

F. No. 3-1/ 2020-21-CFCC-ES
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS' WELFARE
DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS' WELFARE
(CROP FORECAST COORDINATION CENTRE)

Room No. 443, Krishi Bhawan, New Delhi
Dated: 20.07.2020

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP
HELD ON 17.07.2020.**

Summary

- **All-India level rainfall during the week**, 09 July to 15 July 2020, has been 1% higher than the Long Period Average (LPA). Among the four broad geographical divisions of the country, against the LPA the rainfall has been:
 - Higher by 51% in East and North East India,
 - Higher by 36% in South Peninsula, and
 - Lower by 43% in North West India,
 - Lower by 19% in Central India.
- **Cumulative rainfall during Monsoon season**, 01 June to 15 July 2020, has been 10% higher than LPA. Among the four broad geographical divisions, seen against the LPA the rainfall has been:
 - Higher by 16% in Central India,
 - Higher by 15% in South Peninsula,
 - Higher by 14% in East & North East India and
 - Lower by 14% in North West India.
- Out of 36 MET sub-divisions in the country, rainfall received has been:
 - Large excess/ excess in 12 MET sub-divisions constituting 35% of total area
 - Normal in 17 MET sub-divisions constituting 43% of total area, and
 - Deficient/large deficient in 07 MET sub-divisions constituting 22% of total area.
- Central Water Commission (CWC) monitors 123 major reservoirs in the country which have total live storage capacity of 171.09 Billion Cubic Meters (BCM) at Full Reservoir Level (FRL).
 - Out of these, 99 reservoirs with FRL capacity of 126.45 BCM have irrigation potential.
 - Live storage in 123 major reservoirs as on 16 July 2020 was 61.71 BCM, which is:
 - 150% of last year's storage on the same day (16 July 2019) of 41.12 BCM.
 - 133% of last 10 year's average storage (normal) of 46.43 BCM.
- As per latest information, **around 64.6% of the normal area** under Kharif crops has been sown upto 17.07.2020. Total area sown under Kharif reported at 691.86 lakh hectares as compared to 570.86 lakh hectares during the same period last year.
- **Inflation (WPI Food Index) has increased from 2.31% in May 2020 to 3.05% in June 2020.**
Status of change of WPI in June 2020 over May 2020 for some major items is as under.
 - Primary Articles: increased from -2.92% to -1.21%.
 - Food Articles: increased from 1.13% to 2.04%.

- Non-food Articles: increased from -3.53% to -2.80%.
- Pulses: declined from 11.91% to 10.10%.
- Cereals: increased from 1.97% to 2.72%.
- Wheat: declined from 6.04% to 5.17%.
- Paddy: increased from 1.21% to 4.48%.
- Fruits and Vegetables: increased from -6.96% to -4.50%.
- Milk: declined from 5.44% to 4.05%.

- All-India **progressive procurement** as on 17 July 2020

- Rice for Kharif Marketing Season 2019-20 is 504.21 lakh tones (against 438.87 lakh tones procured in the corresponding period of last year).
- Wheat for Rabi Marketing Season 2020-21 is 389.73 lakh tonnes (against 347.82 lakh tones procured in the corresponding period of last year).

I. MONSOON STATUS: Monsoon Season (June-September) during the week ending 15 July 2020

1.1 Rainfall

- **Rainfall during the week (09 July 2020 to 15 July 2020):** Rainfall was large excess/excess in 14 met sub-divisions, normal in 10 sub-division and deficient/large deficient in 12 sub-division out of 36 met sub-divisions. (Sub-Division wise weekly and seasonal rainfall distribution is in Annex-I).
- **Cumulative rainfall (01 June 2020 to 15 July 2020):** Rainfall was large excess/excess in 12 met sub-divisions, normal in 17 met sub-divisions and deficient/large deficient in 07 sub-divisions out of 36 met sub-divisions. (Sub-division wise seasonal rainfall distribution is in Annex-II).

Table 1.1: Weekly and Cumulative Rainfall in four regions of the country:

Region of India	Week Ending (15.07.2020)				Cumulative (01.06.20 to 15.07.2020)			
	(in mm)		Deviation (%)	Category	(in mm)		Deviation (%)	Category
	Actual	Normal			Actual	Normal		
North-West	28.9	50.8	-43	D	143.1	167.2	-14	N
Central	54.2	67.2	-19	N	367.4	315.7	16	N
South Peninsular	64.6	47.6	36	E	297.7	259.7	15	N
East & North-East	153.9	101.6	51	E	643.9	562.5	14	N
Country as a whole	64.4	63.8	1	N	328.9	298.3	10	N

LE: Large Excess, E: Excess, N: Normal, D: Deficient, LD: Large Deficient, NR: No Rain.

Source: India Meteorological Department, New Delhi

Table1.2: Category-wise Comparative Distribution of Sub-Division (Cumulative Rainfall) and All-India Percentage Rainfall Departure for last 5 years since 01 June to 15 July 2020

No. of Sub-Divisions with rainfall	For the period from 1 June to					
	15 JULY 2015	13 JULY 2016	12 JULY 2017	18 JULY 2018	17 JULY 2019	15 JULY 2020
Large Excess	-	-	02	00	00	02
Excess	04	11	05	11	01	10
Normal	20	19	24	16	16	17
Total	24	30	31	27	17	29
Deficient	12	06	05	09	18	06
Large Deficient	-	-	00	00	01	01
Scanty	00	00	-	-	-	-
No rain	00	00	00	00	00	00
Total	12	06	05	09	19	07
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 6%	4%	(-) 1%	(-) 3%	(-) 16%	10%

