

F. No. 3-1/ 2014-15-CFCC-E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(CROP FORECAST COORDINATION CENTRE)

Room No. 344-A, Krishi Bhawan, New Delhi

Dated: 19.03.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 13.03.2015.

Summary observations of the Group on Agenda Items

- *In the pre-monsoon season, cumulative Rainfall for the country as a whole during the period 1st March to 11th March, 2015 is 237% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -17% in East & North East India and higher by 314% in South Peninsula, 313% in North West India and 514% in Central India.*
- *Out of a total of 36 met sub-divisions, 29 met sub-divisions constituting 85% of the total area of the country has received excess/normal rainfall, 6 met sub-divisions constituting 14% of the total area of the country received deficient/scanty rainfall and 1 met sub-division constituting 1% of the total area of the country received no rain.*
- *Central Water Commission monitors 85 major reservoirs in the country which have total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 12th March, 2015 was 59.69 BCM as against 72.45 BCM on 12.03.2014 (last year) and 57.37 BCM of normal (average storage of the last 10 years) storage. Current year's storage is 82% of the last year's storage and 104% of the normal storage.*
- *All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of January, 2015, decreased to -0.39% from 0.11 in the month of December, 2014. The inflation rate was 5.11% during the corresponding period of last year.*
- *Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of January, 2015, increased to 3.27% from 2.17% in the month of December, 2014. The inflation rate was 6.80% during the corresponding period of last year.*
- *The inflation for non-food items decreased to -4.07% from the previous month's level of -3.06% and for the food items the inflation increased to 8.00% from the previous month's level of 5.20%.*
- *Among the foodgrains, Rice has decreased to 4% from the previous month's 4.43%. The inflation for Cereals has increased to 1.65% from the previous month's 1.26%, Wheat to -1.63% from the previous month's -2.46% and Pulses to 12.34% from the previous month's 5.88%.*

- *All-India progressive procurement of Rice as on 13.03.2015 for the marketing season 2014-15 was 232.33 lakh tonnes against the procurement of 237.02 lakh tonnes upto the corresponding period of last year.*
- *In view of the forecast of heavy rains accompanied with hailstorm by IMD in Northwest and Central India, Crops Division have been advised to issue advisory to state governments after the consultation with Horticulture through Farmers' Portal and other mediums like Krishi Darshan, All-India News etc.*
- *The Plant Protection Division informed that the South American Pinworm pest has been traced on Tomato crop in the States of Maharashtra, Gujarat, Karnataka etc. Plant Protection Division have been advised to issue the advisory to the state governments to take the preventive measures to contain the damage being caused by the South American Pinworm pest.*
- *D/o Consumer Affairs have been advised to prepare the assessment of future prices for monitoring the prices of the essential commodities.*

Pre-Monsoon Season (March – May) during the week ending on 11th March, 2015

Sub-division-wise daily distribution of rainfall and minimum temperature are shown in Table-1

- **Rainfall during the week (05th March, 2015 to 11th March, 2015)**-Rainfall was excess/normal in 18, deficient/scanty in 12 and no rain in 06 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st March to 11th March, 2015)** Rainfall was excess/normal in 29, deficient/scanty in 06 and no rain in 01 out of 36 meteorological sub-divisions.

Table-2: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (11.03.2015)				Cumulative (01.03.15 to 11.03.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	18.5	10.7	73	E	65.6	15.9	313	E
Central India	1.3	1.9	-29	D	21.5	3.5	514	E
South Peninsular India	10.6	3.1	243	E	17.4	4.2	314	E
East & North-East India	5.7	11.1	-49	D	14.2	17.1	-17	N
Country as a whole	9.1	6.4	43	E	33.1	9.8	237	E

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.

