

**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: 01<sup>st</sup> April, 2013

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
22.03.2013.**

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

- *Cumulative Pre-monsoon Rainfall for the country as a whole during the period 1<sup>st</sup> March to 20<sup>th</sup> March, 2013 is 61% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-)77% in North West India, (-)35% in Central India, 58% in South Peninsula and (-) 70% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 10 met sub-divisions constituting 23% of the total area of the country have received excess / normal rainfall 23 met sub-divisions constituting 70% of the total area of the country have received deficient/scanty rainfall and 03 met sub-divisions constituting 7% 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 21<sup>st</sup> March, 2013 was 56.07 BCM as against 54.81 BCM on 21.03.2012(last year) and 48.33 BCM of normal storage (average storage of the last 10 years). Current year's storage is 102% of the last year's and 116% of the normal storage.*
- *Area coverage under various crops for Rabi season 2012-13 has been finalized and released as 2<sup>nd</sup> Advance Estimates by the Department.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of February 2013, increased to 6.84% from the level of 6.62% in the month of January, 2013. The inflation rate was 7.60% 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 February 2013, decreased to 9.70% from the level of 10.31% in the month of January, 2013. The inflation rate was 7.10% during the corresponding period of last year.*

- *The inflation for non-food items has decreased to 10.06% from the previous month's level of 10.49% and for the food items to 11.38% from the previous month's level of 11.88%.*
- *Among the foodgrains, inflation for Rice has increased to 18.84% from the previous month's level of 17.31%, Wheat to 21.63% from the previous month's level of 21.39% and Cereals to 19.19% from the previous month's level of 18.09% and Pulses has decreased to 14.96% from the previous month's level of 16.89%.*
- *All-India progressive procurement of Rice for the marketing season 2012-13 as on 22.03.2013 was 290.47 lakh tonnes against the procurement of 282.51 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))**

#### **Pre-Monsoon Rainfall (March - May) during the week ending on 20<sup>th</sup> March), 2013**

- **Widespread rainfall** occurred over Arunachal Pradesh, Uttarakhand, Himachal Pradesh and Jammu & Kashmir for one or two days of the week.
- **Fairly widespread rainfall** occurred over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura and Punjab for one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Jharkhand, Haryana, Chandigarh & Delhi, Madhya Pradesh and Vidarbha for one or two days of the week.
- **Isolated rainfall** occurred over Sub-Himalayan West Bengal & Sikkim and Kerala for most days; over Assam & Meghalaya, Vidarbha, Tamilnadu & Puducherry and interior Karnataka for many days; over Jharkhand, Himachal Pradesh, East Madhya Pradesh, Madhya Maharashtra and Coastal Andhra Pradesh for a few days; over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Bihar, Uttar Pradesh, Uttarakhand, Punjab, Jammu & Kashmir, Rajasthan, West Madhya Pradesh, Marathawada and Chhattisgarh for one or two days of the week.
- Weather was mainly **dry** over the rest region of the country.
- **Rainfall during the week (14<sup>th</sup> March - 20<sup>th</sup> March, 2013)** Rainfall was excess / normal in 13 met sub-divisions, deficient / scanty in 19 and no rain in 04 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> March - 20<sup>th</sup> March, 2013)** Rainfall was excess / normal in 10 met sub-divisions, deficient / scanty in 23 met sub-divisions and 03 met sub-divisions out of 36 meteorological sub-divisions.

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

Region	Week Ending (20.03.2013)				Cumulative (01.03.13 to 20.03.13)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia-tion (%)	Cate-gory
Actual	Normal	Actual			Normal			
<b>North-West India</b>	<b>6.6</b>	<b>11.8</b>	<b>-44</b>	<b>D</b>	<b>7.1</b>	<b>31.2</b>	<b>-77</b>	<b>S</b>
<b>Central India</b>	<b>3.7</b>	<b>1.6</b>	<b>139</b>	<b>E</b>	<b>3.8</b>	<b>5.7</b>	<b>-35</b>	<b>D</b>
<b>South Peninsular India</b>	<b>1.7</b>	<b>2.0</b>	<b>-17</b>	<b>N</b>	<b>11.0</b>	<b>7.0</b>	<b>58</b>	<b>E</b>
<b>East &amp; North-East India</b>	<b>7.4</b>	<b>14.2</b>	<b>-48</b>	<b>D</b>	<b>10.9</b>	<b>36.3</b>	<b>-70</b>	<b>S</b>
<b>Country as a whole</b>	<b>4.8</b>	<b>6.8</b>	<b>-29</b>	<b>D</b>	<b>7.3</b>	<b>18.7</b>	<b>-61</b>	<b>S</b>

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

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

## Maximum Temperature

- Markedly above normal over Jammu & Kashmir for many days; over Arunachal Pradesh and Himachal Pradesh for a few days and over Assam & Meghalaya, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Saurashtra & Kutch and Konkan & Goa for one or two days of the week.
- Above normal to appreciably above normal over Uttarakhand, Haryana, Chandigarh & Delhi and Rajasthan for most days; over northeastern States, West Bengal & Sikkim, West Uttar Pradesh and West Madhya Pradesh for many days; over Jharkhand, Punjab, Himachal Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra and South Interior Karnataka for a few days and over Assam & Meghalaya, Bihar, Jammu & Kashmir, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka and Kerala for one or two places during the week.
- Near normal over rest region of the country.

