All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Weekly Crop Weather Information during 23rd to 29th July 2018

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

Maharashtra

Vidarbha region

Light rainfall received over Vidarbha during past week. Maximum temperature across the week was -2.3 °C below normal and the minimum temperature was 0.1 °C below normal. Agricultural operations like kharif sowing are nearer to complete, in areas that received sufficient rains remaining kharif sowings are underway. Planning for tree plantations upon sufficient rains and preparation of pits for new plantation of fruit crops being carried out. Hoeing weeding are being carried out in earlier sown crops are in progress. Earlier/ recently sown cotton, green gram, black gram and soybean are through emergence/seedling phase. Rice at transplanting stage in eastern Vidarbha districts. Acid lime, sapota and gourds are being harvested stage as per maturity. No major pest/diseases were noticed.

Madhya Maharashtra region

Cloudy weather prevailed in Madhya Maharashtra region of Maharashtra state during this week. Agriculture operations like sowing kharif season crops are in progress. Kharif crops are in germination to tillering stage. Low intensity of leaf eating caterpillar in kharif crops and vegetables was noticed.

Marathwada region

Light rainfall received in Marathwada region of Maharashtra state during this week. The Maximum temperature was range from 28.0 to 32.6°C and the minimum temperature was ranges from 20.0 to 23.0 °C. Agriculture operations like intercultural operations like hoeing, weeding, spraying of insecticides and pesticides is in progress. Sown cotton is at development stage , soybean is at vegetative development stage, sorghum is at fifth leaf stage, green gram and black gram crops are in vegetative development stage. Vegetable crops are at vegetative to fruit development stage. Sugarcane is development stage.Low intensity of sucking pest, leaf eating caterpillar in cotton and soybean was noticed.

Konkan region

Light rainfall received in Konkan region of Maharashtra state during this week. The maximum and minimum temperature ranged from 27.2 to 29.0 °C and 23.5 to 25.0 °C respectively. Agriculture operations like transplanting of rice, sapota spraying for control of phytophthora and fingermillet transplanting is in progress. Rice in transplanting stage and fingermillet transplanting stage. Low intensity of blue beetle in sapota was noticed.

Andhra Pradesh

Light rain received in Andhra Pradesh state during this week. AP state as whole received 212.9 mm rainfall (-11%) against normal rainfall of 238.9 mm. The total area sown in the state is 15.95 lakh ha (40%) as against the normal kharif sown area of 39.53 lakh ha and this accounts for 99% of normal sown area of 16.19 lakh ha. Agriculture operations like sowing of groundnut and redgram with pre-sowing irrigation and sowing of rice nurseries and transplanting of rice crops are in progress. Early sown crops like maize, groundnut, sesame, cotton, sugarcane, mesta, greengram, blackgram are at vegetative stage. Low intensity of sucking pests in groundnut and sucking pests, pink boll worm in cotton were noticed.

Assam

Light rainfall received in Assam state during this week. Daily average maximum temperature was 29.4°C which was 2.9°C below normal and the average daily minimum temperature was 24.6°C which was 0.6°C below normal for the week. Agriculture operations like transplanting of sali rice in the main field is continued, intercultural operations are going on in summer vegetables and earthing up of sugarcane crops are in progress. Sali rice is in seedling/tillering stage, summer vegetables are at vegetative/flowering/fruiting stage. No major pests and diseases were noticed.

Bihar

Light to Medium rainfall occurred in various parts of the state. In central and south Bihar districts, medium to heavy rainfall was experienced for consecutive two days in Bihar state during this week. Maximum temperature ranged from 30.8 to 32.2°C and the minimum temperature ranged from 22.4 to 27.0 °C. Agriculture operations like transplanting of paddy seedlings in low and medium land areas. Application of urea in spring planted sugarcane and earthing up in autumn planted sugarcane upon application of Furadon @ 33 kg per hectare. Weeding from rice nursery. Sowing of vegetables like Tomato, Bhindi and Brinjal. sowing of arhar, moongbean and urdbean in upland areas. transplanting of chilli, brinjal and cauliflower in raised beds is in progressare. Rice is in early vegetative stage. Long duration rice seedlings are ready for transplanting. Zinger and turmeric in germination stage. Arhar is in germination stage and early vegetative stage. No major pests and diseases were noticed .