Source: India Meteorological Department, New Delhi

Table – 3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India Percentage Rainfall Departure for the last five years since: 1st March

No. of Sub-Divisions with rainfall	<i>For the period from 1st March to</i>					
	10 MAR 2010	09 MAR 2011	14 MAR 2012	13 MAR 2013	12 MAR 2014	11 MAR 2015
Excess	00	04	03	07	26	26
Normal	01	00	04	01	04	03
Total	01	04	07	08	30	29
Deficient	03	05	06	02	01	02
Scanty	13	13	10	09	03	04
No rain	19	14	13	17	02	01
Total	35	32	29	28	06	07
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 55%	(-) 31%	198%	(-) 73%	115%	237%

Source: IMD

1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

SouthPeninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

Table-1

SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL AND MAXIMUM & MINIMUM TEMPERATURES-2015																										
S.No	METEOROLOGICAL SUB-DIVISIONS	RAINFALL							MAXIMUM TEMPERATURE							MINIMUM TEMPERATURE										
		05 MAR	06 MAR	07 MAR	08 MAR	09 MAR	10 MAR	11 MAR	05 MAR	06 MAR	07 MAR	08 MAR	09 MAR	10 MAR	11 MAR	05 MAR	06 MAR	07 MAR	08 MAR	09 MAR	10 MAR	11 MAR				
1	A & N ISLANDS	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2	ARUNACHAL PRADESH	FWS	ISOL	ISOL	ISOL	DRY	DRY	DRY	N	N	N	AN	AN	N	AN	N	N	N	N	N	N	N	N	N	N	N
3	ASSAM & MEGHALAYA	SCT	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AN	AN	AN	N	N	N	N	N	N	N	N	N	N	N
4	N.M.M.&TRIPURA	SCT	ISOL	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AN	N	AN	N	N	N	N	N	N	N	N	N	N	N
5	S.H.W.B &SIKKIM	ISOL	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
6	GANGETIC W. BENGAL	ISOL	DRY	ISOL	ISOL	DRY	DRY	DRY	N	N	BN	N	N	N	N	N	N	BN	BN	ABN	BN	N	N	N	N	N
7	ODISHA	ISOL	DRY	DRY	DRY	DRY	ISOL	ISOL	N	N	N	N	N	AN	AN	N	N	BN	N	ABN	N	N	N	N	N	N
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	AN	N	N	N	N	BN	N	N	N	N	N	N	N
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
10	EAST UTTAR PRADESH	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY	BN	N	N	N	N	N	N	BN	N	N	N	N	N	N	N	N	BN	N
11	WEST UTTAR PRADESH	DRY	DRY	DRY	SCT	ISOL	DRY	DRY	N	N	N	BN	N	N	N	N	N	N	N	AN	N	BN	N	N	N	N
12	UTTARAKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	WS	SCT	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	BN	N	N
13	HAR.CHD. & DELHI	DRY	ISOL	DRY	WS	SCT	DRY	DRY	N	N	N	BN	MBN	N	BN	N	N	BN	N	N	N	BN	BN	N	N	N
14	PUNJAB	ISOL	ISOL	DRY	SCT	WS	DRY	DRY	N	N	N	BN	MBN	N	N	N	N	BN	BN	ABN	BN	BN	N	N	N	N
15	HIMACHAL PRADESH	ISOL	WS	ISOL	WS	WS	ISOL	DRY	MBN	BN	BN	BN	N	N	N	N	N	BN	BN	BN	N	BN	BN	BN	BN	BN
16	JAMMU & KASHMIR	SCT	WS	DRY	WS	WS	DRY	DRY	MBN	ABN	ABN	MBN	N	N	N	N	N	N	N	N	N	BN	BN	BN	BN	BN
