

**F.NO. 3-1/2012-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: 21<sup>st</sup> February, 2013

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
15.02.2013.**

*Summary observations of the Group on Agenda Items*

- *Cumulative Winter Rainfall for the country as a whole during the period 1<sup>st</sup> January to 13<sup>th</sup> February, 2012 is 17% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was 19% in North West India, (-) 56% in Central India, (-) 50% in South Peninsula and (-) 83% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 15 met sub-divisions constituting 43% of the total area of the country have received excess / normal rainfall, 20 met sub-divisions constituting 56% of the total area of the country have received deficient/scanty rainfall and one met sub-divisions constituting 1% of the total area of the country have received no rainfall.*
- *Central Water Commission monitors 84 major reservoirs in the country which have a total live capacity of 154.42 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 14<sup>th</sup> February, 2013 was 68.72 BCM as against 75.69 BCM on 14.02.2012(last year) and 64.29 BCM of normal storage (average storage of the last 10 years). Current year's storage is 91% of the last year's and 107% of the normal storage. Major States reporting lower than normal storage are Tripura, Maharashtra, Andhra Pradesh, Karnataka, Kerala and Tamil Nadu.*
- *As per latest information available on sowing of crops, around 103% of the normal area under Rabi crops have been sown upto 15.02.2013. Area sown under all rabi crops taken together has been reported to be 624.98 lakh hectares at All India level as compared to 619.73 lakh hectares in the corresponding period of 2011-12. Area reported was higher by 1.2 lakh ha. under Jowar, 1.9 lakh ha. under Maize, 5.0 lakh ha. under Gram, 1.4 lakh ha. under Rapeseed & Mustard and 1.0 lakh ha. under Groundnut. Area coverage was lower by 2.8 lakh ha. under Rice and 1.4 lakh ha. under Urad.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of January 2013, decreased to 6.62% from the level of 7.18% in the month of December, 2012. The inflation rate was 7.23% 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 2013, decreased to 10.31% from the level of 10.61% in the month of December, 2012. The inflation rate was 2.76% during the corresponding period of last year.*
- *The inflation for non-food items has decreased to 10.49% from the previous month's level of 13.23% and for the food items has increased to 11.88% from the previous month's level of 11.16%.*
- *Among the foodgrains, inflation for Rice has increased to 17.31% from the previous month's level of 17.10% and Wheat has decreased to 21.39% from the previous month's level of 23.23%, Cereals to 18.09% from the previous month's level of 19.02% and Pulses to 16.89% from the previous month's level of 17.57%.*
- *All-India progressive procurement of Rice for the marketing season 2012-13 as on 15.02.2013 was 256.08 lakh tonnes against the procurement of 241.35 lakh tonnes upto the corresponding period of last year.*

## Salient aspects of discussions / presentations in the meeting

### **Rainfall & Temperature (As reported by India Meteorological Department, (IMD))**

#### **Winter Rainfall (January - February) during the week ending on 13<sup>th</sup> February)), 2013**

- **Widespread rainfall** occurred over East Uttar Pradesh and Uttarakhand for one two days of the week.
- 
- **Fairly widespread rainfall** occurred over Himachal Pradesh and Telangana for one or two days of the week.
- 
- Scattered rainfall occurred over Jharkhand, Chhattisgarh, Interior Karnataka and Kerala for one or two days of the week.
- 
- **Isolated rainfall** occurred over East Madhya Pradesh for many days; over West Madhya Pradesh, Tamil Nadu & Puducherry, North Interior Karnataka and Kerala for a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Bihar Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Madhya Maharashtra, Marathawada, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, Rayalseema, South Interior Karnataka and Lakshadweep for one or two days of the week.
- **Rainfall during the week (07<sup>th</sup> - 13<sup>th</sup> February, 2013)** Rainfall was excess / normal in 10 met sub-divisions, deficient / scanty in 21 and no rain in 05 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> January - 13<sup>th</sup> February, 2013)** Rainfall was excess / normal in 15, deficient / scanty in 20 and no rain in one met sub-division out of 36 meteorological sub-divisions.