## Minimum Temperature

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

## ***Weather Outlook / Forecast for the period 21<sup>st</sup> - 27<sup>th</sup> March, 2013 by IMD***

### ***Outlook for the Week Ending 27<sup>th</sup> March, 2013***

- *Rain/snowfall would occur at a few places over Western Himalayan region and at one or two places over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh during 23<sup>rd</sup> to 24<sup>th</sup> March, 2013 with possibility of thundersquall at one or two places over Punjab, Haryana & Delhi.*
- *Rain/thundershowers would occur at a few places over Assam & Meghalaya and Arunachal Pradesh and at one or two places over Nagaland, Manipur, Mizoram & Tripura during many days of the week.*
- *Thundersquall may occur at one or two places over Assam, Arunachal Pradesh and Eastern States during 24<sup>th</sup> to 25<sup>th</sup> March, 2013.*
- *A fresh Western Disturbance would affect West Himalayan Region during 23<sup>rd</sup> March onwards.*

## Reservoir Status (For the week ending on 21.03.2013)

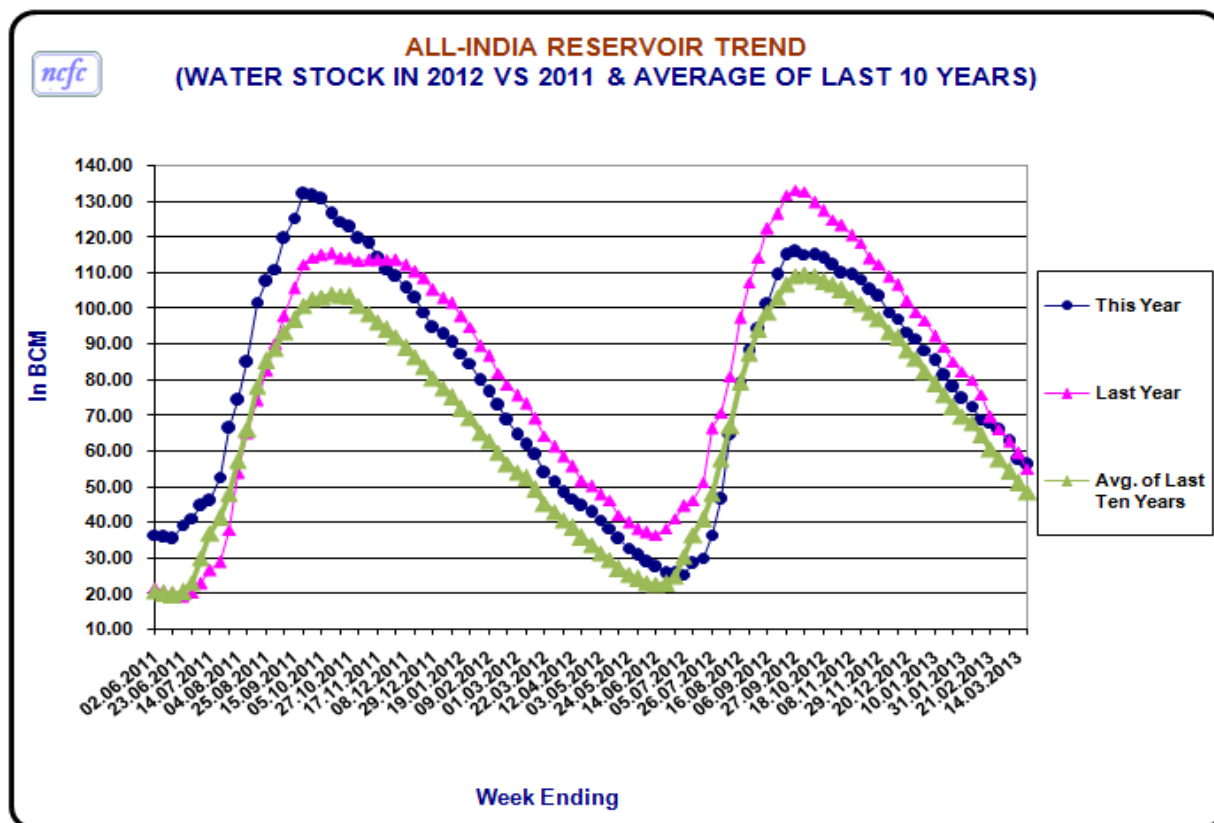
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **decreased** to 56.07 BCM from the previous week's level of 57.34 BCM. Current storage is **less** than the last year's position of 54.81 BCM and lower than the average of last 10 year's storage of 48.33 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	36	102	116
Last Week	37	97	113
The percentage to live capacity at FRL was 39% on 21/03/2012, 42% on 21/03/2011, 30% on 18/03/2010 and 28% on 18/03 /2009.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 51 reservoirs having storage more than 80%, 11 reservoirs having storage between 50% to 80% of Normal Storage, 03 reservoir having storage between 30% to 50% of Normal Storage, 19 reservoir having storage 30% or below of Normal Storage and 05 reservoirs namely Kabini (Kar), Bhadar (Guj), Bhima (Maha) having no live storage, Krishnaraja (Kar) and Gumti (Tripura).



