

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: 04.08.2020

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP
HELD ON 31.07.2020.**

Summary

- **All-India level rainfall during the week**, 23 July to 29 July 2020, has been 29% lower than the Long Period Average (LPA). Among the four broad geographical divisions of the country, against the LPA the rainfall has been:
 - Lower by 37% in North West India,
 - Lower by 36% in Central India,
 - Lower by 19% in East and North East India and
 - Lower by 12% in South Peninsula.
- **Cumulative rainfall during Monsoon season**, 01 June to 29 July 2020, has been 1% higher than LPA. Among the four broad geographical divisions, seen against the LPA the rainfall has been:
 - Higher by 12% in East & North East India and South Peninsula each,
 - Lower by 20% in North West India and
 - Lower by 2% in Central India.
- Out of 36 MET sub-divisions in the country, rainfall received has been:
 - Large excess/ excess in 11 MET sub-divisions constituting 31% of total area
 - Normal in 18 MET sub-divisions constituting 47% 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 30 July 2020 was 69.98 BCM, which is:
 - 141% of last year's storage on the same day (30 July 2019) of 49.57 BCM.
 - 103% of last 10 year's average storage (normal) of 68.26 BCM.
- As per latest information, **around 82.4% of the normal area** under Kharif crops has been sown upto 31.07.2020. Total area sown under Kharif reported at 882.18 lakh hectares as compared to 774.38 lakh hectares during the same period last year.
- All-India **progressive procurement** as on 31 July 2020
 - During RMS 2020-21, Progressive Procurement of Wheat is 389.77 lakh MT compared to 347.82 lakh MT during corresponding period of RMS 2019-20.
 - During KMS 2019-20, Progressive Procurement of Rice was 505.21 lakh MT compared to 439.87 lakh MT during corresponding period of KMS 2018-19.

I. MONSOON STATUS: Monsoon Season (June-September) during the week ending 29 July 2020

1.1 Rainfall

- **Rainfall during the week (23 July 2020 to 29 July 2020):** Rainfall was large excess/excess in 05 met sub-divisions, normal in 08 sub-division and deficient/large deficient in 23 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 29 July 2020):** Rainfall was large excess/excess in 11 met sub-divisions, normal in 18 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 (29.07.2020)				Cumulative (01.06.20 to 29.07.2020)			
	(in mm)		Deviation (%)	Category	(in mm)		Deviation (%)	Category
	Actual	Normal			Actual	Normal		
North-West	33.2	52.7	-37	D	218.8	272.5	-20	D
Central	49.6	77.4	-36	D	460.8	470.3	-2	N
South Peninsula	46.3	52.5	-12	N	407.3	363.2	12	N
East & North-East	75.6	93.7	-19	N	842.6	755.3	12	N
Country as a whole	48.0	67.6	-29	D	436.7	433.9	1	N

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

Source: India Meteorological Department, New Delhi

Table 1.2: Category-wise Comparative Distribution of Sub-Division (Cumulative Rainfall) and All-India Percentage Rainfall Departure for last 5 years since 01 June to 29 July 2020

No. of Sub-Divisions with rainfall	For the period from 1 June to					
	29 JULY 2015	27 JULY 2016	26 JULY 2017	01 AUG 2018	31 JULY 2019	29 JULY 2020
Large Excess	-	-	02	00	00	01
Excess	06	11	05	01	03	10
Normal	20	17	26	28	19	18
Total	26	28	33	29	22	29
Deficient	10	08	03	07	14	07
Large Deficient	-	-	00	00	00	00
Scanty	00	00	-	-	-	-
No rain	00	00	00	00	00	00
Total	10	08	03	07	14	07
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 3%	0%	5%	(-) 7%	(-) 9%	1%