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

Region	Week Ending (13.02.2013)				Cumulative (01.01.13 to 13.02.13)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia-tion (%)	Cate-gory
	Actual	Normal			Actual	Normal		
<b>North-West India</b>	<b>2.4</b>	<b>8.4</b>	<b>-72</b>	<b>S</b>	<b>62.2</b>	<b>52.4</b>	<b>19</b>	<b>N</b>
<b>Central India</b>	<b>1.9</b>	<b>2.1</b>	<b>-9</b>	<b>N</b>	<b>5.1</b>	<b>11.5</b>	<b>-56</b>	<b>D</b>
<b>South Peninsular India</b>	<b>1.9</b>	<b>1.5</b>	<b>22</b>	<b>E</b>	<b>5.1</b>	<b>10.3</b>	<b>-50</b>	<b>D</b>
<b>East &amp; North-East India</b>	<b>0.3</b>	<b>6.1</b>	<b>-95</b>	<b>S</b>	<b>5.7</b>	<b>34.6</b>	<b>-83</b>	<b>S</b>
<b>Country as a whole</b>	<b>1.8</b>	<b>4.6</b>	<b>-61</b>	<b>S</b>	<b>22.7</b>	<b>27.5</b>	<b>-17</b>	<b>N</b>

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

Source: India Meteorological Department, New Delhi

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.

## Temperature

### Minimum Temperature

- Markedly above normal over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Bihar and Saurashtra & Kutch for one or two days of the week.
- 
- Above normal to appreciably above normal over Vidarbha and Chhattisgarh for most days; over Andaman & Nicobar Islands, Madhya Maharashtra and Marathawada for many days; over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, East Rajasthan, Madhya Pradesh, Gujarat region and Lakshadweep for a few days and over Arunachal Pradesh, West Bengal & Sikkim, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Punjab, Saurashtra & Kutch, Konkan & Goa, Telangana, Rayalaseema, Tamilnadu & Puducherry, Karnataka and Kerala for one or two days of the week.
- 
- Below normal to appreciably below normal over Gangetic West Bengal and Odisha for a few days and over Jharkhand, Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, East Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa and Coastal Andhra Pradesh for one or two days of the week.
- 
- Near normal over rest region of the country.

### ***Weather Outlook / Forecast for the period 14<sup>th</sup> - 20<sup>th</sup> February, 2013 by IMD***

#### **Outlook for the Week Ending 20<sup>th</sup> February, 2013**

- *Rain/snowfall would occur at many places over Western Himalayan Region during 1<sup>st</sup> half of the week and mainly dry weather thereafter.*
- *Rain/thundershowers would occur at many places over plains of Northwest India and Central India during 1<sup>st</sup> half of the week.*
- *Rain/thundershowers would occur at many places over Easter States and at a few places over Northeastern States during middle of the week.*
- *Rain/thundershowers would occur at a few places over Peninsular India on many days of the week.*
- *Isolated thundershower/hailstorm many also occur Northwest, Central & adjoining North Peninsula and East India during 15<sup>th</sup> to 17<sup>th</sup> February, 213.*
- *Minimum temperature would rise and maximum temperature would fall by 2-4°C over Northwest and adjoining Central India during 1<sup>st</sup> half of the week and near normal thereafter.*

