

**F.NO. 3-1/2009-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: 16<sup>th</sup> April, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
09.04.2010.**

*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 07<sup>th</sup> April, 2010 was 18.7 mm which is 52% less than L.P.A.*
- *Maximum temperature anomaly was 4°C and above over most parts of Jammu & Kashmir, Himachal Pradesh, Punjab, East Uttar Pradesh, Bihar, Jharkhand, Sikkim, 2 to 4°C over most parts of Uttarakhand, Haryana, Delhi, Uttar Pradesh, Rajasthan, Sub-Himalayan West Bengal, Orissa, Chhattisgarh, Madhya Pradesh, Vidarbha, Andhra Pradesh, Tamil Nadu.*
- *Minimum temperature anomaly has declined in parts of Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Delhi, Rajasthan, West Uttar Pradesh, Madhya Pradesh and Chhattisgarh as compared to last week and remains unchanged in most parts Punjab, Haryana, East Uttar Pradesh, Bihar, Jharkhand.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 39.28 BCM on 01.04.2010 to 36.85 BCM on 08.04.2010.*
- *Area sown reported till 09.04.2010 under Coarse Cereals, Pulses and Oilseeds was 105%, 121% and 101% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 109% of the normal area under rabi crops have been sown upto 09.04.2010. Area sown under all rabi crops taken together has been reported to be 637.92 lakh hectares at All India level as compared to 634.90 lakh hectares in the corresponding period of 2009.*
- *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 27.03.2010 increased to 14.50% from the previous week's level of 13.86%. The inflation rate was 5.15% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Rice has increased to 8.80% from the previous week's level of 7.36%, Pulses to 32.60% from the previous week's level of 31.55% and for Cereals 10.92% from the previous week's level of 10.04%; Inflation for Wheat has decreased to 13.34% from the previous week's level of 13.54%.*
- *The inflation for non-food items decreased to 11.56% from the previous week's level of 12.57% and for the food items has increased to 17.70% from the previous week's level of 16.35%.*
- *All-India progressive procurement of Wheat as on 09.04.2010 was 22.82 lakh tonnes which is higher than the procurement of 20.77 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 09.04.2010 was 258.68 lakh tonnes which is lower than the procurement of 266.47 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 Season Rainfall (March - May) during the week ending on 07<sup>th</sup> April, 2010**

- **Fairly widespread to widespread rainfall** occurred over Arunachal Pradesh and Assam & Meghalaya on most days of the week, over Nagaland, Manipur, Mizoram & Tripura on many days of the week, and over Kerala on 6<sup>th</sup> April, 2010.
- **Isolated to scattered rainfall** occurred over Jammu & Kashmir on many days of the week, over Sub-Himalayan West Bengal, Tamilnadu and Kerala on a few days of the week and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh, Coastal Andhra Pradesh, Telangana, South Interior Karnataka and Lakshadweep on one or two days of the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess /normal in 04, deficient / scanty in 14 met sub-divisions and no rain in 18 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> March to 07<sup>th</sup> April, 2010)** was in excess / normal in 07 met sub-divisions, deficient / scanty in 27 met sub-divisions and no rain in 02 met sub-divisions.

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

Region	Week Ending (07.04.2010)				Cumulative (01.03.10 to 07.04.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
<b>North-West India</b>	<b>1.6</b>	<b>7.1</b>	<b>-77</b>	<b>S</b>	<b>12.3</b>	<b>57.6</b>	<b>-79</b>	<b>S</b>
<b>Central India</b>	<b>0.0</b>	<b>2.3</b>	<b>-99</b>	<b>S</b>	<b>2.9</b>	<b>12.1</b>	<b>-76</b>	<b>S</b>
<b>South Peninsular India</b>	<b>2.1</b>	<b>5.8</b>	<b>-65</b>	<b>S</b>	<b>6.1</b>	<b>18.7</b>	<b>-67</b>	<b>S</b>
<b>North-East India</b>	<b>24.9</b>	<b>21.1</b>	<b>18</b>	<b>N</b>	<b>79.9</b>	<b>84.2</b>	<b>-5</b>	<b>N</b>
<b>Country as a whole</b>	<b>4.9</b>	<b>7.5</b>	<b>-35</b>	<b>D</b>	<b>18.7</b>	<b>38.9</b>	<b>-52</b>	<b>D</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**

### **Maximum Temperature**

- Appreciably above normal to markedly above normal over Orissa, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Himachal Pradesh, West Rajasthan, Chhattisgarh and Tamilnadu during the week and over Jammu & Kashmir and Vidarbha on many days of the week.
- Above normal to appreciably above normal over West Bengal & Sikkim, West Uttar Pradesh, east Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Andhra Pradesh, Coastal Karnataka, Kerala and Lakshadweep on most days of the week, over Andaman & Nicobar Islands, Gujarat region, Madhya Maharashtra and Marathwada on many days of the week, over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on a few days of the week and over Arunachal Pradesh and Vidarbha on one or two days of the week.
- Below normal to markedly below normal over Arunachal Pradesh on many days of the week.
- Appreciably below normal over Nagaland, Manipur, Mizoram & Tripura on 1<sup>st</sup> & 2<sup>nd</sup> April and over Assam & Meghalaya on 1<sup>st</sup> April, 2010.
- Below normal over Gujarat region and Madhya Maharashtra on 1<sup>st</sup> April, 2010.
- Maximum temperatures were near normal over the remaining parts of the country.

