

**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: 10.03.2015

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
05.03.2015.**

**Summary observations of the Group on Agenda Items**

- *In the winter season, cumulative Rainfall for the country as a whole during the period 1<sup>st</sup> January to 28<sup>th</sup> February, 2015 is -9% lower than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -47% in East & North East India, -50% in South Peninsula and higher by 2% in North West India, 32% in Central India.*
- *Out of a total of 36 met sub-divisions, 18 met sub-divisions constituting 52% of the total area of the country have received excess/normal rainfall and 18 met sub-divisions constituting 48% of the total area of the country have received deficient/scanty rainfall.*
- *Central Water Commission monitors 85 major reservoirs in the country which have a total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 04<sup>th</sup> March, 2015 was 62.19 BCM as against 75.90 BCM on 04.03.2014 (last year) and 60.69 BCM of normal storage (average storage of the last 10 years). Current year's storage is 82% of the last year's and 102% of the normal storage.*
- *The 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 the level of 0.11 in the month of December, 2014. The inflation rate was 5.11% during the corresponding period of last year.*
- *The 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 the level of 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 has decreased to -4.07% from the previous month's level of -3.06% and for the food items has increased to 8.00% from the previous month's level of 5.20%.*
- *Among the foodgrains, Rice has decreased to 4.00% from the previous month's level of 4.43%. The inflation for Cereals has increased to 1.65% from the previous month's level of 1.26%, Wheat to -1.63% from the previous month's level of -2.46% and Pulses has to 12.34% from the previous month's level of 5.88%.*
- *All-India progressive procurement of Rice as on 05.03.2015 for the marketing season 2014-15 was 229.49 lakh tonnes against the procurement of 244.10 lakh tonnes upto the corresponding period of last year.*

## Winter Season (Jan. – Feb.) during the week ending on 04<sup>th</sup> March, 2015

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

- **Rainfall during the week (26<sup>th</sup> January, 2015 to 28<sup>th</sup> February, 2015)** Rainfall was excess/normal in 31, scanty in 04 and no rain in 01 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> January to 28<sup>th</sup> February, 2015)** Rainfall was excess/normal in 18 and deficient/scanty in 18 out of 36 meteorological sub-divisions.

**Table-2: Weekly and Cumulative Rainfall in four regions of the country<sup>1</sup>**

Region	Week Ending (28.02.2015)				Cumulative (01.01.15 to 28.02.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	56.8	10.5	441	E	79.0	77.6	2	N
Central India	19.7	2.5	689	E	21.0	15.9	32	E
South Peninsular India	7.3	2.0	264	E	7.6	15.2	-50	D
East & North-East India	15.1	9.9	53	E	29.6	55.8	-47	D
Country as a whole	27.9	6.1	358	E	37.6	41.4	-9	N

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 % Rainfall Departure for the last five years since : 1<sup>st</sup> January**

No. of Sub-Divisions with rainfall	For the period from 1 <sup>st</sup> January to					
	28 FEB 2010	28 FEB 2011	29 FEB 2012	28 FEB 2013	28 FEB 2014	28 FEB 2015
Excess	08	06	07	25	16	09
Normal	04	07	03	04	05	09
<b>Total</b>	<b>12</b>	<b>13</b>	<b>10</b>	<b>29</b>	<b>21</b>	<b>18</b>
Deficient	08	12	12	02	10	12
Scanty	16	11	11	05	05	06
No rain	00	00	03	00	00	00
<b>Total</b>	<b>24</b>	<b>23</b>	<b>26</b>	<b>07</b>	<b>15</b>	<b>18</b>
Data Inadequate	00	00	00	00	00	00
<b>TOTAL</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>
<b>All-India % Rainfall Deviation</b>	<b>(-) 44%</b>	<b>(-) 22%</b>	<b>(-) 5%</b>	<b>26%</b>	<b>13%</b>	<b>(-) 9%</b>