Source: IMD

1.2 Weather Forecast for the Next two Weeks

Week-1: 16 – 22 July 2020

- Under the influence of strong lower level wind convergence along south Gujarat and North Konkan and east-west shear zone in midtropospheric levels, fairly widespread to widespread rainfall very likely over Gujarat State and Konkan & Goa during next 2 days with heavy to very heavy falls at isolated places very likely over Konkan & Goa on today, the 16th July; over Saurashtra & Kutch on 16th-17th July. Isolated Extremely heavy falls also very likely over Gujarat Region on today, 16th July. Rainfall intensity very likely to decrease thereafter.
- Under the influence of strengthening of lower level easterlies over northwest India and the Monsoon trough, Fairly widespread rainfall with isolated heavy falls is likely over the plains of Northwest India during 17-20 July, 2020 with maximum intensity and distribution of rainfall on 18th to 20th July.
- There has been a Model consensus of shifting of eastern end of the monsoon trough close to the foothills of the Himalayas from 19 July and under its impact, fairly widespread to widespread rainfall with isolated heavy to very heavy falls is likely over Northeast & adjoining East India with from 19th July onwards. Isolated Extremely heavy falls also very likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya on 20th and 21st July.
- **Significant rainfall with daily rainfall amounts exceeding 20.45 cm very likely over Arunachal Pradesh, Assam, Meghalaya, sub-Himalayan west Bengal, Nagaland lead to Flood situations during 20 and 21 July. (Sub-division wise weekly rainfall Forecast for week 16-22 July, 2020 is given in Annex-III).**
- **Cumulative Rainfall for the week :Normal to above normal rainfall** activity over north-eastern parts of India and Indo-Gangetic plains and interior parts of Peninsula India. Deficient rainfall likely over eastern parts of central India. Near normal rainfall over remaining parts of the country.

Week-2: 23 - 29 July 2020

- **Cumulative Rainfall for the Week:** Due to no low pressure system likely to form over Bay of Bengal and Monsoon trough likely to be north of its normal position or near normal position, East central India continue to get below normal rainfall during the week. Deficient rainfall also likely over Konkan areas. It would be Normal to rainfall over rest parts of country.

Maximum Temperatures

- **During week-1 (16 - 22 July 2020):**-Most parts of India likely to have above normal maximum temperature during the week except north-eastern parts of India and parts of south eastern peninsula India.
- **During week-2 (23 - 29 July 2020):**-Most parts of India is expected to have normal to below normal maximum temperature except western parts of plains of Northwest India where. It is likely to be above normal by 1-3 degree C over these latter areas.

II. Reservoir Status (For the week ending on 16 July 2020)

- **Central Water Commission** monitors the live storage capacity of **123** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **171.09** BCM, which is about **66.36%** of total reservoir capacity of **257.81** BCM in the country.
- **Live Storage** in 123 major reservoirs increased to 61.71 BCM from the previous week's level of 57.99 BCM. Current year's storage position is higher than last year's storage position of 41.12 BCM and the average of last 10 year's storage position of 46.43 BCM.

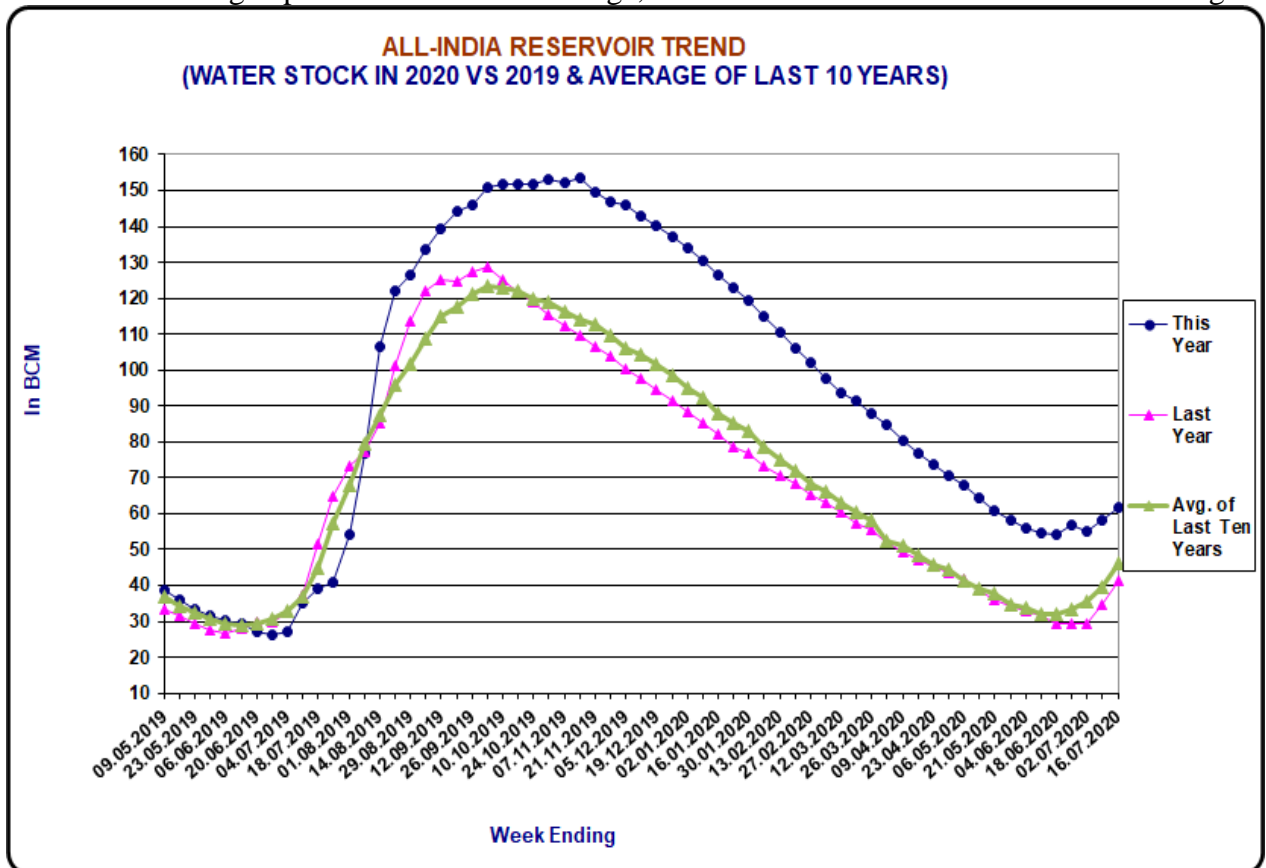
Table 2.1: For 123 major reservoirs of the country