Source: IMD

1.2 Weather Forecast for the Next two Weeks

Week-1: 30 July – 05 August 2020

- The western end of the monsoon trough lies near to its normal position, however its eastern end is still to the north of its normal position.
- Widespread rainfall with isolated heavy to very heavy falls very likely over Uttarakhand, Sub-Himalayan West Bengal & Sikkim and heavy rainfall over Jammu Division, Himachal Pradesh, Uttar Pradesh, Punjab, Haryana, Chandigarh & Delhi, East Rajasthan, South Gujarat, West Madhya Pradesh, Bihar and Maharashtra & Goa during next 2-3 days.
- Due to convergence of strong lower level winds over the west coast, widespread rainfall with isolated heavy to very heavy falls are likely over Konkan & Goa and Ghat areas of Madhya Maharashtra during 01st -03rd August, 2020. (**Sub-division wise weekly rainfall Forecast for week 30 July – 05 Aug, 2020 is given in Annex-III**).
- **Cumulative Rainfall for the week** : The monsoon trough at mean sea level likely to be in its near normal position and gradually shift northwards towards foothills of Himalayas. Rainfall activity very likely to be subdued over most parts of the central parts of the country. Due to strong southerly/southwesterly winds from Arabia Sea over northwest India at lower levels, Heavy rain over parts of northwest India till 01 August and reduce significantly thereafter. Strong westerly/southwesterly winds along the west coast, widespread rainfall with isolated heavy to very heavy falls likely to continue along the west coast. Overall rainfall activity very likely to be normal to above normal over south peninsular India, East UP, Bihar and Sub-Himalayan West Bengal & Sikkim.

Week-2: 06 - 12 August 2020

- **Cumulative Rainfall for the Week:** The monsoon trough likely to be active and remains normal or south of its normal position. Rainfall likely to be normal to above normal over core monsoon zone including central parts of the country and adjoining Peninsular India, Gujarat and west coast of India. It is likely to be normal of rest of the country outside part of eastern and northeastern India where it is likely to be normal to below normal rains. Strong westerly/southwesterly winds along the west coast. As result, widespread rainfall with isolated heavy to very heavy falls likely to continue along the west coast.

Maximum Temperatures

- **During week-1 (30 July – 05 Aug. 2020):**- Most parts of India likely to have above normal maximum temperature during the week except Western Himalayan region and parts of south eastern peninsula India and north-eastern parts of India.
- **During week-2 (06 – 12 Aug. 2020):**- Most parts of India likely to have above normal maximum temperature during the week except Western Himalayan region and parts of south eastern peninsula India.

II. Reservoir Status (For the week ending on 30 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 69.98 BCM from the previous week's level of 66.41 BCM. Current year's storage position is higher than last year's storage position of 49.57 BCM and the average of last 10 year's storage position of 68.26 BCM.

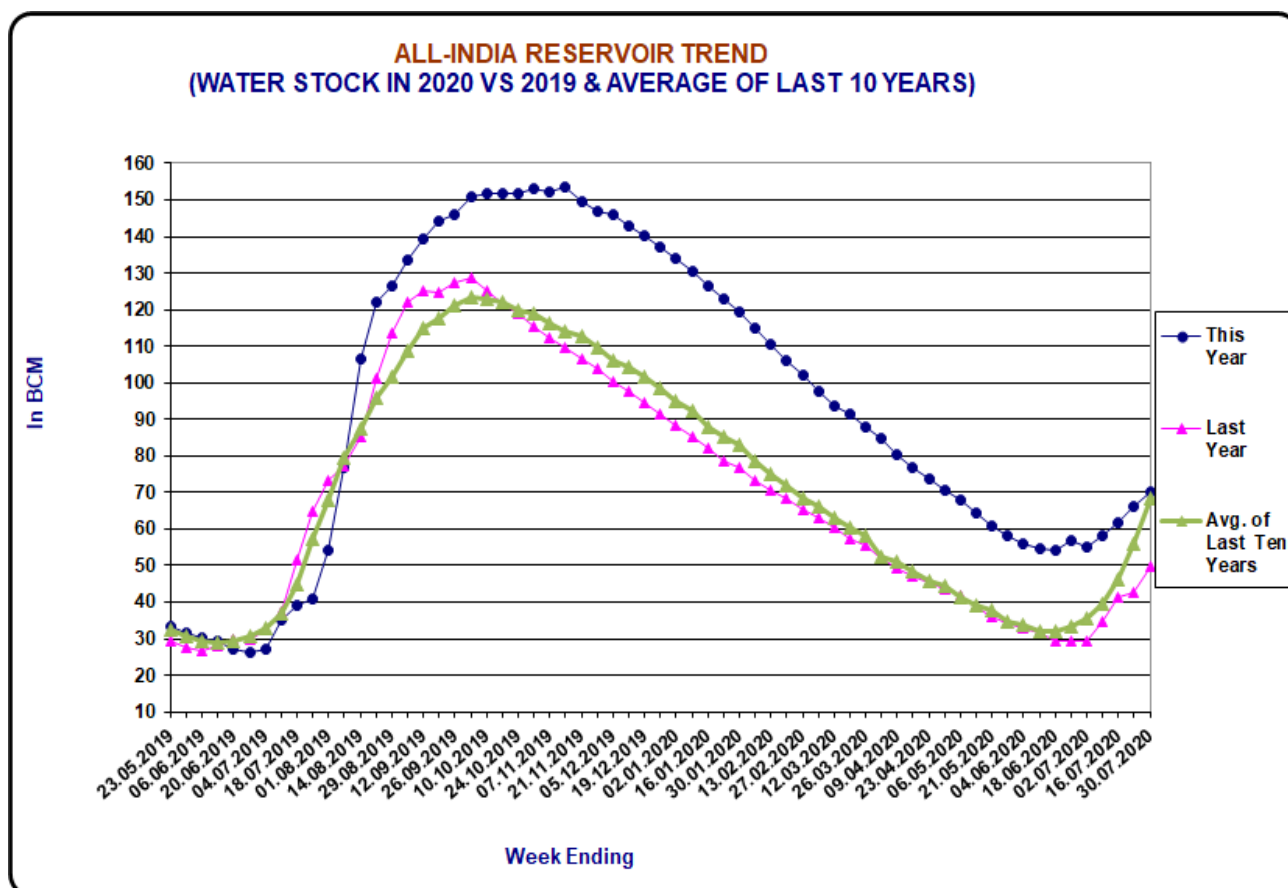
Table 2.1: For 123 major reservoirs of the country