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

South Peninsula - 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

METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL & MINIMUM TEMPERATURE-2015															
SR.No	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE						
		26 FEB	27 FEB	28 FEB	01 MAR	02 MAR	03 MAR	04 MAR	26 FEB	27 FEB	28 FEB	01 MAR	02 MAR	03 MAR	04 MAR
1	ANDAMAN & NICOBAR ISLANDS	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AN
2	ARUNACHAL PRADESH	SCT	FWS	SCT	SCT	ISOL	SCT	FWS	AAN	AN	AN	AN	AN	N	N
3	ASSAM & MEGHALAYA	ISOL	FWS	ISOL	ISOL	DRY	ISOL	ISOL	AAN	AN	AN	AN	AN	AN	AN
4	NAGA,MANIMIZO,TRIPURA	DRY	ISOL	DRY	DRY	DRY	DRY	ISOL	AAN	AN	AN	AN	AN	N	N
5	SUB-HIMA.WEST BEN. & SIKKIM	DRY	FWS	DRY	DRY	ISOL	WS	ISOL	AAN	AN	AN	AN	N	N	N
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	ISOL	FWS	AAN	AN	AN	AN	AN	N	N
7	ODISHA	DRY	DRY	DRY	DRY	DRY	ISOL	SCT	N	AN	AN	N	N	N	N
8	JHARKHAND	DRY	ISOL	ISOL	ISOL	ISOL	SCT	SCT	N	AN	AN	N	AN	N	N
9	BIHAR	DRY	ISOL	DRY	DRY	ISOL	SCT	ISOL	AAN	AN	AN	AAN	AN	N	AN
10	EAST UTTAR PRADESH	ISOL	SCT	ISOL	WS	WS	FWS	ISOL	AAN	AN	AN	AAN	AN	AN	N
11	WEST UTTAR PRADESH	ISOL	ISOL	DRY	WS	FWS	FWS	ISOL	N	N	AN	AAN	AN	N	N
12	UTTARAKHAND	WS	WS	SCT	SCT	WS	WS	SCT	N	N	N	N	N	N	BN
13	HARYANA CHAND. & DELHI	ISOL	DRY	DRY	WS	WS	FWS	ISOL	N	N	N	AN	AN	N	N
14	PUNJAB	SCT	DRY	DRY	ISOL	WS	FWS	ISOL	N	N	N	AN	N	N	N
15	HIMACHAL PRADESH	WS	SCT	ISOL	ISOL	WS	WS	WS	N	N	N	N	AN	N	BN
16	JAMMU & KASHMIR	WS	SCT	SCT	WS	WS	WS	WS	N	N	N	N	N	N	N
17	WEST RAJASTHAN	DRY	DRY	DRY	SCT	FWS	DRY	DRY	BN	BN	AN	N	N	N	N
18	EAST RAJASTHAN	DRY	DRY	DRY	SCT	WS	ISOL	ISOL	N	N	N	AN	N	N	N
19	WEST MADHYA PRADESH	DRY	DRY	DRY	SCT	FWS	ISOL	ISOL	AAN	N	N	AN	N	N	BN
20	EAST MADHYA PRADESH	DRY	DRY	DRY	FWS	FWS	ISOL	ISOL	AAN	N	AN	AN	AN	N	N
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	ISOL	SCT	ISOL	ISOL	N	N	N	N	N	N	N
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	SCT	SCT	DRY	ISOL	BN	N	N	N	BN	N	N
23	KONKAN & GOA	DRY	DRY	DRY	WS	WS	DRY	DRY	N	N	N	N	N	BN	BN
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	WS	WS	ISOL	DRY	N	N	N	N	N	BN	BN
25	MARATHAWADA	DRY	DRY	DRY	WS	WS	DRY	DRY	N	N	N	N	N	BN	BN
26	VIDARBHA	DRY	DRY	DRY	FWS**	WS**	ISOL	ISOL	N	N	N	N	N	N	BN
27	CHHATTISGARH	DRY	DRY	DRY	ISOL	FWS	SCT	ISOL	N	N	AN	N	N	N	N
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	BN	N	N	N	AN	N	N
29	TELANGANA	DRY	DRY	DRY	DRY	SCT	ISOL	DRY	N	N	N	N	N	N	N
30	RAYALASEEMA	DRY	DRY	DRY	DRY	ISOL	ISOL	SCT	N	N	AN	N	AN	N	N
31	TAMILNADU & PUDUCHERRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	AN	N	AN	AN	AN	AN	N
32	COASTAL KARNATAKA	DRY	DRY	DRY	ISOL	SCT	ISOL	DRY	N	N	N	N	N	N	N
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	SCT	SCT	ISOL	DRY	N	N	N	N	N	N	N
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	SCT	ISOL	ISOL	ISOL	N	N	N	N	N	N	N
35	KERALA	ISOL	ISOL	DRY	ISOL	ISOL	SCT	SCT	N	N	N	N	N	N	N
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL:													
WS	WIDE SPREAD / MOST PLACES (70-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51-70%)	SCT	SCATTERED- FEW PLACES (20-50%)	ISOL	ISOLATED (UP TO 25%)						
DRY	NO STATION REPORTED RAINFALL	RAINFALL ACTIVITY		*	ACTIVE (R.P 1-4 times the normal)	**	VIGOROUS (R.P More than 4 times)						

