

F. No. 3-1/ 2017-18-CFCC-E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE
(CROP FORECAST COORDINATION CENTRE)

Room No. 344-A, Krishi Bhawan, New Delhi
Dated: 06.02.2018

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 02.02.2018.

Summary observations of the Group on Agenda Items

- *In the winter season, at All-India level, the rainfall during the week (25th January, 2018 – 31st January, 2018) has been 89% lower than Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been lower than LPA by 100% in Central India, 98% in North West India, 85% in South Peninsula and 49% in East & North East India.*
- *The cumulative rainfall in the country during the winter monsoon season i.e. 01st January to 31st January, 2018 has been 85% lower than Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been lower than LPA by 99% in Central India, 91% in North West India, 67% in East & North East India and 54% in South Peninsula.*
- *Out of 36 met sub-divisions, 01 met subdivisions constituting 0% of the total area of the country has received large excess/ excess rainfall, 19 met sub-divisions constituting 58% of the total area of the country has received deficient/large deficient rainfall and 16 met sub-divisions constituting 42% of the total area of the country has received no rain.*
- *Central Water Commission monitors 91 major reservoirs in the country which have total live capacity of 161.99 Billion Cubic Meter (BCM) at Full Reservoir Level (FRL). Out of these, 76 reservoirs with FRL capacity of 120.44 BCM have irrigation potential. Live storage in the 91 major reservoirs as on 01st February, 2018 has been 69.89 BCM as against 77.97 BCM on 01.02.2017 (last year) and 76.64 BCM of normal (average of the last 10 years) storage. Current year's storage is 90% of last year's storage and also 91% of average of last 10 year's storage.*
- *All-India progressive procurement of Rice as on 02.02.2018 for 2017-18 was 284.64 lakh tonnes against the procurement of 276.61 lakh tonnes in the corresponding period of last year. The procurement of wheat for the rabi marketing season (RMS) 2017-18 was 308.25 lakh tonnes against the procurement of 229.62 lakh tonnes in the corresponding period of RMS 2016-17.*

1. **Winter Season (January – February) during the week ending 31st January, 2018**

➤ **Sub-Division wise Weekly Rainfall Forecast is shown in Table-1.1**

- **Rainfall during the week (25th January, 2018 to 31st January, 2018)** Rainfall was normal in 02 sub-divisions, deficient/large deficient in 07 subdivisions and no rain in 27 subdivisions out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st January, 2018 to 31st January, 2018)** Rainfall was large excess/excess in 01, deficient/large deficient in 19 sub-divisions and no rain in 16 subdivisions out of 36 meteorological sub-divisions.

Table - 1.2: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (31.01.2018)				Cumulative (01.01.18 to 31.01.18)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.3	11.8	-98	LD	3.4	36.9	-91	LD
Central India	0.0	1.8	-100	NR	0.0	8.0	-99	LD
South Peninsular India	0.1	0.9	-85	LD	3.6	7.8	-54	D
East & North-East India	3.1	6.1	-49	D	7.1	21.1	-67	LD
Country as a whole	0.6	5.4	-89	LD	2.9	19.2	-85	LD

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

Source: India Meteorological Department, New Delhi

Table -1.3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India Percentage Rainfall Departure for the last five years since: 1st Jan., to 31st Jan., 2018

No. of Sub-Divisions with rainfall	For the period from 1 st January to					
	30 JAN 2013	29 JAN 2014	28 JAN 2015	03 FEB 2016	02 FEB 2017	31 JAN 2018
Large Excess	-	-	-	-	07	01
Excess	08	09	19	04	05	00
Normal	01	07	06	02	02	00
Total	09	16	25	06	14	01
Deficient	08	05	06	09	04	03
Large Deficient	-	-	-	-	12	16
Scanty	17	13	05	16	-	-
No rain	02	02	00	05	06	16
Total	27	20	11	20	22	35
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 38%	10%	(-) 6%	(-) 63%	36%	(-) 85%

Source: IMD

- Sub-division-wise 5 days rainfall forecast from 02nd Feb. to 06th Feb., 2018 is shown in Table 1.4

1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttarakhand, Himachal Pradesh, and Jammu and Kashmir.
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra, Odisha, Goa and Gujarat.
South Peninsula - Andhra Pradesh & Telangana, Karnataka, Tamil Nadu & Puducherry, Kerala, A & N islands and Lakshadweep.
East & North East India - Bihar, Jharkhand, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram and Tripura.