Period	Storage as % of FRL	Storage as % of Last Year	Storage as % of 10 Year's Average Level
Current Week	41	141	103
Last Week	39	155	119

The percentage to live capacity at FRL was 29% on 30-07-2019, 45% on 30-07-2018, 42% on 30-07-2017 and 38% on 30-07-2016.

Source: CWC

- There were 71 reservoirs with more than 80% of normal storage, 39 reservoirs with storage between 51% to 80%, 10 reservoirs with storage between 31% to 50% and 03 reservoirs with storage upto 30% of Normal Storage, out of which 02 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 31.07.2020)

(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 31.07.2020	10205	3384	907	3213	1755
Cumulative Availability upto 31.07.2020	10818	4183	1139	4297	1885
Cumulative Sales upto 31.07.2020	10570	3639	948	3717	1763
Closing Stock as on 31.07.2020	248	544	191	580	122

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, Haryana, Punjab, Gujarat and Uttar Pradesh received during this week.
- Overall intensity of pests and diseases remained below Economic Threshold Level.

V. Seeds Position:

- There is no deficiency of seed for Kharif-2020, except Soyabean. Seed Division, DAC&FW is regularly monitoring & has taken various steps to **minimize seed deficiency of Soyabean.**

VI. All India Crop Situation

Table – 6

All India Crop Situation - Kharif (2020-21) as on 31.07.2020

(In lakh ha.)					
Crop Name	Normal Area for whole Kharif Season (DES)	Area sown reported			Absolute Change over 2019
		This Year 2020	% of Normal for whole season	Last Year 2019	
Rice	397.29	266.60	67.1	223.96	42.6
Jowar	20.56	12.39	60.3	12.11	0.3
Bajra	72.98	54.74	75.0	48.75	6.0
Maize	74.70	74.30	99.5	72.58	1.7
Total Coarse Cereals	184.85	148.34	80.2	139.26	9.1
Total Cereals	582.14	414.95	71.3	363.22	51.7
Tur	44.29	40.05	90.4	37.09	3.0
Urad	35.53	33.38	94.0	27.64	5.7
Moong	30.49	29.57	97.0	21.52	8.1
Kulthi	2.13	0.05	2.3	0.05	0.0
Others	16.45	8.87	53.9	7.54	1.3
Total Pulses	128.88	111.91	86.8	93.84	18.1
Total Foodgrains	711.03	526.86	74.1	457.06	69.8
Groundnut	41.41	45.45	109.8	30.53	14.9
Soyabean	110.32	116.62	105.7	107.64	9.0
Sunflower	1.64	0.76	46.4	0.73	0.0
Sesamum	16.73	10.51	62.8	9.65	0.9
Nigerseed	2.23	0.49	22.0	0.47	0.0
Castorseed	9.07	1.51	16.7	1.09	0.4
Total Oilseeds	181.39	175.34	96.66	150.12	25.2
Cotton	122.27	121.25	99.2	108.95	12.3
Sugarcane	48.46	51.78	106.9	51.20	0.6
Jute & Mesta	7.60	6.95	91.4	7.05	-0.1
All- Crops	1070.75	882.18	82.4	774.38	107.8