Uttar Pradesh

East Uttar Pradesh

Light rainfall received in Eastern Uttar Pradesh region of Uttar Pradesh state during this week. Agriculture operations like transplanting of rice, sowing of maize, pigeonpea urd/moong, weeding in direct seeded and transplanted rice and top dressing of N fertilizer in rice crops are in progress. Rice is in early tillering stage, maize is in knee high stage, sugarcane is grand growth stage. Low intensity of fruit borer in brinjal and bhindi crops was noticed.

Gujarat

Light rainfall received in Gujarat state during this week. The actual maximum temperature is 1.6°C and minimum temperature is 0.4°C lower as compared to normal values. Agriculture operations like weeding and interculturing early sown crops, gap filling and thinning, nursery preparation of tobacco and land preparation/sowing of late kharif crops are in progress. nursery preparation of tobacco. land preparation for late kharif crops are in progress. Sowing of kharif crops. Germination/emergence of sown crops. Seedling stage of timely sown crops. Early sown crops are in vegetative stage. No major pests and diseases were noticed.

Himachal Pradesh

Heavy to very heavy rainfall received in Himachal Pradesh state during this week. The maximum temperature during the week ranged between 24.0 to 29.0°C and minimum temperature ranged between 18.0 to 20.5°C which was above normal by 0.8 to 3.6°C and 0.0 to 0.9°C, respectively Agricultural operation like hand weeding in maize and soybean crops and arrangement of fodder for their cattle and dairy animals are in progress. Rice is in seedling stage, maize is in knee high stage, summer vegetables are in maturity stage, kharif vegetables are in seedling to vegetative stage and soybean is at leaf development stage. No major pests and diseases were noticed.

Kerala

Light rainfall received in Kerala state during this week. The maximum temperature ranges from 28.4 to 30.3 °C and minimum temperature ranges from 22.3 to 23.9 °C. Agricultural operation like drainage in the fields, weeding in paddy field crops are in progress. First paddy crop is in panicle initiation stage. Low intensity of sigatoka in banana, leaf folder in paddy, bud rot in coconut and downy mildew in vegetables was noticed.

Odisha

Light rainfall received in Odisha state during this week. The maximum temperature ranges from 26.7 to 30.0 °C and minimum temperature ranges from 20.4 to 23.4°C.

Agricultural operation like raised wet bed nursery sowing of kharif paddy, incorporation of green manure crop, puddling of main rice field for transplanting of rice, land preparation and transplanting of ragi, plant protection and intercultural operation of maize, intercultural operation of pigeon pea, cotton, groundnut. Intercultural operation and plant protection of jute, plant protection of sugarcane, intercultural operation of tuberose, planting of chrysanthemum and marigold, mango, cashew nut, coconut, papaya, drumstick and land preparation and planting of kharif vegetable crops are in progress. Vegetative stage of green manuring crop. Seedling stage rice in nursery and direct seeded rice sown during 1st July. Seedlings stage of rice sown ready for transplanting. Grand growth stage of sugarcane. Seedling to transplanting stage of ragi. Seedling stage of kharif maize. Seedling stage of arhar. Seedling stage of groundnut and cotton. Fruiting stage of brinjal, okra and cucurbits, cowpea. Vegetative stage of turmeric, zinger, colocasia and yam and vegetative stage of jute. Low intensity of blast in was noticed.

Jammu & Kashmir

Mainly cloudy weather prevailed in Jammu region of Jammu & Kashmir state during this week. The maximum temperature remained normal and ranged from 32.2 to 34.8 °C . While the minimum temperature remained variable and was in the range of 24.0 to 27.4 °C. Kharif season about 85 % for Paddy, 98 % for Maize, 96 % for bajra 68 % for pulses, 108 % of fodder and 100 % of vegetable has been sown. Agricultural operation like hoeing & weeding in maize & bajra in intermediate and temperate region 2.transplanting of basmati and non basmati rice crop under irrigated area 3. earthing up in maize crops are in progress. Early sown maize is at early vegetative stage. Normal sown maize is at 6th leaf stage. Basmati rice is at transplanting stage. Early transplanted Paddy crop is at establishment stage. Kharif mixed fodder is at initial vegetative stage. Low intensity of stem borer in maize was noticed.

Madhya Pradesh

Light rainfall received in Madhya Pradesh state during this week. Agricultural operation like transplanting of rice is going in the field, herbicidal application in direct seeded rice, preparing furrows for removing excess water in soybean, moong, urd and pigeonpea and weeding around fruit trees crop followed by applying fertilizer application are in progress. Rice is in tillering stage, soybean, moong, urd, pigeonpea are at vegetative stage and citrus is at flowering stage. No major pests and diseases were noticed.