Table: 1.1

METEOROLOGICAL SUB-DIVISIONWISE DISTRIBUTION OF REALISED RAINFALL -2018								
S.No.	MET.SUB-DIVISIONS	25 JAN	26 JAN	27 JAN	28 JAN	29 JAN	30 JAN	31 JAN
1	ANDAMAN & NICO.ISLANDS	SCT	ISOL	SCT	SCT	SCT	ISOL	ISOL
2	ARUNACHAL PRADESH	WS	SCT	WS	ISOL	ISOL	ISOL	D
3	ASSAM & MEGHALAYA	ISOL	ISOL	ISOL	ISOL	ISOL	D	D
4	NAGA.MANI.MIZO.& TRIPURA	D	D	D	D	D	D	D
5	SUB-HIM.W. BENG. & SIKKIM	ISOL	D	ISOL	ISOL	ISOL	D	ISOL
6	GANGETIC WEST BENGAL	D	D	D	D	D	D	D
7	ODISHA	D	D	D	D	D	D	D
8	JHARKHAND	D	D	D	D	D	D	D
9	BIHAR	D	D	D	D	D	D	D
10	EAST UTTAR PRADESH	D	D	D	D	D	D	D
11	WEST UTTAR PRADESH	ISOL	D	D	D	D	D	D
12	UTTARAKHAND	D	D	D	D	D	D	D
13	HARYANA CHD. & DELHI	D	D	D	D	D	D	D
14	PUNJAB	D	D	D	D	D	D	D
15	HIMACHAL PRADESH	D	D	D	D	D	D	D
16	JAMMU & KASHMIR	D	D	D	D	D	ISOL	SCT
17	WEST RAJASTHAN	D	D	D	D	D	D	D
18	EAST RAJASTHAN	D	D	D	D	D	D	D
19	WEST MADHYA PRADESH	D	D	D	D	D	D	D
20	EAST MADHYA PRADESH	D	D	D	D	D	D	D
21	GUJARAT REGION D.D. & N.H.	D	D	D	D	D	D	D
22	SAURASTRA KUTCH & DIU	D	D	D	D	D	D	D
23	KONKAN & GOA	D	D	D	D	D	D	D
24	MADHYA MAHARASHTRA	D	D	D	D	D	D	D
25	MARATHAWADA	D	D	D	D	D	D	D
26	VIDARBHA	D	D	D	D	D	D	D
27	CHHATTISGARH	D	D	D	D	D	D	D
28	COASTAL ANDHRA PRADESH	D	D	D	D	D	D	D
29	TELANGANA	D	D	D	D	D	D	D
30	RAYALASEEMA	D	D	D	D	D	D	D
31	TAMILNADU & PUDUCHERRY	ISOL	D	D	D	D	ISOL	D
32	COASTAL KARNATAKA	D	D	D	D	D	D	D
33	NORTH INT.KARNATAKA	D	D	D	D	D	D	D
34	SOUTH INT.KARNATAKA	D	D	D	D	D	D	D
35	KERALA	ISOL	ISOL	D	ISOL	ISOL	D	D
36	LAKSHADWEEP	SCT	D	D	SCT	SCT	D	D
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	NO STATION REPORTED RAINFALL			
* ACTIVE (R/F $1\frac{1}{2}$- 4 times the normal with WS/FWS, at least 2 stations should be 5 cm. along west coast & 3 cm. elsewhere)								
** VIGOROUS (R/F More than 4 times the normal with WS/FWS, at least 2 stations should be 8 cm. along west coast & 5 cm. elsewhere)								