## Reservoir Status (For the week ending on 14.02.2013)

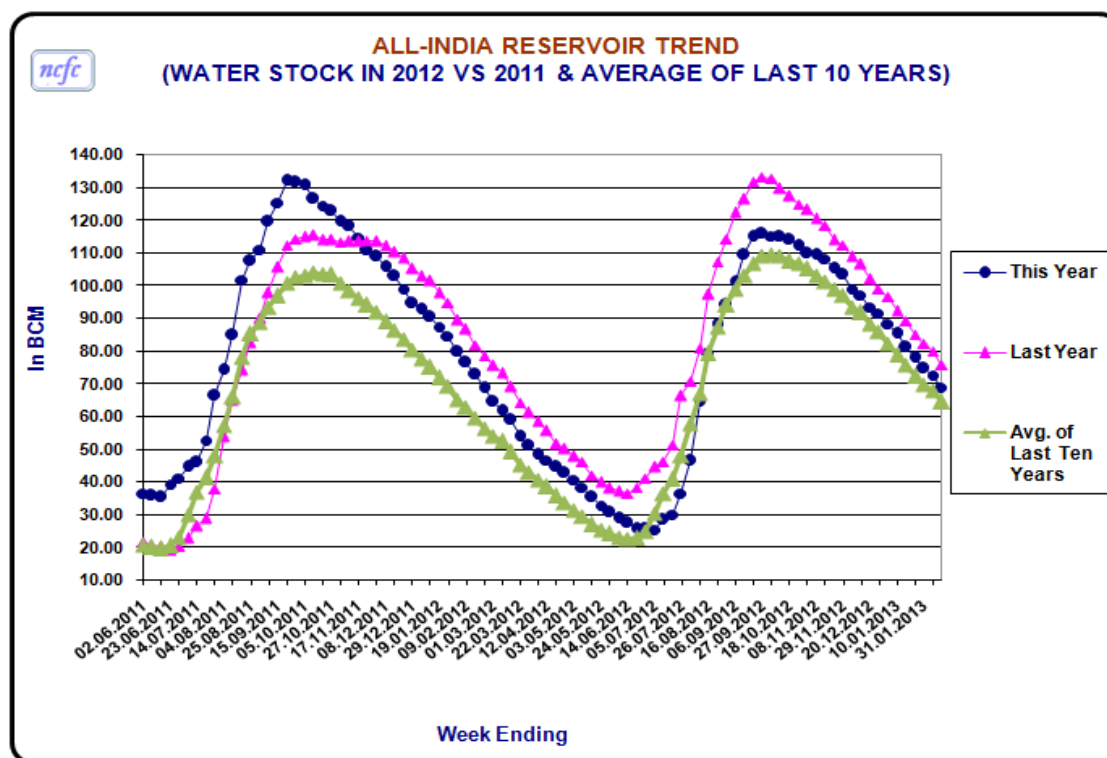
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **decreased** to 68.72 BCM from the previous week's level of 72.49 BCM. Current storage is **less** than the last year's position of 75.69 BCM and lower than the average of last 10 year's storage of 64.29 BCM.

**Table – 2: For 84 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	45	91	107
Last Week	47	91	107
The percentage to live capacity at FRL was 51% on 14/02/2012, 55% on 14/02/2011, 40% on 11/02/2010 and 39% on 12/02 /2009.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 49 reservoirs having storage more than 80%, 11 reservoirs having storage between 50% to 80% of Normal Storage, 07 reservoir having storage between 30% to 50% of Normal Storage, 17 reservoir having storage 30% or below of Normal Storage and 3 reservoirs namely Kabini (Kar), Bhadar (Guj) and Bhima (Maha) having no live storage, .



Source: Central Water Commission

### ***Fertilizer Position:***

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during October, November, December, 2012 & January, 2013***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Demand upto 31<sup>st</sup> January, 2013</i>	<i>13407</i>	<i>4537</i>	<i>1962</i>	<i>4480</i>
<i>Availability upto 31<sup>st</sup> January, 2013</i>	<i>12256</i>	<i>4590</i>	<i>1045</i>	<i>3193</i>
<i>Sales as on 31<sup>st</sup> January, 2013</i>	<i>11728</i>	<i>3618</i>	<i>691</i>	<i>2512</i>
<i>Requirement as on 14.02.2013</i>	<i>1895</i>	<i>490</i>	<i>356</i>	<i>624</i>
<i>Availability as on 14.02.2013</i>	<i>525</i>	<i>166</i>	<i>1</i>	<i>199</i>
<i>Sales as on 14.02.2013</i>	<i>11</i>	<i>1</i>	<i>0</i>	<i>0.3</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: 4