Period	Storage as % of FRL	Storage as % of Last Year	Storage as % of 10 Year's Average Level
Current Week	36	150	133
Last Week	34	167	146

The percentage to live capacity at FRL was 24% on 16-07-2019, 29% on 16-07-2018, 25% on 16-07-2017 and 31% on 16-07-2016.

Source: CWC

- There were 95 reservoirs with more than 80% of normal storage, 17 reservoirs with storage between 51% to 80%, 06 reservoir with storage between 31% to 50% and 05 reservoirs with storage upto 30% of Normal Storage, out of which 04 reservoirs had no live storage.



Source: Central Water Commission

- **State-wise details (Reservoir Position)** are given in Annex IV.

III. Fertilizer Position:

Table 3.1: Requirement, Receipt, Availability, Sales and Stock position of Major Fertilizers (UREA, DAP, MOP, Complex and SSP) during Kharif 2020 (As on 17.07.2020)

(in '000 tonnes)

Availability/Sale/Closing Stock	Urea	DAP	MOP	Complex	SSP
Opening Stock as on 01.04.2020	613	799	232	1,084	130
Requirement for April 2020 to Sept 2020	16,688	5,161	2,022	5,295	2,642
Estimated Requirement during July 2020	3553	911	436	1126	496
Cumulative Receipt upto 17.07.2020	8797	2723	705	2700	1535
Cumulative Availability upto 17.07.2020	9410	3522	937	3784	1665
Cumulative Sales upto 17.07.2020	9065	3049	761	3097	1555
Closing Stock as on 17.07.2020	345	473	176	687	110

Source: Fertilizer Division (DAC&FW)/Department of Fertilizer

IV. Pest & Diseases:

- **Locust:** No reports regarding crop damage in locust-affected States of Madhya Pradesh, Rajasthan, Chhattisgarh, Punjab, Gujarat and Uttar Pradesh received during this week. In these states at 1384 No. of Locust controlling Spots, 290400 Ha area has been Intensively Surveyed, 176055 Ha. area has been treated.
- **Fall Army Worm** reported at Trace to moderate intensity in 180 hectare area on Maize in Deoria and Kushinagar districts of Uttar Pradesh.
- Overall intensity of pests and diseases remained below Economic Threshold Level.

V. Seeds Position:

- There is no deficiency of seeds for Kharif-2020, except Soyabean seed.
- To minimize seed deficiency of Soyabean
 - Seed position is monitored regularly by Seed Division, DAC&FW through Video Conference and efforts have been made to minimize the shortfall by coordinating between the states having any surplus quantity and the states having deficiency. Recently Maharashtra has shown surplus of 10000 quintals and Seed Hubs of ICAR have 1800 quintals of seed available with them.
 - Reduction in standard of germination has been done from 70% to 65% and then 65% to 60% again in case of soybean for Kharif-2020.
 - Seed producing agencies permitted to take up seed production from Certified Seed Stage-I to Certified Seed Stage-II (upto four generation from Breeder Seed) for Kharif-2020 season so that same situation should not arise for soybean in future.

VI. All India Crop Situation

Table - 6

All India Crop Situation - Kharif (2020-21) as on 17.07.2020					
(In lakh ha.)					
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Absolute Change
		This Year 2020	% of Normal for whole season	Last Year 2019	
Rice	397.29	168.47	42.4	142.06	26.4
Jowar	20.56	9.85	47.9	9.10	0.8
Bajra	72.98	37.03	50.7	32.35	4.7
Maize	74.70	64.29	86.1	58.25	6.0
Total Coarse Cereals	184.85	115.60	62.5	103.00	12.6
Total Cereals	582.14	284.07	48.8	245.06	39.0
Tur	44.29	30.84	69.6	22.39	8.5
Urad	35.53	25.43	71.6	17.77	7.7
Moong	30.49	20.98	68.8	16.10	4.9
Kulthi	2.13	0.03	1.5	0.05	0.0
Others	16.45	4.37	26.6	5.39	-1.0
Total Pulses	128.88	81.66	63.4	61.70	20.0
Total Foodgrains	711.03	365.73	51.4	306.76	59.0
Groundnut	41.41	37.62	90.9	24.02	13.6
Soyabean	110.32	109.95	99.7	79.40	30.6
Sunflower	1.64	0.62	37.9	0.45	0.2
Sesamum	16.73	6.15	36.8	5.44	0.7
Nigerseed	2.23	0.24	10.6	0.30	-0.1
Castorseed	9.07	0.38	4.2	0.47	-0.1
Total Oilseeds	181.39	154.95	85.42	110.09	44.9
Cotton	122.27	113.01	92.4	96.35	16.7
Sugarcane	48.46	51.29	105.8	50.82	0.5
Jute & Mesta	7.60	6.88	90.5	6.84	0.0
All- Crops	1070.75	691.86	64.6	570.86	121.0