Table: 1.4

Met-Sub-Division	02-Feb Today	03Feb Sat	04Feb Sun	05Feb Mon	06Feb Tue
1. Andaman & Nicobar Islands	ISOL	SCT	SCT	ISOL	ISOL
2. Arunachal Pradesh	ISOL	SCT	SCT	ISOL	ISOL
3. Assam & Meghalaya	ISOL	ISOL	ISOL	DRY	DRY
4. N. M. M. & T.	DRY	ISOL	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	ISOL	ISOL	DRY	DRY	DRY
6. Gangetic West Bengal	DRY	DRY	DRY	DRY	DRY
7. Odisha	DRY	DRY	DRY	DRY	DRY
8. Jharkhand	DRY	DRY	DRY	DRY	DRY
9. Bihar	DRY	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	DRY	DRY	DRY	ISOL	ISOL
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	DRY	ISOL	DRY	ISOL	ISOL
16. Jammu & Kashmir	ISOL	SCT	ISOL	ISOL	DRY
17. West Rajsthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	DRY
25. Marathawada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	DRY	DRY	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	DRY	DRY	DRY
28. Coastal Andhra Pradesh	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	DRY	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	DRY	DRY	DRY	ISOL	ISOL
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	DRY	DRY	DRY
34. South Interior Karnataka	DRY	DRY	DRY	DRY	DRY
35. Kerala	DRY	DRY	DRY	DRY	ISOL
36. Lakshadweep	DRY	DRY	DRY	DRY	DRY

% Station Reporting Rainfall

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

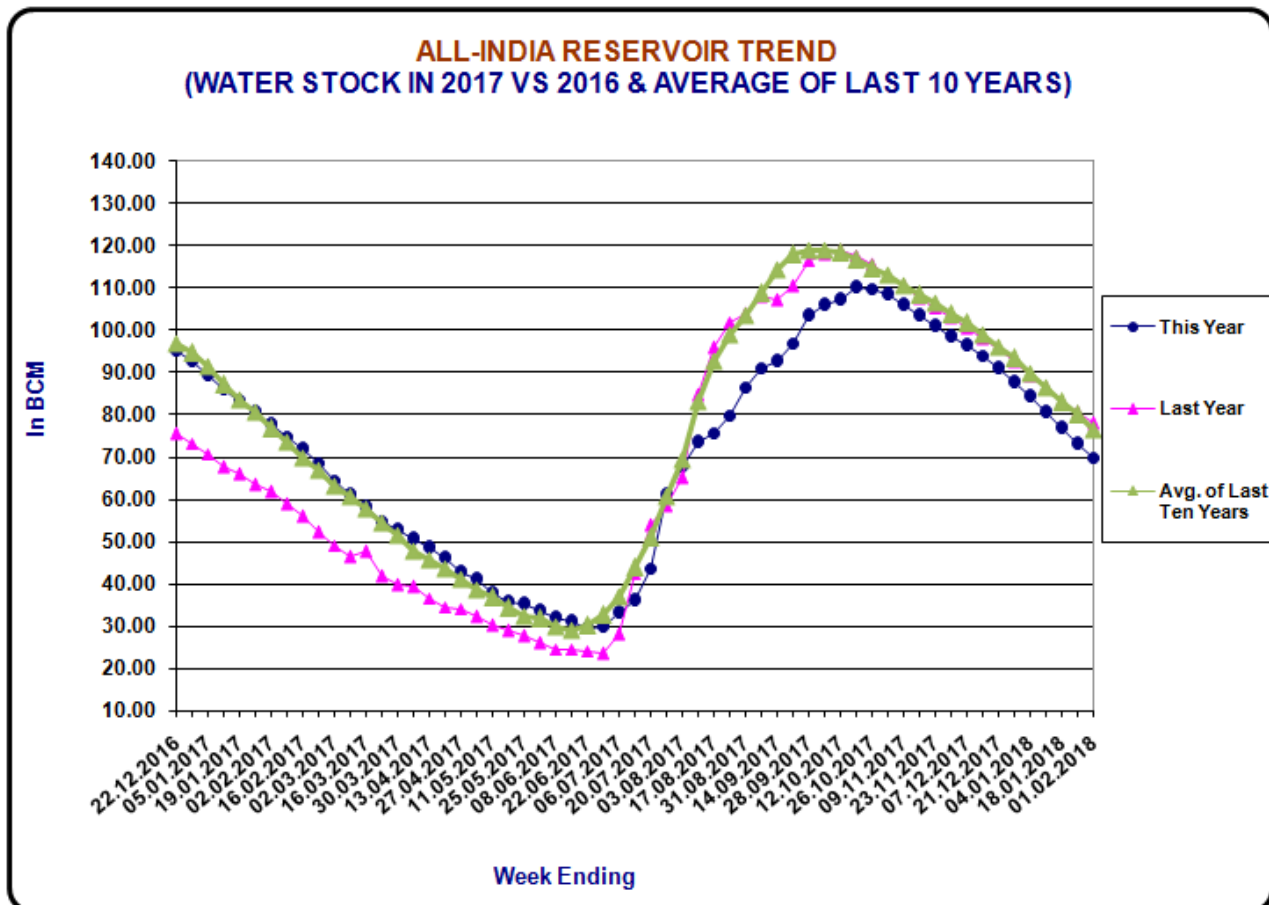
2. Reservoir Status (For the week ending on 01.02.2018)