Source: Crops Divisions, DAC&FW

VII. Progressive Procurement as on 31 July 2020

Table 8.1: Rice

(in lakh tonnes)

State	Target in Marketing season 2019-20 (October– September)	Progressive Procurement as on 31.07.2020	
		In Marketing season 2019-2020	In Marketing season 2018-2019
Andhra Pradesh	61.92	53.18	47.68
Telangana	91.62	74.54	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	11.39	5.80
Odisha	43.50	47.28	43.83
Punjab	114.00	108.76	113.34
Tamil Nadu	13.44	19.00	12.36
Uttar Pradesh	33.00	37.90	32.33
Uttarakhand	5.00	6.82	4.62
West Bengal	26.00	16.23	16.96
All-India	527.60	505.21	439.87

Table 8.2: Wheat

(in lakh tonnes)

State	Target in Marketing season 2020-21 (April– March)	Progressive Procurement as on 31.07.2020	
		In Marketing season 2020-2021	In Marketing season 2019-2020
Bihar	2.00	0.05	0.03
Gujarat	1.25	0.77	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	0.39	0.42
All-India	442.49	389.77	347.82

MONSOON SEASON RAINFALL DATA - 2020 (JUNE - SEPTEMBER)										Annex-I
(WEEKLY)										
(Rainfall Actual / Normal in Cms)										
S.No.	Meteorological sub-divisions	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9
		04.06.2020 to	11.06.2020 to	18.06.2020 to	25.06.2020 to	02.07.2020 to	09.07.2020 to	16.07.2020 to	23.07.2020 to	
		10.06.2020	17.06.2020	24.06.2020	01.07.2020	08.07.2020	15.07.2020	22.07.2020	29.07.2020	
(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	9.12 / 9.44	4.11 / 9.43	
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 / 11.59	18.75 / 12.05	7.49 / 11.59	
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	17.06 / 12.47	8.29 / 11.78	
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	6.16 / 9.03	5.40 / 8.67	
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	20.98 / 13.85	11.75 / 13.40	
6	Gangetic West Bengal	3.13 / 5.15	8.89 / 5.36	6.43 / 7.33	6.66 / 7.56	4.57 / 7.71	7.33 / 7.67	8.02 / 7.77	7.16 / 7.25	
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	2.93 / 9.04	5.55 / 7.94	
8	Jharkhand	1.15 / 2.91	7.15 / 4.25	6.22 / 6.06	4.33 / 7.07	6.33 / 6.75	6.88 / 7.66	4.70 / 7.80	6.34 / 7.20	
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	12.82 / 7.98	8.51 / 7.44	
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	5.35 / 6.83	4.40 / 6.29	
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	4.99 / 5.63	3.72 / 6.16	
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	7.63 / 9.43	8.35 / 10.19	
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	6.47 / 3.93	1.35 / 3.74	
14	Punjab	2.09 / 0.63	0.18 / 1.21	0.86 / 1.37	1.37 / 2.09	2.92 / 3.16	6.26 / 4.29	6.04 / 4.37	0.93 / 4.11	