Karnataka

North Karnataka

Light rainfall received in North Interior Karnataka during this week. Deficit to scanty rainfall has been received in all the districts except Belagavi, Bagalkote, Haveri and Dharwad districts. Agriculture operations like intercultivation, thinning (removal of weak

and pest or disease affected seedlings) in already sown crops are in progress. All the sown crops are in early seedling stage. Low intensity of sucking pests and powdery mildew in greengram, downey mildew and anthracnose in grapes sucking pests and bacterial blight in pomegranate and fruit rot and leaf curl in tomato was noticed.

South Karnataka

Light rainfall received in South Karnataka during this week. State actual rainfall for 30th week was 50.0 mm as against the normal of 66.0 mm with (-) 24 % deviation. Whereas SIK received 9.0 mm of rainfall as against the normal of 20.0 mm leading to (-) 54 % deviation. Agriculture operations like land preparation for Kharif crops. shortage of rainfall for sowing of kharif crops is noticed in SIK. Redgram, castor has been sown, undertake earthing up operation, apply the recommended top dress fertilizer to redgram and maize crops. Wind speed is high, provide staking support to Banana and vegetable crop to protect from uprooting of crops are in progress. Kharif sown crops are at germination and early vegetative stage. Low intensity of sucking pest in redgram was noticed.

Punjab

Light rainfall received in Punjab state during this week. The maximum temperature during the week ranged between 30.4 to 35.2°C and minimum temperature ranged between 25.0 to 27.8°C. Agricultural operations like field preparation and transplanting of basmati rice crops are in progress. Basmati rice at transplanting stage, paddy is in tillering stage, groundnut is in needle formation stage and cotton is at flowering stage. No major pests and diseases were noticed.

Rajasthan

Heavy rainfall was recorded in Sawaimadhopur (189mm),Kotkasim, Alwar (146 mm), Bharatpur (134 mm), Pilani (132 mm), Bikaner (125.4 mm) on 23rd July 2018 & Baran received 355 mm rainfall on 25th July in Rajasthan state during this week. The maximum temperature ranged from 27.0 to 29.5 C with mean value of 28.2°C which is 0.3 °C above normal by 1.4 °C. The minimum temperature ranged from 21.6 to 23.6°C with mean value of 22.9°C which is 0.9°C below normal value. Agricultural operations like weeding, hoeing in maize and soybean crops are in progress. Soybean, maize, sorghum, pearlmillet, greengram and cowpea are at vegetative stage. No major pests and diseases were noticed.

Uttarakhand

Light rainfall received in Uttarakhand state during the week. Maximum temperatures are above the normal and minimum temperatures are near the normal. Agricultural operations like intercultural operations in kharif crops, picking of tomato, brinjal, okra, beans and harvesting of early temperate fruit crops are in progress. Growth stage in chaiti dhan, barnyard millet, maize, cauliflower, cabbage, flowering stage

capsicum and chilli while fruiting stage in tomato, brinjal in irrigated valleys, fruit stage in summer squash, fruit development/maturity in temperate fruit crops. No major pests and diseases were noticed.

West Bengal

Light rainfall received in West Bengal state during the week. Maximum temperature ranges from 28.0 to 32.5 °C and minimum temperature ranges 25.0 to 27.0°C. Agricultural operations like seedbed and management as well as transplanting is continuing kharif rice, harvesting vegetables like cowpea, brinjal, gourd and cucumber, seedling management and transplanting of kharif vegetables like brinjal, okra, tomato, chilli and harvesting of jute crops are in progress. Kharif rice is in seedling stage, chilli, coriander are at harvesting/maturity stage, jute is in harvesting stage and dhaincha is at branching to flowering stage. Low intensity of semilooper in jute crop was noticed.

Weather during 19th to 25th July 2018

Significant Weather Features

- A low pressure area formed over Northwest Bay of Bengal and adjoining Gangetic West Bengal and Odisha in the beginning of the week and the same has concentrated into a Depression on 21st July 2018 morning. It crossed the coast in the evening of 21st between Balasore and Digha and moved west northwestwards across the central parts of the country. While moving west northwestwards it weakened and its ruminant lay over northwest Madhya Pradesh and adjoining south Uttar Pradesh as a low pressure area at the end of the week. Under the influence of the system, widespread and intense rainfall activity had been reported from Odisha, Gangetic West Bengal, Chhattisgarh, Jharkhand and Madhya Pradesh.