17	WEST RAJASTHAN	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY	N	ABN	N	BN	MBN	ABN	N	N	N	N	N	N	BN	BN	BN	BN	BN	BN
18	EAST RAJASTHAN	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY	BN	N	N	BN	MBN	ABN	N	N	N	N	N	N	N	BN	BN	BN	BN	BN
19	WEST M.PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL	BN	N	N	BN	BN	N	N	N	N	N	N	AN	N	BN	N	N	N	N
20	EAST M.PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	BN	ABN	N	N	N	N	N	N	N	N	BN	BN	N	N	N	N	N	N
21	GUJ.REG. D.D & N.H	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	N	N	BN	BN	N	AN	N	N	N	N	N	N	N	N	N	N	AN
22	SAURASTRA K & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	N	N	N	N	N	N	AN	N	N	N	N	N	N	N	N	N	N
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AN	AN	N	N	N	N	N	N	N	N	N	AN
24	M. MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL	BN	BN	N	N	N	N	N	BN	N	N	N	N	N	N	N	N	N	N
25	MARATHAWADA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	N	BN	N	N	N	N	N	BN	N	N	N	N	N	N	N	N	N	N
26	VIDARBHA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	BN	BN	N	N	N	N	N	BN	N	N	N	AN	N	N	N	N	N	N
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	BN	BN	N	N	N	N	N	N	N	N	AN	N	N	N	N	N	N
28	COASTAL A.PRADESH	DRY	DRY	ISOL	ISOL	DRY	ISOL	DRY	N	N	N	N	N	N	N	N	N	N	N	AN	AN	N	N	N	N	BN
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	ISOL	N	N	N	N	MBN	N	BN	N	N	N	N	N	N	N	N	N	N	N
30	RAYALASEEMA	DRY	DRY	ISOL	ISOL	DRY	ISOL	DRY	N	N	N	N	N	N	N	N	N	N	N	AN	AN	AN	N	N	N	N
31	TAMIL & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	DRY	ISOL	DRY	N	AN	N	N	N	N	N	N	N	N	N	AN	AN	AN	N	N	N	N
32	COASTAL KARNATAKA	DRY	DRY	DRY	ISOL	SCT	SCT	DRY	N	N	N	N	N	N	N	AN	N	N	N	N	N	N	N	N	N	N
33	N. I. KARNATAKA	DRY	DRY	ISOL	ISOL	SCT	SCT	ISOL	N	N	N	N	MBN	ABN	BN	N	N	N	N	N	N	N	N	N	N	N
34	S. I. KARNATAKA	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	ISOL	N	N	N	N	N	N	N	N	N	N	N	AN	N	N	N	N	N	N
35	KERALA	ISOL	ISOL	SCT	SCT	ISOL	SCT	ISOL	N	AN	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL																	
WS	WIDESPREAD/ MOST PLACES	FWS	FAIRLY WIDESPREAD/ MANY PLACES	SCT	SCATTERED/FEW PLACES	ISOL	ISOLATED	DRY	DRY/MAINLY DRY								
RAINFALL ACTIVITY		*	ACTIVE	** VIGOROUS													
LEGENDS FOR TEMPERATURE																	
N	NORMAL (N,N+1,N-1) ^o C	BN	BELOW NORMAL (N-2) ^o C	ABN	APRECIABLY BELOW NORMAL (N-3, -4) ^o C	MBN	MARKEDLY BELOW NORMAL (N-5 AND BELOW) ^o C										
		AN	ABOVE NORMAL (N+2) ^o C	AAN	APRECIABLY ABOVE NORMAL (N+3,+4) ^o C	MAN	MARKEDLY ABOVE NORMAL (N+5 AND ABOVE) ^o C										
*	Cold Heat wave conditions	** Severe Cold/ Heat wave conditions															

Reservoir Status (For the week ending on 12.03.2015)