LEGENDS FOR TEMPERATURE:													
N	NORMAL (N-1, N+1)°C	BN	BELOW NORMAL (N-2)°C	ABN	APRECIABLY BELOW NORMAL (N-3, -4)°C	MBN	MARKEDLY BELOW NORMAL (N-4 AND BELOW) °C						
AN	ABOVE NORMAL (N+2)°C	AAN	APRECIABLY ABOVE NORMAL (N+3, +4)°C	MAN	MARKEDLY ABOVE NORMAL (N+4 AND ABOVE) °C								
*	Cold wave conditions (Departure from Normal at -4°C to -5°C and -5°C to -6°C)			**	Severe Cold wave conditions (Departure from Normal at -6°C or less and -7°C or less)								

## Reservoir Status (For the week ending on 04.03.2015)

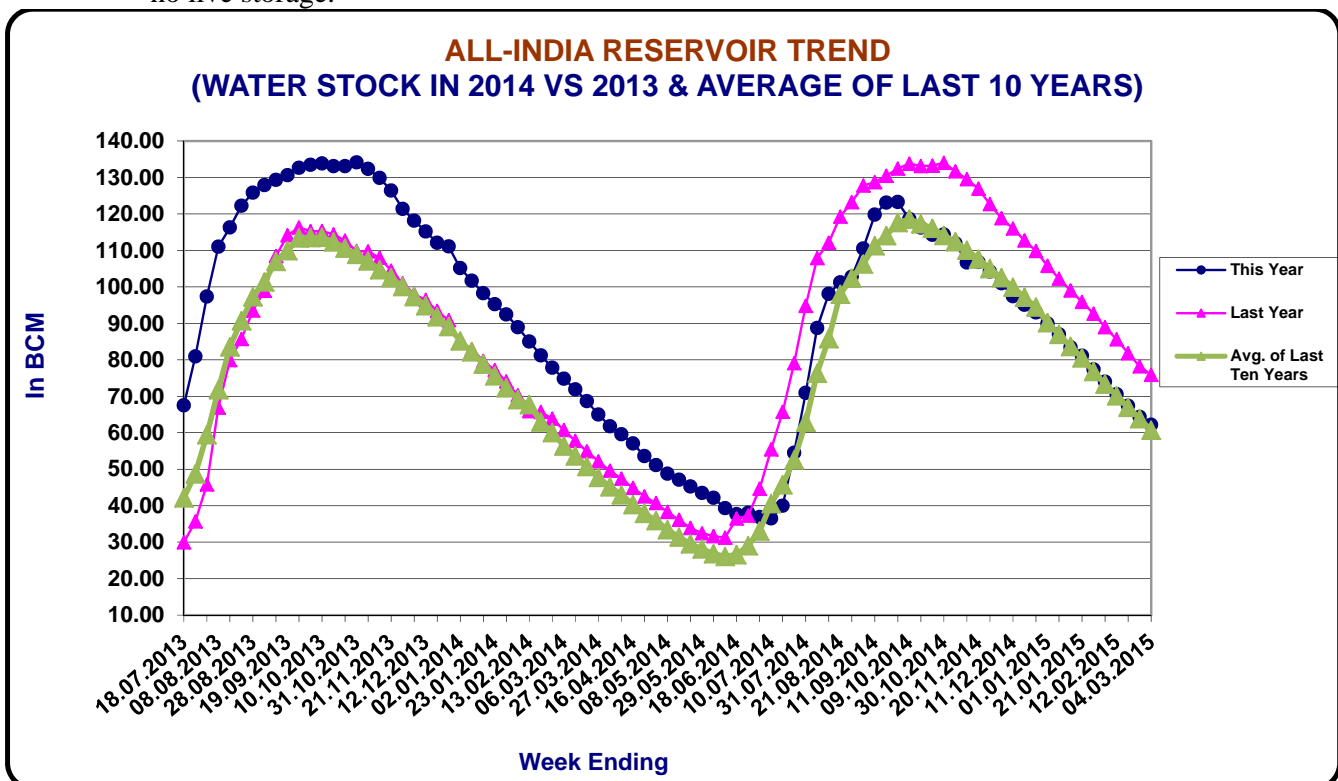
- The Central Water Commission monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 62.19 BCM from the previous week's level of 64.35 BCM. Current storage is **lower** than the last year's position of 75.90 BCM and more than the average of last 10 year's storage of 60.69 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	40	82	102
Last Week	42	82	101
The percentage to live capacity at FRL was 49% on 04/03/2014, 40% on 04/03/2013, 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 28.02.2015)***