## ***Weather Outlook / Forecast for the period 08<sup>th</sup> – 14<sup>th</sup> April, 2010 by IMD***

### ***Outlook for the Week Ending 14<sup>th</sup> April, 2010***

- *Scattered to fairly widespread rainfall would occur over northeastern States during the week.*
- *Isolated to scattered rainfall would occur over extreme south peninsula, Jammu & Kashmir and Himachal Pradesh during the week and over Uttarakhand during 2<sup>nd</sup> half of the week.*

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

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

- *Isolated rain/thundershowers over Uttarakhand, Haryana, Chd & Delhi and Punjab and at a few places over Himachal Pradesh and Jammu & Kashmir.*
- *Mainly dry weather over the region.*

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

- *Mainly dry weather over the region.*

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

- *Rain/thundershowers at many places over Arunachal Pradesh and Assam & Meghalaya.*
- *Isolated rain/thundershowers over the rest region.*

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

- *Isolated rain/thundershowers over Costal Karnataka, Kerala, Lakshadweep and Andaman & Nicobar Islands.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over the region.*

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

- *Mainly dry weather over the region.*

## Reservoir Status (For the week ending on 08.04.2010)

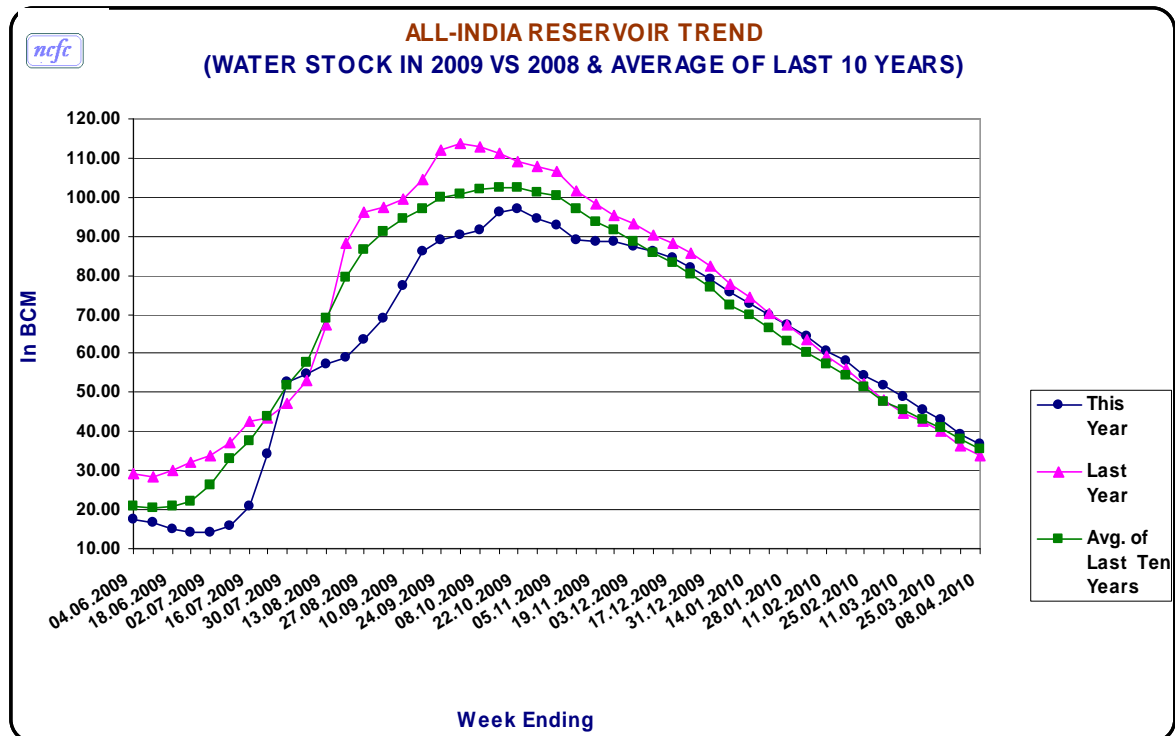
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 36.85 BCM from the previous week's level of 39.28 BCM. Current storage is less than the last year's position of 33.97 BCM and the average of last 10 year's storage of 35.68 BCM.