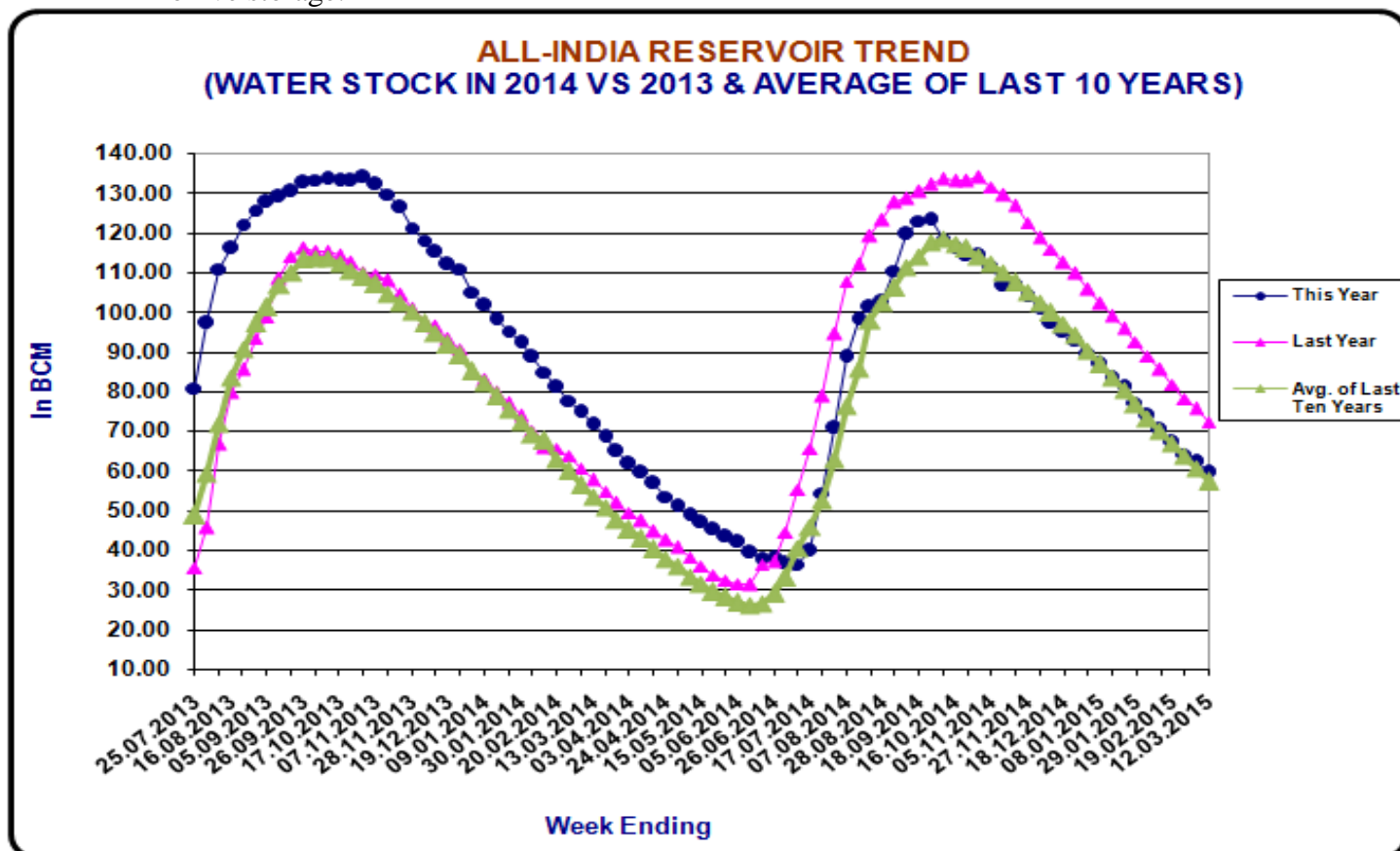
- The Central Water Commission monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 59.69 BCM from the previous week's level of 62.25 BCM. Current storage is **lower** than the last year's position of 72.45 BCM and more than the average of last 10 year's storage of 57.37 BCM.