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	4.73 / 6.87	5.26 / 7.02	
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	3.39 / 4.95	3.56 / 5.66	
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	3.23 / 2.87	1.62 / 2.38	
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	2.02 / 5.78	2.78 / 5.41	
19	West Madhya Pradesh	5.11 / 1.32	4.50 / 2.30	5.33 / 2.99	4.59 / 4.47	5.17 / 5.70	1.85 / 5.94	3.91 / 6.82	3.43 / 7.45	
20	East Madhya Pradesh	5.23 / 1.33	5.10 / 2.55	5.98 / 4.73	5.31 / 6.33	6.39 / 7.27	4.05 / 7.25	4.28 / 8.43	3.66 / 7.77	
21	Gujarat Region	2.65 / 1.59	6.47 / 2.90	0.33 / 3.61	1.50 / 6.38	4.26 / 7.56	4.39 / 7.10	2.79 / 7.62	4.32 / 8.51	
22	Saurashtra, Kutch & Diu	4.69 / 0.92	3.35 / 1.67	3.44 / 3.08	1.82 / 3.78	19.51 / 4.64	4.28 / 3.45	2.05 / 5.12	2.54 / 4.59	
23	Konkan & Goa	15.23 / 9.72	25.14 / 17.25	18.07 / 20.06	8.56 / 23.63	42.14 / 25.36	26.66 / 21.13	23.04 / 24.33	10.99 / 25.37	
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	4.32 / 5.30	5.39 / 5.90	
25	Marathawada	0.94 / 2.59	6.65 / 3.76	2.34 / 3.39	7.77 / 3.94	3.19 / 3.79	5.16 / 3.50	5.98 / 3.82	6.28 / 4.94	
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	4.49 / 7.16	6.03 / 7.19	
27	Chhattisgarh	1.66 / 1.86	10.06 / 4.45	12.37 / 6.02	3.58 / 7.80	8.45 / 8.18	6.51 / 8.17	4.05 / 8.90	6.51 / 8.72	
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	3.31 / 3.83	3.13 / 4.12	
29	Telangana	0.92 / 2.15	7.64 / 3.64	2.71 / 3.43	3.41 / 3.94	6.80 / 4.47	7.91 / 4.98	5.88 / 5.27	5.42 / 6.35	
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	7.37 / 2.39	4.55 / 2.41	
31	Tamil Nadu & Pondicherry	0.67 / 1.41	0.66 / 1.32	0.94 / 1.18	3.61 / 1.02	1.76 / 1.39	4.23 / 1.70	2.91 / 1.86	3.71 / 2.01	
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	24.60 / 26.64	8.93 / 24.79	
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	6.67 / 3.01	4.54 / 3.23	
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	7.29 / 5.08	3.86 / 4.83	
35	Kerala	10.23 / 14.52	13.20 / 17.04	11.63 / 16.55	11.21 / 16.46	16.70 / 17.45	4.77 / 16.31	12.11 / 15.73	9.15 / 15.64	
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	14.13 / 6.15	12.32 / 5.67	
	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	5.95 / 6.80	4.80 / 6.76	
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	22.07.2020	29.07.2020
1	A & N Islands	LE (69)	E (45)	E (27)	E (21)	N (17)	N (14)	N (11)	N (3)
2	Arunachal Pradesh	N (-1)	N (-5)	N (-1)	N (4)	N (-2)	N (10)	N (16)	N (10)
3	Assam & Meghalaya	N (15)	N (-3)	N (-2)	E (26)	N (14)	E (29)	E (30)	E (24)
4	Naga.,Mani.,Mizo.& Tripura	D (-33)	D (-30)	D (-31)	D (-36)	D (-33)	D (-28)	D (-28)	D (-29)