Monsoon Activity

- Southwest monsoon had been vigorous over Odisha on two days and over West Rajasthan and Gujarat Region on one day each during the week.

- It had been active over East Rajasthan on most of the days, over Madhya Pradesh, Jharkhand and Chhattisgarh on three days each; over Haryana, Chandigarh & Delhi, Gujarat Region, Gangetic West Bengal and Coastal Andhra Pradesh on two days each and over West Uttar Pradesh, Bihar, Nagaland, Manipur, Mizoram & Tripura, Vidarbha, Saurashtra & Kutch and Kerala on one day each during the week.

Heavy Rainfall Activity

- Heavy to Very heavy rain with extremely heavy falls at isolated places has occured over Odisha on two days and over Gujarat Region on a day during the week.

- Heavy to very heavy rainfall has occurred over East Rajasthan on four days, over Himachal Pradesh, Gujarat Region and Coastal Karnataka on two days each, over Assam & Meghalaya, Gangetic West Bengal, West Madhya Pradesh, West Uttar Pradesh, Konkan & Goa, Bihar, Haryana, Chandigarh & Delhi, South Interior Karnataka, Odisha, Kerala and Saurashtra & Kutch on one day each during the week.

Temperature

- The highest maximum temperature of 41.6°C was reported at Patna (Bihar) on 20.

Meteorological Analysis

- Last week's Low pressure area over East Madhya Pradesh & adjoining southeast Uttar Pradesh and Chhattisgarh lay over central parts of north Madhya Pradesh & neighbourhood with the associated cyclonic circulation extending upto 4.5 km above mean sea level on 19th

July 2018. The Low pressure area has become less marked whereas the associated cyclonic circulation has merged with monsoon trough on 20th July 2018.

- Last week's the cyclonic circulation over central parts of Pakistan & adjoining Punjab extending upto 1.5 km above mean sea level persisted on 19th July 2018 and has become less marked 20th.

- Last week's cyclonic circulation over south Gujarat and adjoining Northeast Arabian Sea lay over south Gujarat and neighbourhood between 3.1 km & 7.6 km above mean sea level on 19th July 2018. It lay over south east Rajasthan and Gujarat region between 3.1 km & 7.6 km above mean sea level on 20th and has become less marked on 21st July 2018.

- Last week's feeble offshore trough at mean sea level from south Maharashtra coast to Kerala coast ran from Maharashtra coast to north Kerala coast on 19th July 2018.It ran from south Maharashtra coast to north Kerala coast on 20th and from south Gujarat coast to north Kerala coast on 21st.It has become less marked on 22nd.

- Last week's the cyclonic circulation over north interior Tamilnadu & neighbourhood at 7.6 km above mean sea level has become less marked on 19th July 2018.

- A Low pressure area has formed over Northwest Bay of Bengal & neighbourhood with the associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height on 19th July 2018. It lay as a Well Marked Low pressure area over the same area with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height on 20th. It concentrated into a Depression and lay centred at 0830 hours IST of 21st July 2018 over the Northwest Bay of Bengal near latitude 21.0°N and longitude 88.0°E, about 120 km eastsoutheast of Balasore, 90 km south-southeast of Digha and 130 km eastnortheast of Chandbali. ; It crossed the coast between Balasore and Digha in the evening of the same day and lay over southeast Jharkhand and adjoining Gangetic West Bengal & north Odisha at 0830 hours IST of 22nd near latitude 22.6°N and longitude 86.2°E, about 20 km south of Jamshedpur. It moved slightly west northwestwards and weakened into a Well Marked Low pressure area and lay over northwest Jharkhand & neighbourhood with the associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwards with height on 23rd ; It weakened further and lay as a Low pressure area over northwest Madhya Pradesh and adjoining south Uttar Pradesh with the associated cyclonic circulation extending upto 5.8 km above mean sea level on 24th and it lay over central parts of south Uttar Pradesh & neighbourhood whereas the associated cyclonic circulation continued to extend upto 5.8 km above mean sea level on 25th.