Table – 4: For 85 major reservoirs of the country

Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	39	82	104
Last Week	40	82	103
The percentage to live capacity at FRL was 47% on 12/03/2014, 38% on 12/03/2013, 42% on 01/03/2012 and 48 on 03/03/2011.			
* Live storage as % to Full Reservoir Level (FRL) of 155.05 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 58 reservoirs having storage more than 80%, 17 reservoirs having storage between 50% to 80% of Normal Storage, 08 reservoir having storage between 30% to 50% of Normal Storage and 02 reservoir having storage 30% or below of Normal Storage and 01 reservoir having no live storage.



Source: Central Water Commission

* The State wise details (reservoir position) are given in the Annex. III

Fertilizer Position:

Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Rabi 2014-15 (As on 13.03.2015)

(in '000 Tonne)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>	<i>SSP</i>
<i>Opening Stock as on 01.10.2014</i>	<i>99</i>	<i>297</i>	<i>243</i>	<i>297</i>	<i>280</i>
<i>Requirement for Rabi, 2014</i>	<i>16011</i>	<i>4787</i>	<i>1541</i>	<i>5022</i>	<i>3508</i>
<i>Requirement upto February, 2015</i>	<i>14990</i>	<i>4481</i>	<i>1373</i>	<i>4467</i>	<i>3207</i>
<i>Availability upto 13.03.2015</i>	<i>15206</i>	<i>3598</i>	<i>1915</i>	<i>4716</i>	<i>2132</i>
<i>Sales upto 13.03.2015</i>	<i>14645</i>	<i>3088</i>	<i>1091</i>	<i>3831</i>	<i>1437</i>
<i>Closing Stock as on 13.03.2015</i>	<i>561</i>	<i>511</i>	<i>824</i>	<i>886</i>	<i>695</i>
<i>Requirement of March, 2015</i>	<i>1021</i>	<i>306</i>	<i>167</i>	<i>554</i>	<i>301</i>

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

Pest & Diseases:

- The incidence of pest & diseases generally remained below Economic Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

Table - 6 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Inflation (year on year)		
		Jan., 2015	Dec., 2014	Jan., 2014
All Commodities	100	-0.39	0.11	5.11
Primary Articles	20.12	3.27	2.17	6.80
(a) Food Articles	14.34	8.00	5.20	8.85
Cereals	3.37	1.65	1.26	9.27
Rice	1.79	4.00	4.43	13.41
Wheat	1.12	-1.63	-2.46	6.79
Pulses	0.72	12.34	5.88	-7.12
Gram	0.33	-2.36	-8.67	-22.71
Arhar	0.13	12.36	7.09	8.72
Moong	0.08	30.58	21.74	10.89
Masur	0.05	27.07	22.33	12.39
Urad	0.10	26.67	20.98	7.37
Vegetables	1.74	19.74	-4.78	13.51
Potato	0.20	2.11	13.76	16.00
Onion	0.18	-1.90	-18.54	0.47
Fruits	2.11	17.19	17.87	6.58
Milk	3.24	9.13	9.72	7.22
Egg, Meat & Fish	2.41	-1.51	0.68	12.12
(b) Non-Food Articles	4.26	-4.07	-3.06	4.59
Oilseeds	1.78	0.89	-0.49	-2.60
Fuel & Power	14.91	-10.69	-7.82	-10.69

Procurement:**Table – 7: Progressive procurement of Rice as on 13.03.2015 (lakh tonnes)**

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 13.03.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	16.25	32.64
Telangana	44.00	15.58	0.00
Chhattisgarh	43.0	33.54	42.85
Haryana	24.06	19.96	24.04
Kerala	4.00	1.55	1.41
Madhya Pradesh	10.14	8.00	10.40
Maharashtra	2.00	1.27	1.19
Odisha	28.22	19.88	17.52
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.06	0.59
Uttar Pradesh	11.27	14.66	10.19
Uttarakhand	4.63	4.29	3.39
West Bengal	13.59	10.98	6.72
All-India	319.00	232.33	237.02