5	Sub-Himalayan. WB & Sikkim	N (13)	N (18)	N (18)	E (44)	E (38)	E (46)	E (47)	E (40)
6	Gangetic West Bengal	N (-9)	E (23)	N (14)	N (7)	N (-3)	N (-4)	N (-2)	N (-3)
7	Odisha	N (15)	E (35)	E (33)	N (14)	N (8)	N (5)	N (-9)	N (-12)
8	Jharkhand	D (-21)	E (23)	N (15)	N (-2)	N (-3)	N (-4)	N (-11)	N (-12)
9	Bihar	LE (70)	E (49)	E (59)	LE (74)	E (51)	E (50)	E (52)	E (47)
10	East U.P.	LE (65)	LE (64)	LE (96)	LE (79)	LE (73)	E (45)	E (31)	E (20)
11	West U.P.	D (-28)	D (-43)	D (-34)	D (-36)	D (-26)	D (-33)	D (-28)	D (-30)
12	Uttarakhand	N (1)	N (-15)	N (-7)	D (-20)	N (-1)	N (-12)	N (-14)	N (-15)
13	Haryana,Chd.,and Delhi	LE (203)	E (56)	N (17)	N (-7)	N (1)	N (-5)	N (13)	N (-2)
14	Punjab	LE (254)	E (44)	N (10)	N (-7)	N (-7)	N (10)	N (18)	N (-1)
15	Himachal Pradesh	E (52)	D (-23)	D (-23)	D (-35)	D (-22)	D (-33)	D (-32)	D (-31)
16	Jammu & Kashmir	E (21)	D (-31)	D (-31)	D (-38)	D (-44)	LD (-63)	D (-53)	D (-50)
17	West Rajasthan	LE (137)	LE (84)	N (7)	N (-5)	N (-6)	N (-16)	N (-9)	N (-13)
18	East Rajasthan	LE (66)	E (48)	E (27)	N (8)	N (-4)	D (-20)	D (-32)	D (-35)
19	West Madhya Pradesh	LE (258)	LE (162)	LE (125)	LE (77)	E (48)	N (18)	N (4)	N (-8)
20	East Madhya Pradesh	LE (289)	LE (172)	LE (94)	E (48)	E (29)	N (11)	N (-2)	N (-11)
21	Gujarat Region	E (40)	LE (89)	N (12)	D (-26)	D (-32)	D (-33)	D (-40)	D (-41)
22	Saurashtra, Kutch & Diu	LE (308)	LE (168)	LE (90)	E (36)	LE (126)	LE (107)	LE (70)	E (51)
23	Konkan & Goa	LE (78)	E (59)	E (31)	N (0)	N (17)	N (19)	N (15)	N (4)
24	Madhya Maharashtra	LE (117)	LE (101)	E (55)	E (45)	E (32)	E (22)	N (16)	N (12)
25	Marathawada	E (33)	LE (84)	E (46)	LE (60)	E (44)	E (45)	E (46)	E (43)
26	Vidarbha	E (44)	LE (74)	E (20)	N (0)	N (2)	N (0)	N (-7)	N (-9)
27	Chhattisgarh	E (23)	LE (92)	LE (98)	E (40)	E (30)	N (19)	N (4)	N (0)
28	Coastal Andhra Pradesh	N (13)	E (37)	E (21)	N (14)	E (23)	E (54)	E (42)	E (31)
29	Telangana	E (50)	LE (84)	E (47)	E (30)	E (35)	E (40)	E (35)	E (26)
30	Rayalseema	D (-22)	N (-2)	N (-1)	LE (82)	LE (66)	LE (104)	LE (123)	LE (118)
31	Tamil Nadu & Pondicherry	D (-49)	D (-49)	D (-42)	N (13)	N (15)	E (42)	E (44)	E (51)
32	Coastal Karnataka	N (1)	E (25)	N (7)	N (-11)	N (-1)	N (-3)	N (-4)	N (-11)
33	North Interior Karnataka	N (15)	E (30)	N (15)	E (26)	E (27)	E (33)	E (47)	E (47)
34	South Interior Karnataka	N (-12)	N (1)	N (-12)	N (-2)	N (0)	N (-7)	N (2)	N (-1)
35	Kerala	N (0)	N (-11)	N (-15)	D (-20)	N (-16)	D (-25)	D (-25)	D (-27)
36	Lakshadweep	D (-23)	D (-37)	D (-31)	N (-15)	N (-18)	N (-10)	N (5)	N (15)
	All-India	E (32)	E (32)	E (22)	N (15)	N (13)	N (10)	N (6)	N (1)
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 30 July – 05 Aug, 2020 for 36 Met Sub-Divisions:

METEOROLOGICAL SUB-DIVISIONWISE WEEKLY RAINFALL FORECAST & Wx. WARNINGS-2020								
Sr. No	MET.SUB-DIVISIONS	30 JUL	31 JUL	01 AUG	02 AUG	03 AUG	04 AUG	05 AUG
1	ANDAMAN & NICO.ISLANDS	WS*	WS*	WS*TS	WS**TS	WS**TS	WS	WS
2	ARUNACHAL PRADESH	WS**	FWS*	FWS	SCT	SCT	SCT	SCT
3	ASSAM & MEGHALAYA	WS*TS	FWS*TS	FWS	FWS	FWS	SCT	WS
4	NAGA.MANI.MIZO.& TRIPURA	FWS*TS	FWS	FWS	SCT	SCT	FWS	FWS
5	SUB-HIM.W. BENG. & SIKKIM	WS*TS	WS*TS	WS*	FWS	FWS	WS	WS
6	GANGETIC WEST BENGAL	SCT*TS	FWST*TS	SCT	SCT	FWS	WS*TS	WS*TS
7	ODISHA	ISOL	SCT*TS	SCT*TS	FWS*TS	FWS*	WS	WS
8	JHARKHAND	FWS*TS	FWST*TS	FWS*TS	SCT*TS	FWS*TS	FWS*TS	FWS*TS
9	BIHAR	WS*TS	FWS*TS	FWS	SCT	FWS	FWS*TS	FWS*TS
10	EAST UTTAR PRADESH	FWS*TS	FWS*TS	FWS*TS	FWS*TS	WS*TS	WS*TS	WS*TS
11	WEST UTTAR PRADESH	FWS*TS	FWS*TS	FWS*TS	SCT*TS	SCT*TS	FWS*TS	FWS*TS
12	UTTARAKHAND	WS*TS	WS*TS	WS*TS	WS*	WS	WS*TS	WS*TS
13	HARYANA CHD. & DELHI	FWS*TS	FWS*	SCT	SCT	SCT	SCT*TS	SCT*TS
14	PUNJAB	FWS*TS	FWS*	SCT	SCT	SCT	SCT	SCT
15	HIMACHAL PRADESH	FWS*TS	FWS*	FWS*	FWS	FWS	FWS*TS	FWS*TS
16	JAMMU & K. AND LADAKH	FWS*TS	SCT*TS	SCT	SCT	ISOL	SCT*TS	SCT*TS
17	WEST RAJASTSAN	ISOL*TS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTSAN	SCT*TS	FWS*TS	FWS*	SCT	SCT	FWST*TS	FWST*TS
19	WEST MADHYA PRADESH	FWS*TS	FWS*TS	FWS*TS	FWS*TS	FWS*TS	FWS*TS	FWS*TS
20	EAST MADHYA PRADESH	SCT	SCT	FWS*TS	FWS*TS	FWS*	FWS*TS	FWS*TS
21	GUJARAT REGION D.D. & N.H.	SCT*	SCT*	SCT	FWS*	FWS*	WS	WS
22	SAURASTRA KUTCH & DIU	SCT*	SCT*	SCT	FWS*	FWS*	FWS	FWS
23	KONKAN & GOA	WS*	WS*	WS**	WS**	WS**	WS*	WS*
24	MADHYA MAHARASHTRA	FWS*TS	FWS*TS	FWS*	WS**	WS**	WS	WS
25	MARATHAWADA	FWS*TS	WS*TS	WS*TS	FWS	FWS	WS*TS	WS*TS
26	VIDARBHA	SCT	SCT	FWS*TS	FWS*TS	FWS*	FWS*TS	FWS*TS
27	CHHATTISGARH	SCT	SCT	FWS*TS	FWS*TS	FWS*	WS*TS	WS*TS
28	COASTAL A. PR. & YANAM	FWS*TS	SCT	SCT	SCT	SCT*	FWS*TS	FWS*TS
29	TELANGANA	FWS*TS	FWST*TS	FWS*TS	FWS*TS	FWS*TS	FWS*TS	FWS*TS
30	RAYALASEEMA	FWS*TS	SCT	SCT	SCT	SCT	FWS*TS	FWS*TS
31	TAMIL. PUDU. & KARAIKAL	SCT*TS	SCT*	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	WS**	WS*	WS**	WS**	WS**	WS	WS
33	NORTH INT.KARNATAKA	WS*TS	WS	WS	WS*	FWS	WS	WS
34	SOUTH INT.KARNATAKA	WS*TS	WS*	WS*	WS*	FWS	WS	WS
35	KERALA & MAHE	WS**	WS**	WS*	WS*	WS*	WS	WS
36	LAKSHADWEEP	WS	WS	WS	WS	FWS	WS	WS
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)	