- The axis of monsoon trough at mean sea level passed through Anupgarh, Jaipur, Gwalior, centre of low pressure area over central parts of north Madhya Pradesh & neighbourhood, Daltonganj, Jamshedpur, centre of another low pressure area over Northwest Bay of Bengal

& neighbourhood and thence eastsoutheastwards to Eastcentral Bay of Bengal and extended upto 2.1 km above mean sea level on 19th July 2018. It passed through Anupgarh, Sikar, Agra, Gwalior, Allahabad, Daltonganj, Jamshedpur, centre of well marked low pressure area over Northwest Bay of Bengal & adjoining West Bengal and Odisha coasts and thence eastsoutheastwards to Eastcentral Bay of Bengal and extended upto 2.1 km above mean sea level on 20th; passed through Anupgarh, Jaipur, Shivpuri, Tikamgarh, Varanasi, Jamshedpur, centre of depression over Northwest Bay of Bengal and thence southeastwards to Eastcentral Bay of Bengal on 21st; passed through Ganganagar, Narnaul, Gwalior, Sidhi, centre of depression over southeast Jharkhand and adjoining Gangetic West Bengal & north Odisha and thence southeastwards to Eastcentral Bay of Bengal on 22nd; passed through Bikaner, Jaipur, Gwalior, Sidhi, Center of the Well Marked Low pressure area over northwest Jharkhand & neighbourhood, Uluberia and thence eastsoutheastwards to Northeast Bay of Bengal on 23rd; passed through Bikaner, Jaipur, Shivpuri, center of the low pressure area over northwest Madhya Pradesh & adjoining south Uttar Pradesh, Daltonganj, Purulia, Digha and thence eastsoutheastwards to Northeast Bay of Bengal on 24th and passed through Ganganagar, Bhiwani, center of the low pressure area over central parts of south Uttar Pradesh and neighbourhood, Churk, Bankura, Digha and thence eastsoutheastwards to Northeast Bay of Bengal with another branch of it passing from Bankura to West Assam across Sub-Himalayan West Bengal on 25th July 2018.

- A Western Disturbance as a cyclonic circulation lay over northeast Afghanistan & adjoining north Pakistan at 5.8 km above mean sea level on 19th July 2018. It lay as a cyclonic circulation over north Pakistan & neighbourhood at 5.8 km above mean sea level on 20th & 21st and it has become less marked on 22nd July 2018.

- A cyclonic circulation lay over north Madhya Pradesh & neighbourhood and extended upto 1.5 km above mean sea level on 21st July 2018. It lay over south Haryana & neighbourhood and extended upto 1.5 km above mean sea level on 22nd; over northeast Rajasthan and adjoining Haryana at 1.5 km above mean sea level on 23rd.It has merged with the cyclonic circulation associated with the low pressure area over northwest Madhya Pradesh and adjoining south Uttar Pradesh on 24th.

- A cyclonic circulation lay over south Gujarat & neighbourhood and extended between 31. & 5.8km above mean sea level on 21st July 2018 and it has become less marked on 22nd July 2018

- A cyclonic circulation lay over East Uttar Pradesh and extends between 4.5 & 5.8 km above mean sea level on 21st July 2018 and it has become less marked on 22nd.

- A cyclonic circulation lay over northwest Uttar Pradesh at 3.1 km above mean sea level on 22nd t July 2018 and it has become less marked on 23rd.

- A cyclonic circulation lay over northwest Madhya Pradesh and neighbourhood at 3.1 km above mean sea level on 22nd t July 2018 and it has become less marked on 23rd.

- A cyclonic circulation lay over north Rajasthan & neighbourhood at 5.8 km above mean sea level on 22nd July 2018. It lay over central parts of Rajasthan at 5.8 km above mean sea level on 23rd and has merged with the cyclonic circulation associated with the Low pressure area over northwest Madhya Pradesh and adjoining south Uttar Pradesh on 24th July 2018.

- A cyclonic circulation lay over north Pakistan and neighbourhood at 5.8 km above mean sea level on 23rd and it persisted over the same region at the same level on 24th and 25th July 2018.

- A cyclonic circulation at 7.6 km above mean sea level lay over south Konkan and neighbourhood on 24th July 2018 and it has merged with the east west shear zone along Latitude 200 N on 25th July 2018.

- A cyclonic circulation at 5.8 km above mean sea level lay over Southwest Bay of Bengal and adjoining Sri Lanka off south Tamilnadu coast on 24th July 2018 and it has become less marked on 25th.

