

**F.NO. 3-1/2010-NCFC – E&S  
GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE  
DEPARTMENT OF AGRICULTURE & COOPERATION  
(NATIONAL CROP FORECASTING CENTRE)**

Room No. 344-A, Krishi Bhawan  
New Delhi, Dated: 15<sup>th</sup> April, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 08.04.2011.**

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

- *In the Pre-Monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> March to 06<sup>th</sup> April, 2011 was 28.2 mm which is 25% less than the L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 58.68 BCM on 31.03.2011 to 54.95 BCM on 07.04.2011.*
- *Area sown reported till 08.04.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 131% and 102% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 110% of the normal area under rabi crops have been sown upto 08.04.2011, area sown under all rabi crops taken together has been reported to be 659.66 lakh hectares at All India level as compared to 634.86 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 11.6 lakh ha. under Gram and 6.9 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, and 3.4 lakh ha. under Sunflower .*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 26.03.2011 decreased to 12.97% from the previous week's level of 12.98%. The inflation rate was 22.41% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 0.29% from the previous week's level to 0.00% and Rice has decreased to 2.08% from the previous week's level to 2.94%, for Cereals to 3.62% from the previous week's level of 3.96% and for Pulses to -5.39% from the previous week's level of -4.40%.*

- *The inflation for non-food items has increased to 27.56% from the previous week's level of 26.18% and for the food items to 9.18% from the previous week's level of 9.50%.*
- *All-India progressive procurement of Wheat as on 08.04.2011 was 6.67 lakh tonnes which is lower than the procurement of 16.44 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 08.04.2011 was 254.18 lakh tonnes as compared to 255.96 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 06<sup>th</sup> April, 2011**

- **Widespread rainfall** occurred over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Gangetic West Bengal for one or two days during the week.
- **Fairly widespread rainfall** occurred over Assam & Meghalaya for a few days and over Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim and Jammu & Kashmir for one or two days during the week.
- **Scattered rainfall** occurred over Arunachal Pradesh for a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, East Uttar Pradesh, Jammu & Kashmir, Haryana, Chandigarh & Delhi and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Andaman & Nicobar Islands, Tamil Nadu & Puducherry, Jammu & Kashmir, Rajasthan, Chhattisgarh, Madhya Pradesh and Madhya Maharashtra for many days, over Gangetic West Bengal, West Uttar Pradesh, Uttarakhand, South Interior Karnataka and Kerala for a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Punjab, Bihar, East Uttar Pradesh and Haryana, Chandigarh & Delhi for one or two days during the week.
- Weather was **mainly dry** over the rest regions of the country.
- Rainfall during the week was excess / normal in 12, deficient / scanty in 18 and no rain in 6 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> March to 06<sup>th</sup> April, 2011)** was excess / normal in 07 met sub-divisions, deficient / scanty in 26 met sub-divisions and no rain in 03 out of 36 met sub-divisions.

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

Region	Week Ending (06.04.2011)				Cumulative (01.03.11 to 06.04.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	6.1	7.0	-13	N	40.4	54.1	-25	D
Central India	2.7	2.4	15	E	4.0	11.5	-65	S
South Peninsular India	1.7	5.4	-69	S	10.5	16.6	-37	D
East & North-East India	28.7	24.4	18	N	77.7	86.7	-10	N
Country as a whole	7.7	7.9	-2	N	28.2	37.6	-25	D

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

Source: India Meteorological Department, New Delhi

## Temperature

### Maximum Temperature

- Markedly below normal over Gangetic West Bengal, Orissa and Jammu & Kashmir for one or two days during the week.
- Below normal to appreciably below normal over Sub-Himalayan West Bengal & Sikkim for most days, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh and Jammu & Kashmir for many days, over Gangetic West Bengal, Orissa, West Uttar Pradesh, Gujarat Region and Madhya Maharashtra for a few days and over Jharkhand, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, West Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Marathwada, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh and Telangana for one or two days of the week.
- Above normal to appreciably above normal over Tamilnadu & Puducherry for most days, over East Madhya Pradesh, Coastal Andhra Pradesh, Telangana and Coastal Karnataka for many days, over Uttarakhand, North Interior Karnataka, Konkan & Goa, Madhya Maharashtra, Chhattisgarh and Rayalseema for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal, Orissa, Jharkhand, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha and Kerala for one or two days during the week.
- Maximum temperatures were normal/near normal over the rest regions of the country.

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.