<b>All India Crop Situation - Rabi (2012-13) as on 15-02-2013</b>							
Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			15.02.2013	% of Normal	15.02.2012	Average as on date	Last Year
Wheat	282.62	287.19	298.38	105.6	298.61	11.2	-0.2
Rice	44.99	31.97	24.28	54.0	27.07	-7.7	-2.8
Jowar	44.99	43.75	39.01	86.7	37.79	-4.7	1.2
Maize	11.36	12.20	15.34	135.0	13.46	3.1	1.9
Barley	6.57	7.74	8.01	121.9	7.84	0.3	0.2
Total Coarse Cereals	62.92	64.68	63.27	100.6	60.08	-1.4	3.2
Total Cereals	390.53	383.84	385.93	98.8	385.76	2.1	0.2
Gram	80.57	86.86	94.99	117.9	89.95	8.1	5.0
Lentil	14.46	14.92	15.13	104.6	15.48	0.2	-0.4
Peas	7.15	7.52	7.74	108.3	8.39	0.2	-0.7
Kulthi(Horse Gram)	2.36	4.86	4.98	211.1	5.09	0.1	-0.1
Urad	7.46	8.10	8.22	110.1	9.58	0.1	-1.4
Moong	6.40	6.00	6.71	104.8	6.11	0.7	0.6
Lathyrus	5.46	4.53	4.10	75.1	4.46	-0.4	-0.4
Others	3.61	7.12	8.96	248.1	8.40	1.8	0.6
Total Pulses	127.46	139.91	150.82	118.3	147.46	10.9	3.4
Total Foodgrains	518.00	523.75	536.75	103.6	533.22	13.0	3.5
Rapeseed & Mustard	62.80	65.53	67.26	107.1	65.85	1.7	1.4
Groundnut	8.87	8.16	9.02	101.7	7.99	0.9	1.0
Safflower	3.05	2.60	1.53	50.1	1.94	-1.1	-0.4
Sunflower	10.26	8.01	5.13	50.0	4.56	-2.9	0.6
Sesamum	2.56	0.93	0.72	28.1	0.78	-0.2	-0.1
Linseed	4.03	4.51	3.93	97.6	4.28	-0.6	-0.4
Others	0.00	1.12	0.65	#DIV/0!	1.10	-0.5	-0.5
Total Oilseed (Nine)	91.56	90.85	88.24	96.4	86.51	-2.6	1.7
All- Crops	609.55	614.60	624.98	102.5	619.73	10.4	5.3

Source: Crops &amp; TMOP Divisions, DAC

**Table - 5 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items**

Period / commodities	Weight	Inflation (year on year)		
		January, 2013	December, 2012	January, 2012
<b>All Commodities</b>	<b>100</b>	<b>6.62</b>	<b>7.18</b>	<b>7.23</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>10.31</b>	<b>10.61</b>	<b>2.76</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>11.88</b>	<b>11.16</b>	<b>-0.68</b>
<b>Cereals</b>	<b>3.37</b>	<b>18.09</b>	<b>19.02</b>	<b>2.25</b>
Rice	1.79	17.31	17.10	0.94
Wheat	1.12	21.39	23.23	-3.42
<b>Pulses</b>	<b>0.72</b>	<b>16.89</b>	<b>17.57</b>	<b>11.01</b>
Gram	0.33	24.12	26.50	41.38
Arhar	0.13	8.64	11.00	-3.99
Moong	0.08	19.24	12.60	-10.94
Masur	0.05	18.44	21.60	-5.67
Urad	0.10	0.13	-0.80	-9.80
<b>Vegetables</b>	<b>1.74</b>	<b>28.45</b>	<b>23.25</b>	<b>-43.74</b>
Potato	0.20	79.07	89.08	-23.15
Onions	0.18	111.52	69.24	-75.62
Fruits	2.11	8.42	5.76	6.43
Milk	3.24	4.47	5.85	12.33
Egg, Meat & Fish	2.41	10.81	10.18	<b>18.27</b>
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>10.49</b>	<b>13.23</b>	<b>0.72</b>
Oilseeds	1.78	25.40	28.94	12.77
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>7.06</b>	<b>9.38</b>	<b>12.57</b>



**Procurement:****Table – 6: Progressive procurement of Rice as on 15.02.2013 (lakh tonnes)**

State	Total procurement in marketing season 2011-12 (Oct. – Sept.)	Progressive Procurement as on 15.02.2013	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Andhra Pradesh	75.40	32.38	34.84
Chhattisgarh	41.15	45.37	38.15
Haryana	20.07	25.94	19.96
Kerala	3.72	0.92	1.07
Madhya Pradesh	6.35	9.00	6.32
Maharashtra	1.78	1.52	1.20
Odisha	28.64	22.21	13.34
Punjab	77.31	85.57	77.31
Tamil Nadu	15.96	1.05	7.21
Uttar Pradesh	33.55	16.66	24.00
Uttaranchal	3.78	2.93	2.35
West Bengal	20.41	6.90	5.53
All-India	350.31	256.08	241.35