- A cyclonic circulation lay over northern parts of Bangladesh and adjoining Sub-Himalayan West Bengal between 3.1 km & 5.8 km above mean sea level on 25th July 2018.

- An eastwest shear zone at 7.6 km above mean sea level ran roughly along Lat.20°N across Peninsular India on 25th July 2018.

Average rainfall during the week

The All India area weighted rainfall during the week 66.2 mm was 2% below normal (67.5 mm).

The subdivision-wise weekly rainfall distribution is presented in Fig.1. Rainfall was Large excess in 2, excess in 4, normal in 11, deficit in 13, Large deficit in 6 and no rain in 0 out of 36 meteorological sub-divisions.

Cumulative Seasonal rainfall (1st June to 25th July 2018)

The cumulative seasonal rainfall during 1st June to 25th July 2018 over the country as a whole was 384.7 mm which is 3% below normal rainfall of 395.9 mm.

The subdivision-wise seasonal rainfall distribution is presented in Fig. 2. Rainfall was Large excess in 0, excess in 7, normal in 18, deficit in 11 and L. deficit in 0 and no rain in 0 out of 36 meteorological sub-divisions.

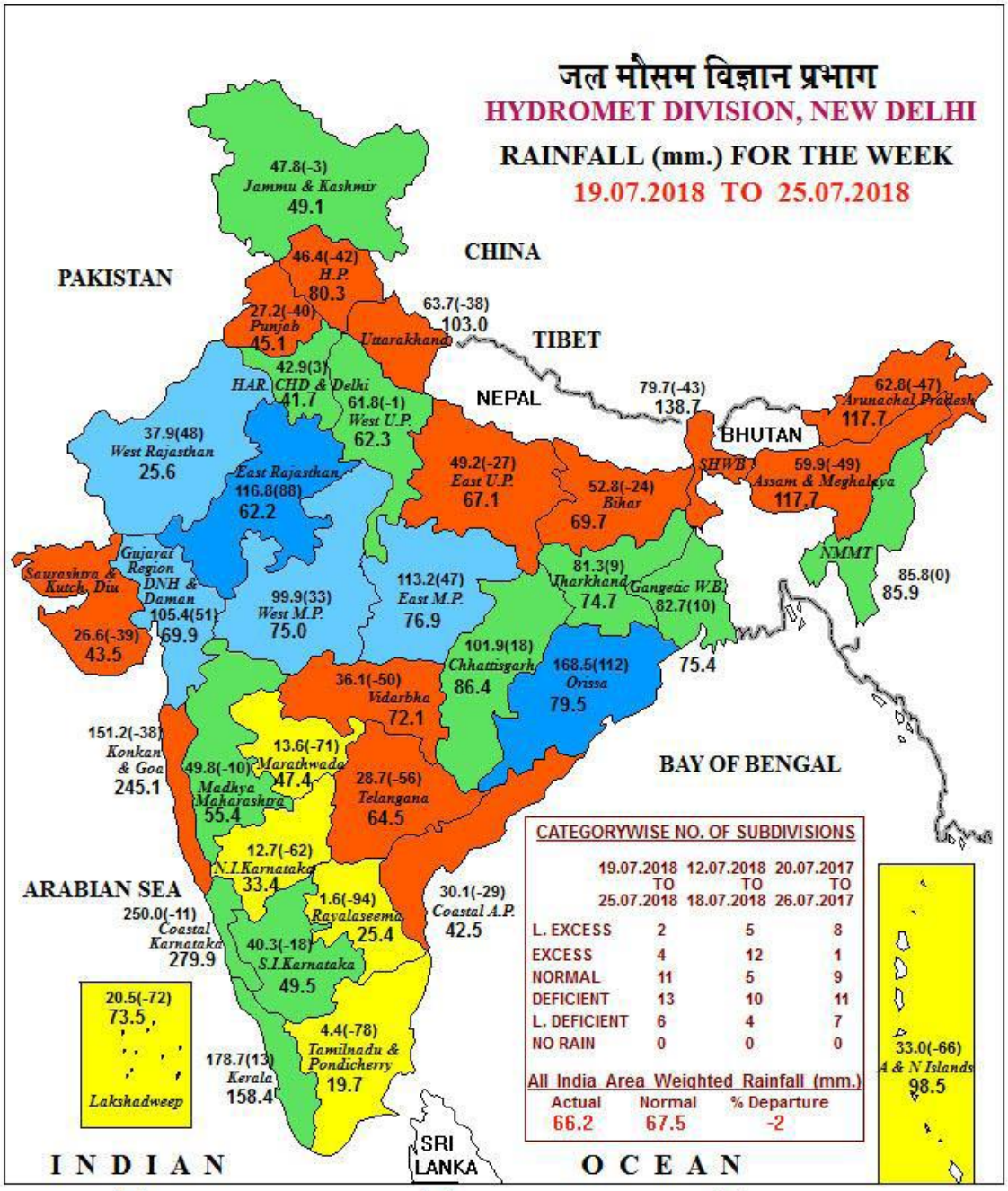
State-wise distribution of rainfall in number of districts with large excess, excess, normal, deficient, large deficient and no rainfall during monsoon season (1st June to 25th July 2018)