## ***Weather Outlook / Forecast for the period 07<sup>th</sup> - 13<sup>th</sup> April, 2011 by IMD***

### ***Outlook for the Week Ending 13<sup>th</sup> April, 2011***

- *Maximum temperatures would rise over Northwest and Central India during 1<sup>st</sup> half of the week.*
- *Fairly widespread rain / snowfall would occur over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during 2<sup>nd</sup> half of the week.*
- *Scattered rain / thundershowers would occur over Northeastern States and Peninsular India during 2<sup>nd</sup> half of the week.*

### ***Zone-wise Weather Forecast:***

#### ***North-West India (J&K, HP, Uttarakhand, Punjab, Haryana, Delhi, West UP)***

- *Rain/thundershowers at isolated places over Haryana, Chandigarh & Delhi and West UP.*
- *Mainly dry weather over the rest region.*

#### ***East India (East UP, Bihar, Jharkhand, West Bengal & Sikkim, Orissa)***

- *Rain/thundershowers at isolated places over the region.*

#### ***North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)***

- *Rain/thundershowers at a few places over Arunachal Pradesh and Assam & Meghalaya and at isolated places over NMM&T.*

#### ***South India (Tamil Nadu, AP, Kerala, Karnataka, Andaman & Nicobar Islands, Lakshadweep)***

- *Rain/thundershower at many places over Andaman & Nicobar Islands, at a few places over Tamil Nadu & Puducherry and at isolated places the rest region.*

#### ***West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)***

- *Rain/thundershower at isolated places over Rajasthan.*
- *Mainly dry weather over the region.*

#### ***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershower at isolated places over Vidarbha and Chhattisgarh.*
- *Mainly dry weather over the rest region.*

## Reservoir Status (For the week ending on 07.04.2011)

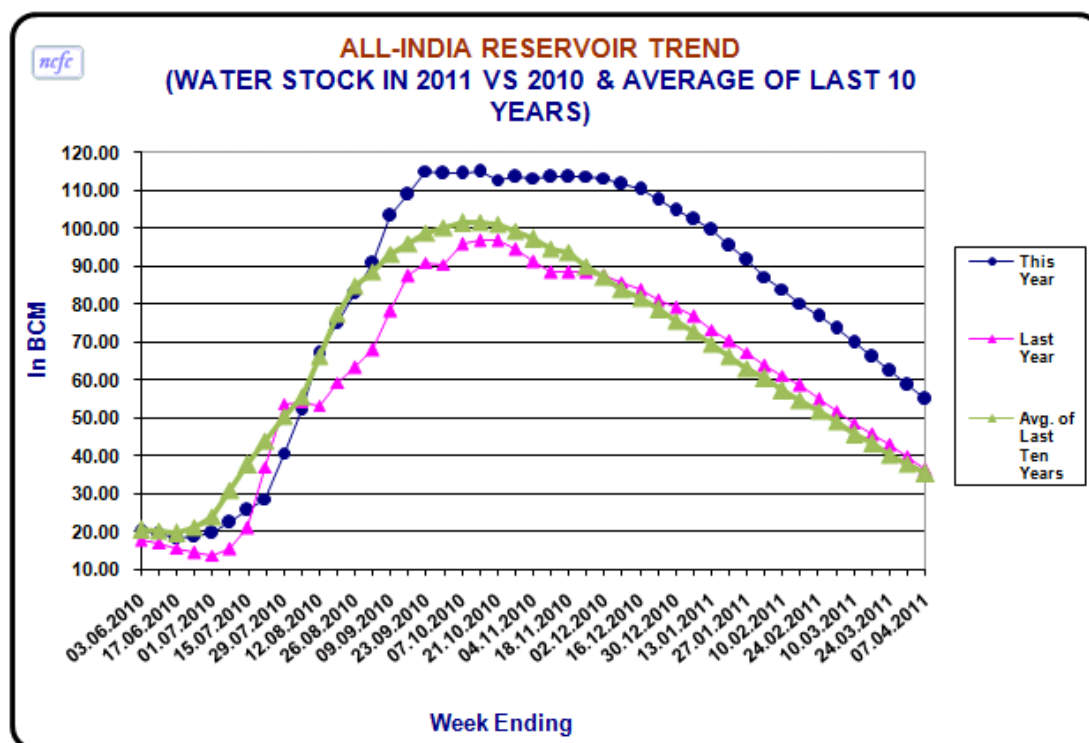
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 54.95 BCM from the previous week's level of 58.68 BCM. Current storage is **more** than the last year's position of 36.35 BCM and average of last 10 year's storage of 35.31 BCM.

**Table – 2: For 81 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	151	156
Last Week	39	149	155
The percentage to live capacity at FRL was 24% on 07/04/2010, 22% on 07/04/2009, 31% on 03/04/2008 and 36% on 03/04/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 64 reservoirs having storage more than 80%, 7 reservoirs having storage between 50% to 80% of Normal Storage, 5 reservoirs having storage between 30% to 50% of Normal Storage and 5 reservoirs having storage below 30% of normal storage.