Source: Crops & TMOP Divisions, DAC&FW

VII. Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Table - 7

Period / Commodities	Weight	Inflation (year on year)		
		June-2020	May-2020	June-2019
All Commodities	100	-1.81	-3.21	2.02
Primary Articles	22.62	-1.21	-2.92	6.42
(a) Food Articles	15.26	2.04	1.13	7.33
Cereals	2.82	2.72	1.97	7.93
Paddy	1.43	4.48	1.21	2.92
Wheat	1.03	5.17	6.04	5.38
Pulses	0.64	10.10	11.91	23.06
Gram	0.26	-1.84	-1.30	20.48
Arhar	0.13	6.09	9.12	32.07
Moong	0.07	29.87	36.97	20.64
Masur	0.05	13.13	11.71	16.38
Urad	0.09	38.91	43.35	24.74
Vegetables	1.87	-9.21	-12.48	24.83
Potato	0.28	56.20	52.25	-24.27
Onion	0.16	-15.27	6.26	16.63
Fruits	1.60	2.31	0.46	1.87
Milk	4.44	4.05	5.44	2.11
Egg, Meat & Fish	2.40	4.45	1.94	5.64
(b) Non-Food Articles	4.12	-2.80	-3.53	5.06
Oilseeds	1.12	3.20	3.79	9.25

VIII. Progressive Procurement as on 17 July 2020

Table 8.1: Rice

(in lakh tonnes)

State	Target in Marketing season 2019-20 (October– September)	Progressive Procurement as on 17.07.2020	
		In Marketing season 2019-2020	In Marketing season 2018-2019
Andhra Pradesh	61.92	53.18	47.01
Telangana	91.62	74.56	51.86
Bihar	12.00	13.41	9.49
Chhattisgarh	48.00	46.56	40.20
Haryana	40.00	43.03	39.42
Kerala	4.50	4.75	4.65
Madhya Pradesh	14.00	17.40	14.62
Maharashtra	12.70	11.23	5.72
Odisha	43.50	47.28	43.83
Punjab	114.00	108.76	113.34
Tamil Nadu	13.44	18.33	12.21
Uttar Pradesh	33.00	37.90	32.33
Uttarakhand	5.00	6.82	4.62
West Bengal	26.00	16.18	16.91
All-India	527.60	504.21	438.87

Table 8.2: Wheat

(in lakh tonnes)

State	Target in Marketing season 2020-21 (April– March)	Progressive Procurement as on 17.07.2020	
		In Marketing season 2020-2021	In Marketing season 2019-2020
Bihar	2.00	0.05	0.03
Gujarat	1.25	0.73	0.05
Haryana	95.00	73.98	93.21
Himachal Pradesh	0.33	0.03	0.01
Madhya Pradesh	130.00	129.35	73.70
Punjab	135.00	127.12	129.12
Rajasthan	21.74	22.20	14.11
Uttar Pradesh	55.00	35.77	37.04
Uttarakhand	2.00	0.38	0.42
All-India	442.49	389.73	347.82

