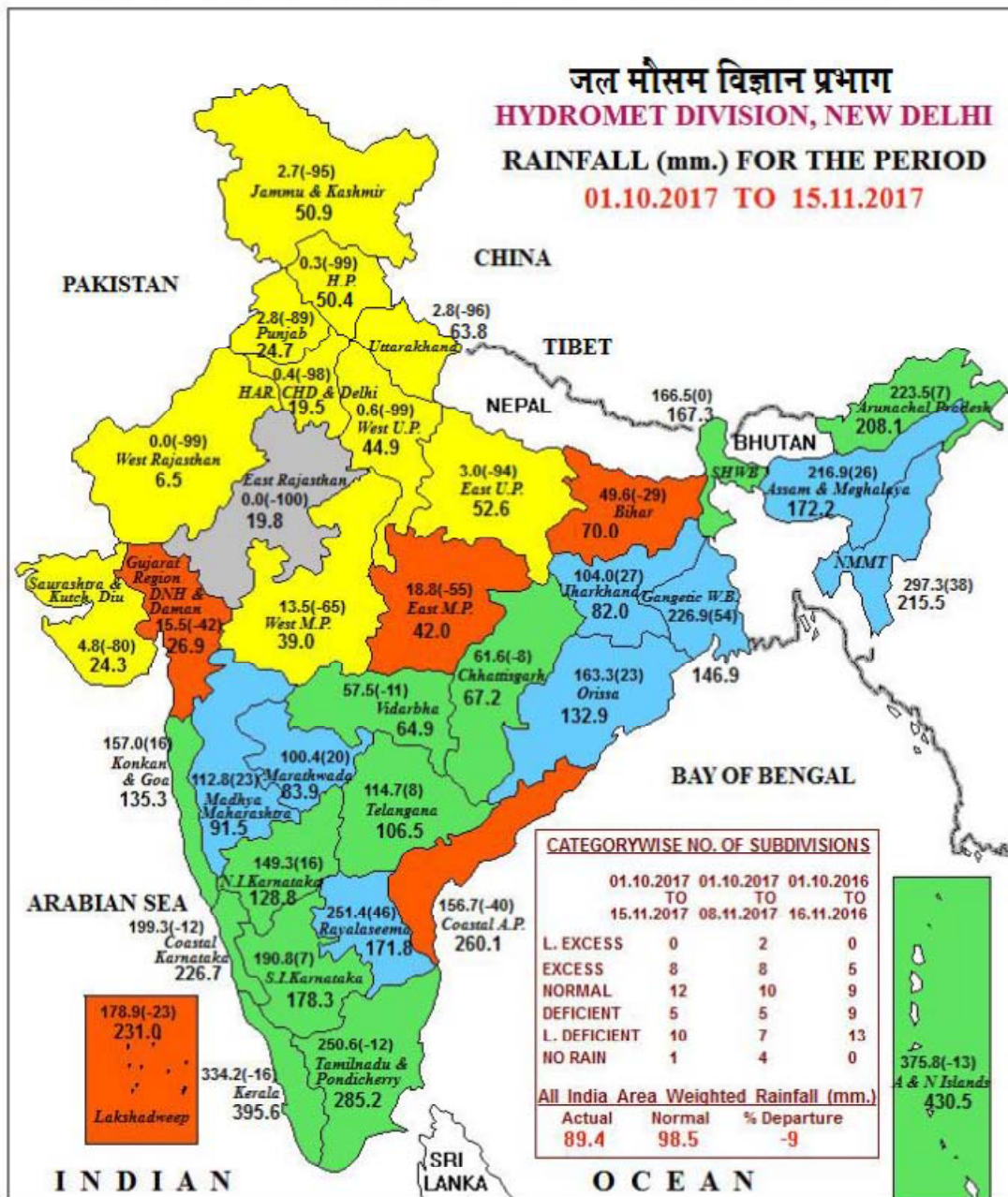
NOTES:

- [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 01.10.2017 TO 15.11.2017



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 (01.10.2017 to 01.11.2017)

S.No.	STATES	LE	E	N	D	LD	NR	ND	TOTAL
1.	A & N ISLAND (UT)	0	0	1	2	0	0	0	3
2.	ARUNACHAL PRADESH	3	3	2	2	2	0	4	16
3.	ASSAM	7	9	9	1	0	0	1	27
4.	MEGHALAYA	3	1	0	0	0	0	3	7
5.	NAGALAND	0	1	1	0	0	0	9	11
6.	MANIPUR	1	1	0	0	0	0	7	9
7.	MIZORAM	1	1	0	1	0	0	6	9
8.	TRIPURA	3	1	0	0	0	0	0	4
9.	SIKKIM	0	0	1	2	1	0	0	4
10.	WEST BENGAL	9	6	2	2	0	0	0	19
11.	ODISHA	5	13	11	1	0	0	0	30
12.	JHARKHAND	7	6	4	5	2	0	0	24
13.	BIHAR	6	1	5	5	14	7	0	38
14.	UTTAR PRADESH	0	0	0	2	21	49	0	72
15.	UTTARAKHAND	0	0	0	0	6	7	0	13
16.	HARYANA	0	0	0	0	0	21	0	21
17.	CHANDIGARH (UT)	0	0	0	0	0	1	0	1
18.	DELHI	0	0	0	0	0	8	1	9
19.	PUNJAB	0	0	0	0	0	20	0	20
20.	HIMACHAL PRADESH	0	0	0	0	5	7	0	12
21.	JAMMU & KASHMIR	0	0	0	0	5	15	2	22
22.	RAJASTHAN	0	0	0	0	0	33	0	33
23.	MADHYA PRADESH	1	3	3	4	26	14	0	51
24.	GUJARAT	4	0	4	2	6	17	0	33
25.	DADRA & NAGAR HAVELI (UT)	1	0	0	0	0	0	0	1
26.	DAMAN & DIU (UT)	0	0	1	1	0	0	0	2
27.	GOA	0	0	2	0	0	0	0	2
28.	MAHARASHTRA	5	12	14	5	0	0	0	36
29.	CHHATISGARH	2	4	7	9	4	1	0	27
30.	ANDHRA PRADESH	2	2	1	8	0	0	0	13
31.	TELANGANA	3	2	4	1	0	0	0	10
32.	TAMILNADU	3	6	9	14	0	0	0	32
33.	PUDUCHERRY (UT)	0	2	0	0	0	0	2	4
34.	KARNATAKA	4	13	7	6	0	0	0	30
35.	KERALA	0	1	6	6	1	0	0	14
36.	LAKSHADWEEP (UT)	0	0	0	1	0	0	0	1
	TOTAL	70	88	94	80	93	200	35	660
	CATEGORYWISE DISTRIBUTION OF DISTRICTS OUT OF THE WHOSE 625 DATA RECEIVED	11%	14%	15%	13%	15%	32%		