Source: Central Water Commission

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

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during October 2010 to March 2011***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for 1<sup>st</sup> October 2010 to 31<sup>st</sup> March 2011</i>	<i>15414</i>	<i>5217</i>	<i>2482</i>	<i>4331</i>
<i>Availability during 1<sup>st</sup> October 2010 to 31<sup>st</sup> March 2011</i>	<i>15859</i>	<i>4756</i>	<i>2020</i>	<i>5355</i>
<i>Sales during 1<sup>st</sup> October 2010 to 31<sup>st</sup> March 2011</i>	<i>15616</i>	<i>4732</i>	<i>1928</i>	<i>5212</i>
<i>Closing Stock as on 31.03.2011</i>	<i>244</i>	<i>23</i>	<i>92</i>	<i>143</i>
<i>Requirement for April, 2011</i>	<i>1378</i>	<i>687</i>	<i>214</i>	<i>514</i>

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

### **Pest & Diseases:**

- The incidence of pest & diseases generally remained below 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 (2010-11) as on 08-04-2011</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		08.04.2011	% of Normal	08.04.2010	09.04.2009	2010-11	2009-10
Wheat	273.30	294.08	107.6	283.60	277.98	10.5	16.1
Rice	42.57	44.51	104.6	44.30	47.09	0.2	-2.6
Jowar	47.07	41.19	87.5	45.43	48.82	-4.2	-7.6
Maize	9.76	12.32	126.3	12.25	12.22	0.1	0.1
Total Coarse Cereals	63.23	61.88	97.9	65.84	69.24	-4.0	-7.4
Total Cereals	379.10	400.47	105.6	393.74	394.31	6.7	6.2
Gram	73.14	96.68	132.2	85.10	86.80	11.6	9.9
Lentil	14.26	15.70	110.1	15.46	15.65	0.2	0.1
Peas	7.32	7.36	100.5	7.40	8.69	0.0	-1.3
Kulthi(Horse Gram)	2.64	4.99	188.9	4.92	5.11	0.1	-0.1
Urad	7.20	11.45	159.1	11.10	10.02	0.4	1.4
Moong	6.29	9.21	146.4	8.70	7.48	0.5	1.7
Lathyrus	6.05	4.82	79.6	3.88	4.31	0.9	0.5
Others	3.29	7.31	221.9	6.47	7.25	0.8	0.1
Total Pulses	120.21	157.52	131.0	143.03	145.32	14.5	12.2
Total Foodgrains	499.30	557.99	111.8	536.77	539.63	21.2	18.4
Rapeseed & Mustard	67.01	72.47	108.1	65.56	66.24	6.9	6.2
Groundnut	9.09	10.89	119.9	11.23	10.86	-0.3	0.0
Safflower	3.45	2.41	69.7	2.68	2.82	-0.3	-0.4
Sunflower	12.63	5.88	46.5	9.28	12.31	-3.4	-6.4
Sesamum	2.53	3.30	130.3	3.29	1.73	0.0	1.6
Linseed	4.40	5.00	113.7	4.51	4.56	0.5	0.4
Others	0.58	1.73	299.3	1.53	1.91	0.2	-0.2
Total Oilseed (Nine)	99.83	101.67	101.9	98.09	100.42	3.6	1.3
All- Crops	599.13	659.66	110.1	634.86	640.05	24.8	19.6
Source: Crops & TMOP Divisions, DAC							



## Procurement:

**Table – 5: Progressive procurement of Rice as on 08.04.2011 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 08.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Punjab</b>	<b>102.09</b>	<b>0.00</b>	<b>0.77</b>
<b>Haryana</b>	<b>63.47</b>	<b>0.05</b>	<b>6.92</b>
<b>Uttar Pradesh</b>	<b>16.45</b>	<b>0.02</b>	<b>0.00</b>
<b>Madhya Pradesh</b>	<b>35.38</b>	<b>6.57</b>	<b>8.72</b>
<b>Rajasthan</b>	<b>4.76</b>	<b>0.00</b>	<b>0.00</b>
<b>All-India</b>	<b>225.14</b>	<b>6.67</b>	<b>16.44</b>

**Table – 6: Progressive procurement of Rice as on 08.04.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 08.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>75.55</b>	<b>41.94</b>	<b>38.43</b>
<b>Chhattisgarh</b>	<b>33.57</b>	<b>35.03</b>	<b>30.35</b>
<b>Haryana</b>	<b>18.19</b>	<b>16.59</b>	<b>18.14</b>
<b>Kerala</b>	<b>2.61</b>	<b>1.65</b>	<b>2.24</b>
<b>Maharashtra</b>	<b>2.29</b>	<b>1.94</b>	<b>1.77</b>
<b>Orissa</b>	<b>24.96</b>	<b>15.59</b>	<b>18.22</b>
<b>Punjab</b>	<b>92.75</b>	<b>86.34</b>	<b>92.88</b>
<b>Tamil Nadu</b>	<b>12.41</b>	<b>11.63</b>	<b>8.72</b>
<b>Uttar Pradesh</b>	<b>29.01</b>	<b>22.13</b>	<b>25.67</b>
<b>Uttaranchal</b>	<b>3.75</b>	<b>3.30</b>	<b>3.31</b>
<b>West Bengal</b>	<b>12.40</b>	<b>8.12</b>	<b>8.33</b>
<b>All-India</b>	<b>320.34</b>	<b>254.18</b>	<b>255.96</b>