MONSOON SEASON RAINFALL DATA - 2020 (JUNE - SEPTEMBER)										Annex-I
(WEEKLY)										
(Rainfall Actual / Normal in Cms)										
S.No.	Meteorological sub-divisions	W-1 04.06.2020 to 10.06.2020	W-2 11.06.2020 to 17.06.2020	W-3 18.06.2020 to 24.06.2020	W-4 25.06.2020 to 01.07.2020	W-5 02.07.2020 to 08.07.2020	W-6 09.07.2020 to 15.07.2020	W-7	W-8	W-9
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	A & N Islands	26.80 / 10.72	6.62 / 9.17	7.81 / 9.48	8.35 / 8.84	8.30 / 8.39	8.52 / 8.98			
2	Arunachal Pradesh	9.23 / 10.07	9.32 / 11.51	13.70 / 12.74	14.53 / 13.47	8.98 / 12.05	20.45 / 11.89			
3	Assam & Meghalaya	10.42 / 10.54	9.76 / 12.68	12.60 / 12.64	26.05 / 11.99	9.97 / 14.00	26.60 / 12.88			
4	Naga,Mani.,Mizo.& Tripura	6.08 / 9.26	7.15 / 9.73	6.65 / 10.02	4.64 / 8.88	6.76 / 8.38	9.12 / 9.24			
5	Sub-Himalayan. WB & Sikkim	11.13 / 9.41	14.40 / 11.58	15.66 / 12.73	28.36 / 13.15	17.45 / 14.82	26.31 / 14.67			
6	Gangetic West Bengal	3.13 / 5.16	8.69 / 5.36	6.43 / 7.33	6.66 / 7.56	4.57 / 7.71	7.33 / 7.67			
7	Odisha	3.06 / 3.14	7.98 / 5.36	7.86 / 6.29	5.01 / 6.91	6.48 / 7.23	6.65 / 7.07			
8	Jharkhand	1.15 / 2.91	7.16 / 4.26	6.22 / 6.06	4.33 / 7.07	6.33 / 6.75	6.88 / 7.66			
9	Bihar	5.23 / 2.80	4.58 / 3.53	7.90 / 4.57	12.96 / 6.50	7.18 / 7.37	13.08 / 8.89			
10	East U.P.	2.66 / 1.54	3.11 / 1.91	7.20 / 3.04	7.23 / 4.66	8.18 / 5.15	6.63 / 7.69			
11	West U.P.	0.53 / 1.09	0.54 / 1.30	1.54 / 1.98	2.14 / 3.48	3.95 / 4.27	3.30 / 6.28			
12	Uttarakhand	1.78 / 2.83	2.52 / 3.66	5.26 / 4.99	3.39 / 6.36	11.50 / 7.86	5.24 / 9.53			
13	Haryana,Chd.,and Delhi	1.14 / 0.66	0.37 / 1.00	0.95 / 1.42	1.00 / 1.89	3.05 / 2.60	3.56 / 4.27			
14	Punjab	2.00 / 0.63	0.18 / 1.21	0.86 / 1.37	1.37 / 2.09	2.92 / 3.16	6.26 / 4.29			
15	Himachal Pradesh	2.08 / 1.57	0.34 / 2.28	2.00 / 2.58	1.57 / 3.71	5.02 / 4.68	2.74 / 6.42			
16	Jammu & Kashmir	1.40 / 1.19	0.42 / 1.91	1.20 / 1.75	1.06 / 2.34	1.20 / 3.04	0.70 / 4.39			
17	West Rajasthan	0.99 / 0.52	0.81 / 0.81	0.29 / 1.08	0.91 / 1.30	1.71 / 1.87	1.28 / 2.21			
18	East Rajasthan	1.13 / 0.70	1.73 / 1.30	1.80 / 1.80	2.49 / 3.01	2.85 / 3.90	2.25 / 4.90			
19	West Madhya Pradesh	6.11 / 1.32	4.50 / 2.30	6.33 / 2.99	4.59 / 4.47	5.17 / 5.70	1.85 / 5.94			
20	East Madhya Pradesh	5.23 / 1.33	5.10 / 2.65	5.98 / 4.73	5.31 / 6.33	6.39 / 7.27	4.05 / 7.25			
21	Gujarat Region	2.65 / 1.68	6.47 / 2.90	0.33 / 3.61	1.50 / 6.38	4.26 / 7.56	4.39 / 7.10			
22	Saurashtra, Kutch & Diu	4.69 / 0.92	3.35 / 1.87	3.44 / 3.08	1.82 / 3.78	19.51 / 4.64	4.28 / 3.45			
23	Konkan & Goa	16.23 / 9.72	25.14 / 17.25	18.07 / 20.06	8.56 / 23.63	42.14 / 25.36	26.66 / 21.13			
24	Madhya Maharashtra	5.32 / 3.10	6.97 / 3.78	2.26 / 3.79	6.04 / 4.91	5.07 / 5.52	4.19 / 5.10			
25	Marathwada	0.94 / 2.59	8.55 / 3.76	2.34 / 3.39	7.77 / 3.94	3.19 / 3.79	5.16 / 3.50			
26	Vidarbha	2.07 / 1.78	8.06 / 4.28	2.54 / 5.00	4.36 / 6.64	6.81 / 6.32	6.43 / 7.04			
27	Chhattisgarh	1.66 / 1.86	10.06 / 4.45	12.37 / 5.02	3.58 / 7.80	8.45 / 8.18	6.51 / 8.17			
28	Coastal Andhra Pradesh	1.83 / 1.98	4.87 / 3.11	1.97 / 2.37	2.68 / 2.84	5.02 / 3.30	9.22 / 3.12			
29	Telangana	0.92 / 2.16	7.64 / 3.64	2.71 / 3.43	3.41 / 3.94	6.80 / 4.47	7.91 / 4.98			
30	Rayalseema	0.09 / 1.86	2.60 / 2.17	1.46 / 1.43	7.14 / 1.14	1.52 / 1.61	7.76 / 2.13			
31	Tamil Nadu & Pondicherry	0.67 / 1.41	0.66 / 1.32	0.94 / 1.18	1.61 / 1.02	1.76 / 1.39	4.23 / 1.70			
32	Coastal Karnataka	10.82 / 15.22	32.78 / 22.71	18.45 / 24.00	10.52 / 25.38	34.08 / 24.38	21.17 / 25.04			
33	North Interior karnataka	0.80 / 2.58	4.18 / 2.77	1.70 / 2.25	4.34 / 2.58	3.17 / 2.37	4.50 / 2.71			
34	South Interior Karnataka	1.91 / 2.87	4.08 / 3.59	2.19 / 3.55	4.91 / 3.87	4.91 / 4.65	3.31 / 4.77			
35	Kerala	10.23 / 14.52	13.20 / 17.04	11.53 / 15.55	11.21 / 16.46	16.70 / 17.45	4.77 / 16.31			
36	Lakshadweep	5.27 / 9.25	3.01 / 7.48	6.33 / 7.69	9.96 / 6.21	5.28 / 7.70	9.48 / 7.25			
	All-India	3.26 / 2.84	5.16 / 3.94	4.72 / 4.50	5.34 / 5.38	6.37 / 5.95	6.44 / 6.38			
Note:-		- Deficient Rainfall (-20% to -59% of Long Period Average, LPA)								
		- Large Deficient rainfall (-60% to -99% of LPA)								
		- Excess rainfall (+20% to +59% of LPA)								
		- Large Excess rainfall (+60% or More of LPA)								
		- No Rain (-100%)								
	Source: India Meteorological Department (IMD)									