Table 2. Weekly Rainfall Departure (%) at different IMD subdivisions (2017)

S.No.	Meteorological Sub Division	04 Oct (40)	11 Oct (41)	18 Oct (42)	25 Oct (43)	01 Nov (44)	8 Nov (45)	15 Nov (46)
1	Andaman & Nicobar Islands	Green	Orange	Blue	Green	Orange	Yellow	Blue
2	Arunachal Pradesh	Blue	Yellow	Blue	Blue	Yellow	Grey	Grey
3	Assam & Meghalaya	Blue	Yellow	Green	Blue	Green	Grey	Grey
4	Nagaland, Manipur, Mizoram, Tripura	Green	Orange	Blue	Blue	Blue	Yellow	Grey
5	Sub-Himalayan West Bengal & Sikkim	Green	Orange	Green	Blue	Green	Grey	Grey
6	Gangetic West Bengal	Green	Blue	Yellow	Blue	Yellow	Grey	Yellow
7	Orissa	Blue	Blue	Orange	Blue	Yellow	Yellow	Yellow
8	Jharkhand	Green	Blue	Yellow	Blue	Grey	Grey	Grey
9	Bihar	Orange	Green	Yellow	Orange	Orange	Grey	Grey
10	East Uttar Pradesh	Yellow	Yellow	Yellow	Yellow	Yellow	Grey	Grey
11	West Uttar Pradesh	Grey	Yellow	Yellow	Yellow	Grey	Grey	Grey
12	Uttarakhand	Yellow	Yellow	Yellow	Grey	Yellow	Grey	Grey
13	Haryana, Chandigarh & Delhi	Yellow	Grey	Grey	Grey	Grey	Grey	Green
14	Punjab	Grey	Grey	Grey	Grey	Grey	Grey	Blue
15	Himachal Pradesh	Yellow	Grey	Yellow	Yellow	Grey	Yellow	Yellow
16	Jammu & Kashmir	Yellow	Grey	Yellow	Yellow	Grey	Grey	Green
17	West Rajasthan	Grey	Grey	Grey	Grey	Grey	Grey	Yellow
18	East Rajasthan	Yellow	Grey	Grey	Grey	Grey	Grey	Grey
19	West Madhya Pradesh	Yellow	Orange	Orange	Yellow	Grey	Grey	Grey
20	East Madhya Pradesh	Yellow	Green	Orange	Yellow	Grey	Grey	Grey
21	Gujarat Region	Grey	Orange	Blue	Grey	Grey	Grey	Grey
22	Saurashtra, Kutch & Diu	Grey	Yellow	Orange	Grey	Grey	Grey	Yellow
23	Konkan & Goa	Green	Blue	Blue	Yellow	Yellow	Grey	Grey
24	Madhya Maharashtra	Orange	Blue	Blue	Yellow	Yellow	Grey	Grey
25	Marathwada	Yellow	Blue	Blue	Yellow	Yellow	Grey	Grey
26	Vidarbha	Yellow	Blue	Blue	Yellow	Grey	Grey	Grey
27	Chhattisgarh	Green	Blue	Orange	Yellow	Yellow	Grey	Grey
28	Coastal Andhra Pradesh	Green	Green	Orange	Yellow	Yellow	Orange	Yellow
29	Telangana	Blue	Blue	Blue	Yellow	Yellow	Grey	Yellow
30	Rayalaseema	Blue	Blue	Blue	Yellow	Orange	Green	Yellow
31	Tamil Nadu & Pondicherry	Green	Blue	Orange	Yellow	Green	Blue	Yellow
32	Coastal Karnataka	Blue	Green	Blue	Yellow	Orange	Orange	Yellow
33	North interior Karnataka	Blue	Blue	Blue	Yellow	Yellow	Grey	Grey
34	South interior Karnataka	Blue	Blue	Blue	Yellow	Yellow	Orange	Yellow
35	Kerala	Green	Orange	Blue	Yellow	Green	Green	Green
36	Lakshadweep	Green	Green	Blue	Orange	Yellow	Orange	Orange

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:	