*(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 January, 2015</i>	<i>13319</i>	<i>4150</i>	<i>1180</i>	<i>3168</i>	<i>2860</i>
<i>Availability upto 28.02.2015</i>	<i>14597</i>	<i>3477</i>	<i>1429</i>	<i>4509</i>	<i>2031</i>
<i>Sales upto 28.02.2015</i>	<i>14101</i>	<i>2952</i>	<i>994</i>	<i>3619</i>	<i>1601</i>
<i>Closing Stock as on 28.02.2015</i>	<i>497</i>	<i>525</i>	<i>435</i>	<i>891</i>	<i>430</i>
<i>Requirement of February, 2015</i>	<i>1671</i>	<i>331</i>	<i>194</i>	<i>579</i>	<i>347</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
<b>All Commodities</b>	<b>100</b>	<b>-0.39</b>	<b>0.11</b>	<b>5.11</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>3.27</b>	<b>2.17</b>	<b>6.80</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>8.00</b>	<b>5.20</b>	<b>8.85</b>
<b>Cereals</b>	<b>3.37</b>	<b>1.65</b>	<b>1.26</b>	<b>9.27</b>
Rice	1.79	4.00	4.43	13.41
Wheat	1.12	-1.63	-2.46	6.79
<b>Pulses</b>	<b>0.72</b>	<b>12.34</b>	<b>5.88</b>	<b>-7.12</b>
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
<b>Vegetables</b>	<b>1.74</b>	<b>19.74</b>	<b>-4.78</b>	<b>13.51</b>
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>(b) Non-Food Articles</b>	<b>4.26</b>	<b>-4.07</b>	<b>-3.06</b>	<b>4.59</b>
<b>Oilseeds</b>	<b>1.78</b>	<b>0.89</b>	<b>-0.49</b>	<b>-2.60</b>
Fuel & Power	14.91	-10.69	-7.82	-10.69

## Procurement:

Table – 7: Progressive procurement of Rice as on 05.03.2015 (lakh tonnes)

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 05.03.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	15.60	31.44
Telangana	44.00	15.48	0.00
Chhattisgarh	43.0	33.54	53.37
Haryana	24.06	19.96	24.04
Kerala	4.00	1.28	1.25
Madhya Pradesh	10.14	8.00	10.40
Maharashtra	2.00	1.20	1.12
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	14.46	9.89
Uttarakhand	4.63	4.29	3.19
West Bengal	13.59	10.47	6.33
All-India	319.00	229.49	244.10