MONSOON SEASON RAINFALL DATA - 2020 (JUNE TO SEPTEMBER)								Annex-II
(CUMULATIVE WEEKLY)								
Sl. No.	Meteorological sub-divisions	Percentage departure of Rainfall from Normal (Cumulative weekly) since 1st June 2020 to						
		10.06.2020	17.06.2020	24.06.2020	01.07.2020	08.07.2020	15.07.2020	
1	A & N Islands	LE (89)	E (45)	E (27)	E (21)	N (17)	N (14)	
2	Arunachal Pradesh	N (-1)	N (-5)	N (-1)	N (4)	N (-2)	N (10)	
3	Assam & Meghalaya	N (15)	N (-3)	N (-2)	E (26)	N (14)	E (29)	
4	Naga.,Mani.,Mizo.& Tripura	D (-33)	D (-30)	D (-31)	D (-36)	D (-33)	D (-28)	
5	Sub-Himalayan. WB & Sikkim	N (13)	N (18)	N (18)	E (44)	E (38)	E (46)	
6	Gangetic West Bengal	N (-9)	E (23)	N (14)	N (7)	N (-3)	N (-4)	
7	Odisha	N (15)	E (35)	E (33)	N (14)	N (8)	N (5)	
8	Jharkhand	D (-21)	E (23)	N (15)	N (-2)	N (-3)	N (-4)	
9	Bihar	LE (70)	E (49)	E (59)	LE (74)	E (51)	E (50)	
10	East U.P.	LE (65)	LE (64)	LE (96)	LE (79)	LE (73)	E (45)	
11	West U.P.	D (-28)	D (-43)	D (-34)	D (-36)	D (-26)	D (-33)	
12	Uttarakhand	N (1)	N (-15)	N (-7)	D (-20)	N (-1)	N (-12)	
13	Haryana,Chd.,and Delhi	LE (203)	E (56)	N (17)	N (-7)	N (1)	N (-5)	
14	Punjab	LE (254)	E (44)	N (10)	N (-7)	N (-7)	N (10)	
15	Himachal Pradesh	E (52)	D (-23)	D (-23)	D (-35)	D (-22)	D (-33)	
16	Jammu & Kashmir	E (21)	D (-31)	D (-31)	D (-38)	D (-44)	LD (-63)	
17	West Rajasthan	LE (137)	LE (64)	N (7)	N (-5)	N (-6)	N (-16)	
18	East Rajasthan	LE (66)	E (48)	E (27)	N (8)	N (-4)	D (-20)	
19	West Madhya Pradesh	LE (258)	LE (162)	LE (125)	LE (77)	E (48)	N (18)	
20	East Madhya Pradesh	LE (289)	LE (172)	LE (94)	E (48)	E (29)	N (11)	
21	Gujarat Region	E (40)	LE (89)	N (12)	D (-26)	D (-32)	D (-33)	
22	Saurashtra, Kutch & Diu	LE (308)	LE (168)	LE (90)	E (36)	LE (128)	LE (107)	
23	Konkan & Goa	LE (78)	E (59)	E (31)	N (0)	N (17)	N (19)	
24	Madhya Maharashtra	LE (117)	LE (101)	E (55)	E (45)	E (32)	E (22)	
25	Marathawada	E (33)	LE (84)	E (46)	LE (60)	E (44)	E (45)	
26	Vidarbha	E (44)	LE (74)	E (20)	N (0)	N (2)	N (0)	
27	Chhattisgarh	E (23)	LE (92)	LE (98)	E (40)	E (30)	N (19)	
28	Coastal Andhra Pradesh	N (13)	E (37)	E (21)	N (14)	E (23)	E (54)	
29	Telangana	E (50)	LE (84)	E (47)	E (30)	E (35)	E (40)	
30	Rayalseema	D (-22)	N (-2)	N (-1)	LE (62)	LE (66)	LE (104)	
31	Tamil Nadu & Pondicherry	D (-49)	D (-49)	D (-42)	N (13)	N (15)	E (42)	
32	Coastal Karnataka	N (1)	E (25)	N (7)	N (-11)	N (-1)	N (-3)	
33	North Interior Karnataka	N (15)	E (30)	N (15)	E (26)	E (27)	E (33)	
34	South Interior Karnataka	N (-12)	N (1)	N (-12)	N (-2)	N (0)	N (-7)	
35	Kerala	N (0)	N (-11)	N (-15)	D (-20)	N (-16)	D (-25)	
36	Lakshadweep	D (-23)	D (-37)	D (-31)	N (-15)	N (-18)	N (-10)	
	All-India	E (32)	E (32)	E (22)	N (15)	N (13)	N (10)	
Note:-		- Deficient Rainfall (-20% to -59% of long period average, LPA)						
		- Large Deficient rainfall (-60% to -99%) of LPA)						
		- Excess rainfall (+20% to +59% of LPA)						
		- Large Excess rainfall (+60% or More of LPA)						
		NR - No Rain (-100%)						
	Source: India Meteorological Department (IMD)							

Sub-division wise weekly rainfall Forecast for week 16-22 July, 2020 for 36 Met Sub-Divisions:

METEOROLOGICAL SUB-DIVISIONWISE WEEKLY RAINFALL FORECAST & Wx. WARNINGS-2020								
Sr. No	MET.SUB-DIVISIONS	16 JUL	17 JUL	18 JUL	19 JUL	20 JUL	21 JUL	22 JUL
1	ANDAMAN & NICO.ISLANDS	FWS	FWS	SCT	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	WS*	WS**	WS*	WS*	WS***	WS*	WS*
3	ASSAM & MEGHALAYA	WS ^{TS*}	WS ^{**TS}	WS*	WS*	WS***	WS**	WS*
4	NAGA.MANI.MIZO.& TRIPURA	WS ^{TS}	WS ^{TS}	WS*	WS*	WS**	WS*	WS*
5	SUB-HIM.W. BENG. & SIKKIM	WS*	WS*	WS ^{TS*}	WS ^{**TS}	WS ^{***TS}	WS*	WS*
6	GANGETIC WEST BENGAL	FWS ^{TS}	SCT ^{TS}	SCT ^{TS}	FWS ^{TS}	FWS ^{TS}	WS*	FWS
7	ODISHA	FWS*	SCT	SCT	FWS*	FWS*	WS*	WS*
8	JHARKHAND	FWS ^{TS}	FWS ^{TS}	FWS ^{TS}	FWS ^{TS}	WS ^{TS}	WS*	WS*
9	BIHAR	SCT ^{TS}	FWS ^{TS}	FWS ^{*TS}	WS ^{TS*}	WS ^{**TS}	WS*	FWS
10	EAST UTTAR PRADESH	FWS ^{*TS}	FWS ^{*TS}	WS ^{**TS}	WS ^{**TS}	WS ^{**TS}	WS	FWS
11	WEST UTTAR PRADESH	SCT ^{TS*}	FWS ^{*TS}	WS ^{*TS}	WS ^{**TS}	WS ^{**TS}	FWS*	FWS*
12	UTTARAKHAND	FWS ^{*TS}	WS ^{*TS}	WS ^{**TS}	WS ^{**TS}	WS ^{**TS}	WS*	FWS*
13	HARYANA CHD. & DELHI	ISOL	SCT	FWS ^{*TS}	WS ^{**TS}	WS ^{**TS}	FWS*	FWS*
14	PUNJAB	ISOL	SCT	FWS ^{*TS}	WS ^{**TS}	WS ^{**TS}	SCT*	FWS*
15	HIMACHAL PRADESH	SCT*	FWS*	FWS ^{*TS}	FWS ^{**TS}	FWS ^{**TS}	SCT	SCT
16	JAMMU & K. AND LADAKH	SCT	SCT	ISOL ^{TS}	FWS ^{*TS}	FWS ^{*TS}	SCT	SCT
17	WEST RAJASTSAN	ISOL	ISOL	ISOL	SCT	SCT	ISOL	ISOL
18	EAST RAJASTSAN	SCT ^{TS*}	SCT ^{TS*}	FWS ^{**TS}	WS ^{**TS}	FWS ^{*TS}	SCT	SCT*
19	WEST MADHYA PRADESH	WS ^{*TS}	FWS	FWS	WS*	WS*	FWS*	FWS*
20	EAST MADHYA PRADESH	FWS	FWS	FWS*	WS*	WS	FWS*	WS
21	GUJARAT REGION D.D. & N.H.	WS***	FWS*	FWS	FWS	FWS*	FWS	FWS
22	SAURASTRA KUTCH & DIU	WS**	FWS**	FWS	SCT	FWS	SCT	SCT
23	KONKAN & GOA	WS**	WS*	WS*	WS*	WS*	FWS*	FWS
24	MADHYA MAHARASHTRA	WS*	WS*	FWS	FWS	FWS	FWS	FWS
25	MARATHAWADA	WS*	FWS	FWS	FWS	WS*	FWS	FWS
26	VIDARBHA	WS*	FWS	FWS*	FWS*	FWS	FWS	FWS*
27	CHHATTISGARH	FWS	FWS	FWS*	FWS	FWS	WS	WS*
28	COASTAL A. PR. & YANAM	WS ^{*TS}	FWS ^{TS}	FWS ^{*TS}	FWS ^{*TS}	FWS ^{*TS}	FWS	WS*
29	TELANGANA	FWS**	FWS*	WS ^{*TS}	WS ^{*TS}	FWS ^{TS}	FWS*	FWS
30	RAYALASEEMA	FWS ^{*TS}	FWS ^{TS}	SCT	SCT	FWS ^{*TS}	SCT	FWS
31	TAMIL. PUDU. & KARAIKAL	ISOL ^{TS}	ISOL	SCT ^{TS*}	SCT ^{TS*}	SCT ^{TS*}	ISOL	SCT
32	COASTAL KARNATAKA	WS*	WS*	WS**	WS**	WS*	WS	FWS
33	NORTH INT.KARNATAKA	FWS*	SCT	SCT	WS*	WS	WS	FWS
34	SOUTH INT.KARNATAKA	WS**	FWS	WS*	WS*	WS*	FWS	WS
35	KERALA & MAHE	WS**	WS*	WS*	WS*	WS**	WS*	WS
36	LAKSHADWEEP	WS	WS	WS	WS	WS*	FWS*	FWS

LEGENDS:					
WS	WIDE SPREAD / MOST PLACES (76-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)		
SCT	SCATTERED / FEW PLACES (26% to 50%)	ISOL	ISOLATED (up to 25%)	D/DRY	NIL RAINFALL
* Heavy Rainfall (64.5-115.5 mm)		** Heavy to Very Heavy Rainfall (115.6-204.4 mm)		*** Extremely Heavy Rainfall (204.5 mm or more)	
☐ FOG	* SNOWFALL	* HAILSTORM	↓ COLD WAVE (-4.5 °C to -6.4 °C)	↓ SEVERE COLD WAVE (< -6.4)	
§ TSUNDERSTORM WITS SQUALL/GUSTY WIND		DS/TS DUST/THUNDERSTORM	↑ HEAT WAVE (+4.5 °C to +6.4 °C)	↑ SEVERE HEAT WAVE (> +6.4)	