Annex-III/ P.2

Sub-division-wise 5 days rainfall forecast from 31 July 2020 to 04 August 2020:

Met-Sub-Division	31-Jul Today	01Aug Sat	02Aug Sun	03Aug Mon	04Aug Tue
1. Andaman & Nicobar Islands	WS	WS	WS	WS	WS
2. Arunachal Pradesh	FWS	FWS	SCT	SCT	SCT
3. Assam & Meghalaya	FWS	FWS	FWS	FWS	FWS
4. N. M. M. & T.	FWS	FWS	SCT	SCT	SCT
5. S.H. West Bengal & Sikkim	WS	WS	FWS	FWS	FWS
6. Gangetic West Bengal	FWS	SCT	SCT	FWS	FWS
7. Odisha	SCT	SCT	FWS	FWS	FWS
8. Jharkhand	FWS	FWS	SCT	FWS	FWS
9. Bihar	FWS	FWS	SCT	FWS	FWS
10. East Uttar Pradesh	FWS	FWS	FWS	WS	WS
11. West Uttar Pradesh	FWS	FWS	SCT	SCT	SCT
12. Uttarakhand	WS	WS	WS	WS	WS
13. Haryana, Chd & Delhi	FWS	SCT	SCT	SCT	SCT
14. Punjab	FWS	SCT	SCT	SCT	SCT
15. Himachal Pradesh	FWS	FWS	FWS	FWS	FWS
16. J & K and Ladakh	SCT	SCT	SCT	ISOL	ISOL
17. West Rajasthan	ISOL	ISOL	ISOL	ISOL	ISOL
18. East Rajasthan	FWS	FWS	SCT	SCT	SCT
19. West Madhya Pradesh	FWS	FWS	FWS	FWS	FWS
20. East Madhya Pradesh	SCT	FWS	FWS	FWS	FWS
21. Gujarat Region	SCT	SCT	FWS	FWS	FWS
22. Saurashtra & Kutch	SCT	SCT	FWS	FWS	FWS
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	FWS	FWS	WS	WS	WS
25. Marathawada	WS	WS	FWS	FWS	FWS
26. Vidharbha	SCT	FWS	FWS	FWS	FWS
27. Chhattisgarh	SCT	FWS	FWS	FWS	FWS
28. Coastal A. P. & Yanam	SCT	SCT	SCT	SCT	SCT
29. Telangana	FWS	FWS	FWS	FWS	FWS
30. Rayalaseema	SCT	SCT	SCT	SCT	SCT
31. T.N., Puducherry & Karaikal	SCT	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	WS	WS	FWS	FWS
34. South Interior Karnataka	WS	WS	WS	FWS	FWS
35. Kerala & Mahe	WS	WS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	FWS	FWS

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

RESERVOIR POSITION AS ON 30.07.2020

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	4.33	0.78	2.72	32.31	555.13	159.19
2	ANDHRA PRADESH	2.50	0.97	0.47	0.50	38.80	206.38	194.00
3	TELANGANA	4.23	1.47	0.25	1.26	34.75	588.00	116.67
4	JHARKHAND	1.79	1.05	0.69	0.88	58.66	152.17	119.32
5	GUJARAT	17.96	6.65	3.40	5.72	37.03	195.59	116.26
6	HIMACHAL PRADESH	12.48	5.52	6.66	5.79	44.23	82.88	95.34
7	KARNATAKA	24.63	10.48	10.67	13.05	42.55	98.22	80.31
8	KERALA	3.83	1.09	0.87	1.78	28.46	125.29	61.24
9	MADHYAPRADESH	28.40	12.86	9.24	11.86	45.28	139.18	108.43
10	CHATTISGARH	4.41	3.24	1.85	2.41	73.47	175.14	134.44
11	MAHARASHTRA	17.16	8.16	5.41	7.66	47.55	150.83	106.53
12	ODISHA	15.39	3.48	2.38	4.30	22.61	146.22	80.93
13	PUNJAB	2.34	1.06	1.36	1.23	45.30	77.94	86.18
14	RAJASTHAN	4.36	1.88	1.68	2.08	43.12	111.90	90.38
15	TAMIL NADU	4.23	1.54	0.76	1.95	36.41	202.63	78.97
16	TRIPURA	0.31	0.23	0.16	0.16	74.19	143.75	143.75
17	NAGALAND	0.54	0.34	0.17	0.33	62.96	200.00	104.29
18	UTTAR PRADESH	6.83	2.51	0.87	1.81	36.75	288.51	138.98
19	UTTARAKHAND	4.81	2.14	1.44	2.16	44.49	148.61	99.26
20	WESTBENGAL	1.39	0.98	0.46	0.63	70.50	213.04	156.55
	ALL INDIA	171.09	69.98	49.57	68.26	40.90	141.17	102.51

Source: Central Water Commission