In the country, 5% districts received large excess, 20% districts received excess and 36% districts normal rainfall during monsoon season so far. However, 30% districts received deficient, 9% districts received large deficient rainfall and 0% 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 2 Sub-divisions viz.; East Rajasthan and Odisha received large excess rainfall, 4 Sub-divisions viz.; West Rajasthan, Gujarat region, West Madhya Pradesh and East Madhya Pradesh received excess rainfall, 11 Sub-divisions viz.; Jammu & Kashmir, Delhi, Haryana & Chandigarh, West Uttar Pradesh, Nagaland Manipur, Mizoram and Tripura, Gangetic West Bengal, Jharkhand, Chhattisgarh, Madhya Maharashtra, Coastal Karnataka South Interior Karnataka and Kerala received normal rainfall and remaining 19 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

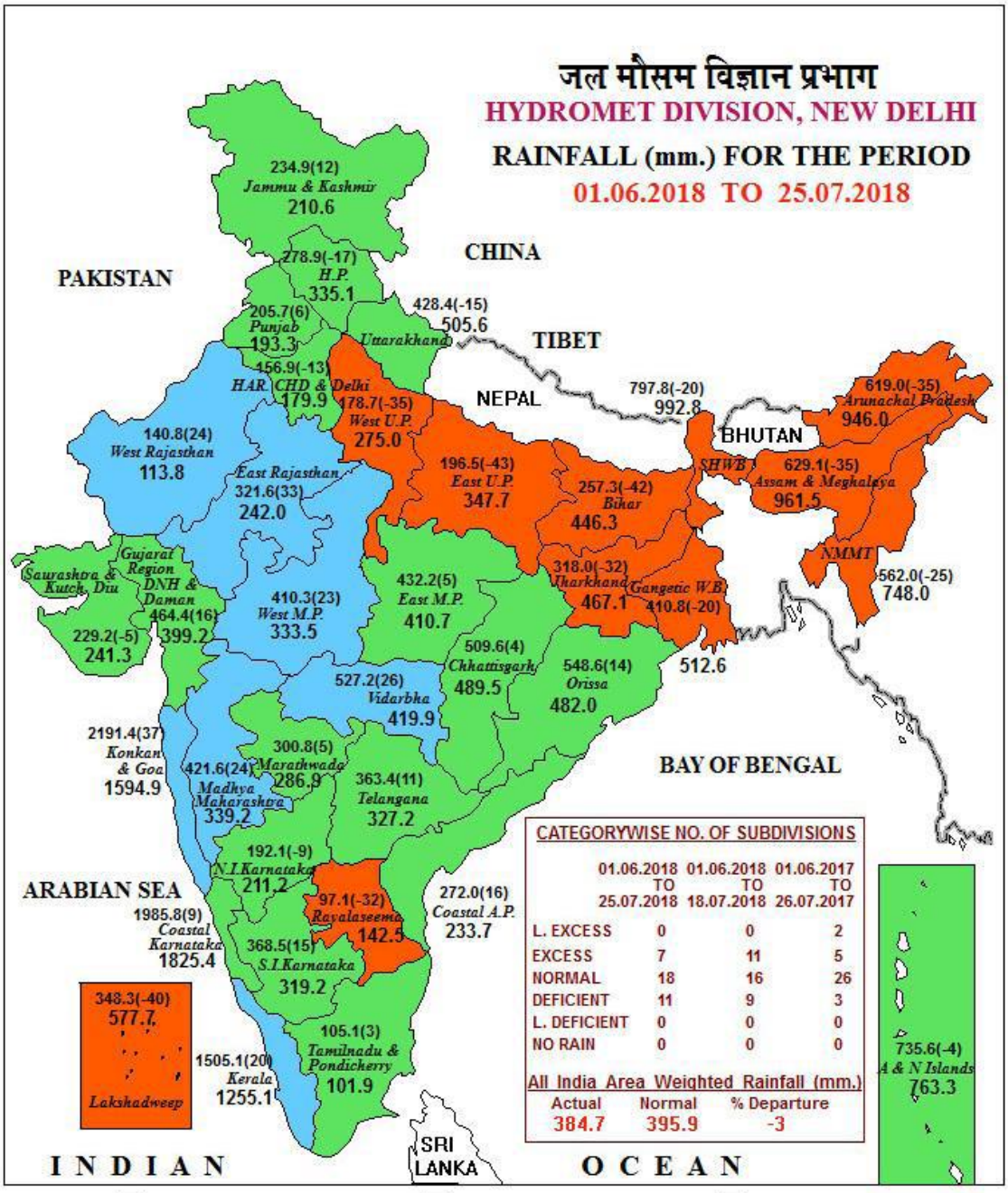


Fig-2

Table 1. State wise distribution of number of districts with large excess, excess, normal, deficient, large deficient, no rainfall and data inadequate shown (01.06.2018 to 25.07.2018)

S.NO.	STATES	PERIOD FROM : 01.06.2018 TO 25.07.2018							
		LE	E	N	D	LD	NR	ND	TOTAL
1.	A & N ISLAND (UT)	0	0	3	0	0	0	0	3
2.	ARUNACHAL PRADESH	1	0	1	7	4	0	3	16
3.	ASSAM	0	1	9	15	1	0	1	27
4.	MEGHALAYA	0	0	2	4	0	0	1	7
5.	NAGALAND	0	1	2	0	3	0	5	11
6.	MANIPUR	0	1	0	2	2	0	4	9