Sub-division-wise 5 days rainfall forecast from 17 July 2020 to 21 July 2020:

Met-Sub-Division	17-Jul Today	18Jul Sat	19Jul Sun	20Jul Mon	21Jul Tue
1. Andaman & Nicobar Islands	FWS	SCT	SCT	SCT	SCT
2. Arunachal Pradesh	WS	WS	WS	WS	WS
3. Assam & Meghalaya	WS	WS	WS	WS	WS
4. N. M. M. & T.	WS	WS	WS	WS	WS
5. S.H. West Bengal & Sikkim	WS	WS	WS	WS	WS
6. Gangetic West Bengal	SCT	SCT	FWS	FWS	FWS
7. Odisha	SCT	SCT	FWS	FWS	FWS
8. Jharkhand	FWS	FWS	FWS	WS	WS
9. Bihar	FWS	FWS	WS	WS	WS
10. East Uttar Pradesh	FWS	WS	WS	WS	WS
11. West Uttar Pradesh	FWS	WS	WS	WS	WS
12. Uttarakhand	WS	WS	WS	WS	WS
13. Haryana, Chd & Delhi	SCT	FWS	WS	WS	WS
14. Punjab	SCT	FWS	WS	WS	WS
15. Himachal Pradesh	FWS	FWS	FWS	FWS	FWS
16. J & K and Ladakh	SCT	ISOL	FWS	FWS	FWS
17. West Rajasthan	ISOL	ISOL	SCT	SCT	SCT
18. East Rajasthan	SCT	FWS	WS	FWS	FWS
19. West Madhya Pradesh	FWS	FWS	WS	WS	WS
20. East Madhya Pradesh	FWS	FWS	WS	WS	WS
21. Gujarat Region	FWS	FWS	FWS	FWS	FWS
22. Saurashtra & Kutch	FWS	FWS	SCT	FWS	SCT
23. Konkan & Goa	WS	WS	WS	WS	FWS
24. Madhya Maharashtra	WS	FWS	FWS	FWS	FWS
25. Marathwada	FWS	FWS	FWS	WS	FWS
26. Vidharbha	FWS	FWS	FWS	FWS	FWS
27. Chhattisgarh	FWS	FWS	FWS	FWS	FWS
28. Coastal A. P. & Yanam	FWS	FWS	FWS	FWS	FWS
29. Telangana	FWS	WS	WS	FWS	FWS
30. Rayalaseema	FWS	SCT	SCT	FWS	FWS
31. T.N.,Puducherry & Karaikal	ISOL	SCT	SCT	SCT	SCT
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	SCT	SCT	WS	WS	FWS
34. South Interior Karnataka	FWS	WS	WS	WS	FWS
35. Kerala & Mahe	WS	WS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	WS	WS

% Station Reporting Rainfall			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT) & Few Places
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

RESERVOIR POSITION AS ON 16.07.2020

SL. NO.	NAME OF STATE	LIVE CAP. ATF RL (BCM)	RESERVOIR LEVEL					
			THIS YEAR CAP (BCM)	LAST YEAR CAP (BCM)	AVE. OF LAST 10 YEARS	CURRENT YEAR ASA% OF LIVE CAP. AT FRL	CURRENT YEAR AS% OF LAST YEAR	CURRENT YEAR AS% OF AVG. OF LAST 10 YR
1	AP& TG	13.40	2.10	0.80	1.55	15.67	262.50	135.48
2	ANDHRA PRADESH	2.50	0.83	0.48	0.51	33.20	172.92	162.75
3	TELANGANA	4.23	1.27	0.25	0.86	30.02	508.00	147.67
4	JHARKHAND	1.79	1.02	0.59	0.72	56.98	172.88	141.67
5	GUJARAT	17.96	6.29	2.98	3.89	35.02	211.07	161.70
6	HIMACHAL PRADESH	12.48	4.75	5.39	4.33	38.06	88.13	109.70
7	KARNATAKA	24.63	9.23	8.63	8.47	37.47	106.95	108.97
8	KERALA	3.83	0.95	0.57	1.37	24.80	166.67	69.34
9	MADHYAPRADESH	28.40	12.06	7.71	7.72	42.46	156.42	156.22
10	CHATTISGARH	4.41	3.17	1.94	2.05	71.88	163.40	154.63
11	MAHARASHTRA	17.16	6.97	3.61	4.96	40.62	193.07	140.52
12	ODISHA	15.39	2.90	2.29	2.63	18.84	126.64	110.27
13	PUNJAB	2.34	1.17	1.19	1.11	50.00	98.32	105.41
14	RAJASTHAN	4.36	1.89	1.54	1.50	43.35	122.73	126.00
15	TAMIL NADU	4.23	1.63	0.61	1.44	38.53	267.21	113.19
16	TRIPURA	0.31	0.20	0.16	0.15	64.52	125.00	133.33
17	NAGALAND	0.54	0.35	0.17	0.28	64.81	205.88	125.00
18	UTTAR PRADESH	6.83	2.27	0.80	1.17	33.24	283.75	194.02
19	UTTARAKHAND	4.81	1.72	0.99	1.22	35.68	174.04	140.66
20	WESTBENGAL	1.39	0.95	0.43	0.50	68.06	222.07	189.20
	ALL INDIA	171.09	61.71	41.12	46.43	36.07	150.07	132.91

Source: Central Water Commission