- **The Central Water Commission** monitors the live storage of **91** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **161.99** billion cubic meters (BCM), which is about 63% of total reservoir capacity of 257.81 BCM in the country.
- Water stock in 91 major reservoirs decreased to 69.89 BCM from the previous week's level of 73.03 BCM. Current storage is lower than the last year's position of 77.97 BCM and the average of last 10 year's storage of 76.64 BCM.

Table – 2.1 : For 91 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	43	90	91
Last Week	46	91	91
The percentage to live capacity at FRL was 48% on 01/02/2017, 38% on 01/02/2016, 50% on 29/01/2015 and 60% on 30/01/2014.			
<i>Source: CWC</i>			

There were 56 reservoirs having storage more than 80% of normal storage, 23 reservoirs having storage between 50% to 80%, 06 reservoir having storage between 30% to 50%, 06 reservoirs having storage upto 30% of Normal Storage and 01 reservoir having no live storage.



Source: Central Water Commission

3. Fertilizer Position:

Table – 3.1: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Rabi 2017 (As on 31.01.2018)

(in '000 Tonnes)

Availability / Sale / Closing Stock	Urea	DAP	MOP	Complex	SSP
Opening Stock as on 01.10.2017	1080	967	214	966	242
Requirement for Rabi, 2017	15430	5083	1670	5046	2948
Requirement upto January, 2018	2684	487	272	774	457
Availability upto 31.01.2018	11961	4069	1396	4299	1613
Sales upto 31.01.2018	11362	3634	1037	3277	1327
Closing Stock upto 31.01.2018	600	435	359	1022	286

Source: Fertilizer Division (DAC&FW) / Deptt. of Fertilizer

4. Pest & Diseases:

- Incidence of Pink Bollworm on Cotton at above ETL in Chandur bazar and Warud Talukas of Amarawati district of Maharashtra.
- Incidence of Aphid on Mustard at medium to high level at Jharsuguda, Keonjhar, Sambalpur, Sundargarh districts of Odisha.
- Infestation of Alternaria leaf spot in Black gram at Trace to Moderate intensity in Cuttack district of Odisha.
- Incidence of Rugose Spiraling whitefly in Coconut at Low to Medium level at Mandya, Dakshina Kannada and Udupi districts of Karnataka.
- Incidence of Black headed caterpillar in coconut at Low to Medium level at Malavalli and Upnahalli villages of Mandya district of Karnataka.
- Infestation Dry root rot disease in Chickpea at Low to Moderate intensity in Kotekallur and Shahpur village in Nanded district of Maharashtra
- Incidence of wilt and Pod borer in Chick Pea at above ETL at Amravati, Warud, Murtizapur, Akola, Tiwsa Talukas of Maharashtra.
- Incidence of pod borer in Chickpea is above ETL in 58 villages of Amravati, Buldana, Yavatmal, Chanderpur, Bhandara, Nanded, Latur, Parbhani, Beed, Ahmadnagar, Sholapur districts of Maharashtra state.
- In other crops, overall intensity of pests and diseases remained below Economic Threshold Level (ETL).
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