7.	MIZORAM	1	1	2	0	1	0	4	9
8.	TRIPURA	0	0	3	1	0	0	0	4
9.	SIKKIM	0	1	2	1	0	0	0	4
10.	WEST BENGAL	0	0	7	11	1	0	0	19
11.	ODISHA	1	14	13	2	0	0	0	30
12.	JHARKHAND	0	0	6	14	4	0	0	24
13.	BIHAR	0	0	5	21	12	0	0	38
14.	UTTAR PRADESH	0	3	10	37	22	0	0	72
15.	UTTARAKHAND	1	1	4	6	1	0	0	13
16.	HARYANA	0	4	8	8	1	0	0	21
17.	CHANDIGARH (UT)	0	0	1	0	0	0	0	1
18.	DELHI	0	1	2	6	0	0	0	9
19.	PUNJAB	0	10	5	5	0	0	0	20
20.	HIMACHAL PRADESH	0	1	7	4	0	0	0	12
21.	JAMMU & KASHMIR	5	6	6	2	0	0	3	22
22.	RAJASTHAN	6	13	12	2	0	0	0	33
23.	MADHYA PRADESH	1	22	25	3	0	0	0	51
24.	GUJARAT	5	7	12	8	1	0	0	33
25.	DADRA & NAGAR HAVELI (UT)	1	0	0	0	0	0	0	1
26.	DAMAN & DIU (UT)	1	1	0	0	0	0	0	2
27.	GOA	0	0	2	0	0	0	0	2
28.	MAHARASHTRA	4	16	15	1	0	0	0	36
29.	CHHATISGARH	3	3	17	3	1	0	0	27
30.	ANDHRA PRADESH	1	2	5	4	1	0	0	13
31.	TELANGANA	0	10	16	5	0	0	0	31
32.	TAMILNADU	3	1	13	14	1	0	0	32
33.	PUDUCHERRY (UT)	0	0	2	0	0	0	2	4
34.	KARNATAKA	1	5	13	11	0	0	0	30
35.	KERALA	0	6	8	0	0	0	0	14
36.	LAKSHADWEEP (UT)	0	0	0	1	0	0	0	1
TOTAL		**35**	**131**	**238**	**198**	**56**	**0**	**23**	**681**
CATEGORYWISE DISTRIBUTION OF DISTRICTS OUT OF THE 658 WHOSE DATA RECEIVED		**5%**	**20%**	**36%**	**30%**	**9%**	**0%**		

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

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

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:	