Source: Central Water Commission

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

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during October, 2012 to March, 2013***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Total Requirement in Rabi 2012- 2013</i>	<i>16461</i>	<i>5418</i>	<i>2584</i>	<i>5530</i>
<i>Availability upto 21.03.2013</i>	<i>15924</i>	<i>5289</i>	<i>1093</i>	<i>3813</i>
<i>Sales upto 21.03.2013</i>	<i>14698</i>	<i>4479</i>	<i>886</i>	<i>3228</i>
<i>Closing Stock as on 21.03.2013</i>	<i>1226</i>	<i>810</i>	<i>207</i>	<i>585</i>

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

### **Pest & Diseases:**

- Reports of Yellow Rust in isolated pockets in Punjab and Haryana.
- Damage to about 1.1 lakh ha. area due to hailstorm reported from Haryana.
- 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)</b>					
Crop Name	Normal Area	Area sown reported (In lakh hectares)			
		2nd Adv. Est. 2012-13	% of Normal	Final Est. 2011-12	Difference
Wheat	282.62	294.34	104.1	298.65	-4.3
Rice	44.99	37.88	84.2	38.83	-1.0
Jowar	44.99	38.22	85.0	36.25	2.0
Maize	11.36	12.75	112.2	14.01	-1.3
Barley	6.57	7.55	115.0	6.43	1.1
Total Coarse Cereals	62.92	58.52	93.0	56.69	1.8
Total Cereals	390.53	390.74	100.1	394.17	-3.4
Gram	80.57	89.25	110.8	82.99	6.3
Urad	7.46	8.62	115.5	8.57	0.1
Moong	6.40	8.57	134.0	7.78	0.8
Total Pulses	127.46	142.20	111.6	132.72	9.5
Total Foodgrains	517.99	532.94	102.9	526.89	6.0
Rapeseed & Mustard	62.80	61.97	98.7	58.94	3.0
Groundnut	8.87	10.43	117.6	9.48	1.0
Safflower	3.05	1.57	51.5	2.50	-0.9
Sunflower	10.26	5.56	54.2	4.72	0.8
Linseed	4.03	3.04	75.4	3.23	-0.2
Total Oilseed (Nine)	91.56	82.57	90.2	78.86	3.7
All- Crops	609.55	615.51	101.0	605.75	9.8

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

Period / commodities	Weight	Inflation (year on year)		
		February, 2013	January, 2013	February, 2012
<b>All Commodities</b>	<b>100</b>	<b>6.84</b>	<b>6.62</b>	<b>7.60</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>9.70</b>	<b>10.31</b>	<b>7.10</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>11.38</b>	<b>11.88</b>	<b>6.10</b>
<b>Cereals</b>	<b>3.37</b>	<b>19.19</b>	<b>18.09</b>	<b>1.80</b>
Rice	1.79	18.84	17.31	1.50
Wheat	1.12	21.63	21.39	-4.00
<b>Pulses</b>	<b>0.72</b>	<b>14.96</b>	<b>16.89</b>	<b>7.90</b>
Gram	0.33	16.00	24.12	36.80
Arhar	0.13	13.40	8.64	-12.10
Moong	0.08	17.60	19.24	-8.30
Masur	0.05	29.60	18.44	-7.70
Urad	0.10	4.60	0.13	-10.90
<b>Vegetables</b>	<b>1.74</b>	<b>12.11</b>	<b>28.45</b>	<b>1.70</b>
Potato	0.20	45.99	79.07	-2.20
Onions	0.18	154.33	111.52	-48.70
Fruits	2.11	8.93	8.42	-0.30
Milk	3.24	4.57	4.47	11.70
Egg, Meat & Fish	2.41	12.85	10.81	<b>20.00</b>
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>10.06</b>	<b>10.49</b>	<b>-2.50</b>
Oilseeds	1.78	23.43	25.40	9.40
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>10.47</b>	<b>7.06</b>	<b>12.57</b>



## Procurement:

Table – 6: Progressive procurement of Rice as on 22.03.2013 (lakh tonnes)

State	Total procurement in marketing season 2011-12 (Oct. – Sept.)	Progressive Procurement as on 22.03.2013	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Andhra Pradesh	75.40	39.16	44.50
Chhattisgarh	41.15	47.99	41.00
Haryana	20.07	26.02	20.01
Kerala	3.72	0.92	1.07
Madhya Pradesh	6.35	9.08	6.32
Maharashtra	1.78	1.75	1.42
Odisha	28.64	26.83	18.77
Punjab	77.31	85.57	77.31
Tamil Nadu	15.96	4.22	12.83
Uttar Pradesh	33.55	21.57	29.34
Uttaranchal	3.78	4.12	2.91
West Bengal	20.41	11.00	9.59
All-India	350.31	290.47	282.51