5. **Availability position of seeds and fertilizers has been found satisfactory.**

6. All India Crop Situation

Table: 6.1

All India Rabi Crop Situation (2017-18) as on 02.02.2018 (Final)

							(Area in lakh hectares)
Crop Name	Normal Area	Area sown			Absolute Change over (+/-)	% Change over	
		This Year	% of Normal	Last Year	Last Year	Last Year	
Wheat	304.43	300.70	98.8	317.82	-17.1	-5.4	
Rice	41.07	28.61	69.7	24.21	4.4	18.2	
Jowar	37.52	30.93	82.4	32.18	-1.3	-3.9	
Maize	15.73	16.71	106.2	16.26	0.4	2.7	
Barley	6.62	7.62	115.1	8.16	-0.5	-6.6	
Total Coarse Cereals	59.87	56.27	94.0	57.23	-1.0	-1.7	
Total Cereals	405.37	385.58	95.1	399.26	-13.7	-3.4	
Gram	86.80	107.24	123.6	99.04	8.2	8.3	
Lentil	14.14	17.34	122.6	17.25	0.1	0.6	
Peas	8.72	11.90	136.4	11.93	0.0	-0.3	
Kulthi(Horse Gram)	2.20	4.24	193.1	3.71	0.5	14.3	
Urad	7.85	8.47	107.9	9.21	-0.7	-8.1	
Moong	9.26	7.15	77.1	6.31	0.8	13.2	
Lathyrus	4.70	3.90	82.9	4.22	-0.3	-7.6	
Others	3.55	6.22	175.5	6.34	-0.1	-1.9	
Total Pulses	137.22	166.47	121.3	158.02	8.4	5.3	
Total Foodgrains	542.59	552.04	101.7	557.28	-5.2	-0.9	
Rapeseed & Mustard	60.89	66.84	109.8	70.60	-3.8	-5.3	
Groundnut	8.22	6.04	73.4	6.03	0.0	0.1	
Safflower	1.83	0.81	44.5	1.05	-0.2	-22.8	
Sunflower	4.33	1.70	39.3	1.69	0.0	0.6	
Sesamum	2.97	0.53	17.8	0.65	-0.1	-18.6	
Linseed	2.92	4.01	137.2	3.84	0.2	4.4	
Total Oilseeds (Nine)	81.17	80.29	98.9	84.44	-4.2	-4.9	
All- Crops	623.76	632.34	101.4	641.72	-9.4	-1.5	

Source: Crops & TMOP Divisions, DAC&FW

7. Progressive procurement of Rice as on 02.02.2018

Table: 7.1

(lakh tonnes)

State	Target (only kharif crop) in marketing season 2017-18 (Oct. – Sept.)	Progressive Procurement as on 02.02.2018	
		In Marketing season 2017-2018	In Marketing season 2016-2017
Andhra Pradesh	25.00	20.74	18.63
Telangana	15.00	12.24	10.95
Bihar	12.00	2.40	2.15
Chhattisgarh	48.00	31.93	45.43
Haryana	30.00	39.67	35.70
Kerala	1.00	0.97	1.28
Madhya Pradesh	13.00	10.96	12.97
Maharashtra	4.00	1.33	1.76
Odisha	30.00	18.28	14.66
Punjab	115.00	118.33	110.44
Tamil Nadu	10.00	0.13	0.10
Uttar Pradesh	37.00	26.34	14.62
Uttrakhand	7.00	0.36	5.85
West Bengal	23.00	0.09	1.61
All-India	375.00	284.64	276.61

8. Progressive procurement of Wheat as on 02.02.2018

Table: 8.1

(lakh tonnes)

State	Target in marketing season 2017-18 (April – March)	Progressive Procurement as on 02.02.2018	
		In Marketing season 2017-2018	In Marketing season 2016-2017
Haryana	75.00	74.32	67.52
Madhya Pradesh	85.00	67.25	39.92
Punjab	115.00	117.06	106.49
Rajasthan	17.50	12.45	7.62
Uttar Pradesh	30.00	36.99	7.97
All-India	330.00	308.25	229.62