**Table – 2: For 81 major reservoirs of the country**

<u>Period</u>	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	24	108	103
Last Week	26	108	104
The percentage to live capacity at FRL was 22% on 08/04/2009, 32% on 08/04/2008, 37% on 05/04/2007 and 35% on 05/04/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 47 reservoirs having storage more than 80%, 15 reservoirs having storage between 50% to 80% of Normal Storage, 8 reservoirs having storage between 30% to 50% of Normal Storage and 8 reservoirs having storage below 30% of normal storage.
- There were three reservoirs namely Sriramsagar (AP), Kabini (Kar) and Gumti (Trp) 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 March, 2010***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for March, 2010</i>	<i>1463</i>	<i>331</i>	<i>235</i>	<i>352</i>
<i>Availability during 1<sup>st</sup> to 31<sup>st</sup> March, 2010</i>	<i>2144</i>	<i>677</i>	<i>416</i>	<i>1008</i>
<i>Sales during 1<sup>st</sup> to 31<sup>st</sup> March, 2010</i>	<i>1994</i>	<i>661</i>	<i>331</i>	<i>872</i>
<i>Closing Stock as on 31.03.2010</i>	<i>150</i>	<i>16</i>	<i>86</i>	<i>135</i>
<i>Requirement for April, 2010</i>	<i>1182</i>	<i>619</i>	<i>254</i>	<i>461</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>Statement on All India Crop Situation - Rabi (2009-10) as on 09-04-2010</b>							
(In lakh hectares)							
Crop Name	Normal Area for whole Rabi Season	Area sown reported			Change vis-à-vis prev. year		Changes in major States (abs. %)
		This Year as on 09-04-2010	% of Col. 3 to Col. 2	Last Year as on 09-04-2009	Absolute	Percentage	
1	2	3	4	5	6	7	8
Wheat	270.99	286.84	105.8	278.77	8.1	2.9	Bih (+1.9, +9.0), Chhat (+1.0, +106.7), Guj (-2.9, -24.4), J&K (-0.4, -13.7), Kar (+0.2, +8.8), MP (+4.8, +12.6), Maha (+0.7, +6.6), Pun (-0.2, -0.5), Raj (+1.5, +6.5), UP (+1.2, +1.2), WB (+0.7, +23.8)
Rice	39.80	44.25	111.2	47.55	-3.3	-6.9	AP (-2.6, -16.6), Bih (-0.1, -7.7), Kar (+0.3, +9.8), Ori (-0.7, -20.2), TN (-0.1, -5.7), WB (-1.1, -6.9)
Jowar	47.53	45.74	96.2	49.44	-3.7	-7.5	AP (+0.4, +23.7), Kar (-0.8, -6.3), Maha (-3.6, -10.9)
Maize	8.70	11.77	135.3	11.87	-0.1	-0.8	AP (-0.9, -22.4), Bih (+0.3, +10.8), Kar (-0.1, -11.8), Maha (+0.2, +22.9), TN (+0.3, +13.5)
Barley	6.30	7.60	120.6	7.18	0.4	5.8	M.P. (+0.2, +16.9), Raj (-0.3, -9.4), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	65.52	104.8	68.88	-3.4	-4.9	AP (-0.4, -7.4), Bih (+0.4, +11.3), Kar (-0.9, -6.8), MP (+0.2, +16.7), Maha (-3.4, -10.0), Raj (-0.3, -9.4), TN (+0.4, +8.5), UP (+0.6, +23.8)
Total Cereals	373.33	396.61	106.2	395.20	1.4	0.4	
Gram	71.45	89.35	125.1	83.60	5.8	6.9	AP (+0.8, +13.0), Chhat (+0.4, +13.1), Guj (-0.8, -33.7), Kar (+2.7, +31.5), MP (+4.7, +17.1), Maha (+1.6, +13.7), Raj (-3.8, -30.4), U.P. (+0.2, +2.8)
Lentil	14.30	15.25	106.6	14.79	0.5	3.1	Bih (-0.1, -2.7), MP (+0.3, +6.2), UP (+0.2, +3.3)
Peas	7.32	7.27	99.2	8.15	-0.9	-10.9	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.97	175.5	5.23	-0.3	-5.1	Chhat (-0.1, -30.2), Kar (-0.2, -11.2)
Urad	7.16	9.02	126.0	8.92	0.1	1.1	AP (+0.7, +26.2), Ori (+0.3, +7.6), TN (-0.9, -34.1)
Moong	6.50	7.77	119.6	7.39	0.4	5.2	AP (+0.1, +18.7), Ori (+0.7, +12.9), TN (-0.5, -39.6)
Lathyrus	6.41	4.28	66.7	4.23	0.0	1.0	
Others	3.22	6.79	211.0	6.36	0.4	6.8	
Total Pulses	119.19	144.69	121.4	138.67	6.0	4.3	AP (+2.5, +23.0), Chhatt (+0.4, +5.2), Guj (-0.8, -32.3), (Kar (+2.6, +24.9), MP (+5.0, +13.9), Maha(+1.6, +12.4), Ori (+0.8, +6.1), Raj (-3.8, -29.7), TN (-1.6, -28.1), UP (-0.5, -2.6)
Total Foodgrains	492.52	541.30	109.9	533.87	7.4	1.4	
Rapeseed & Mustard	65.27	65.13	99.8	66.90	-1.8	-2.6	Guj (-0.9, -29.3), Har (-0.9, -14.9), MP (+0.8, +10.0), Ori (+0.5, +46.4), Raj (-4.8, -17.1), UP (+4.1, +47.0), WB (-0.2, -3.3)
Groundnut	8.91	11.21	125.8	10.85	0.4	3.3	Guj (-0.5, -42.5), Kar (+0.4, +17.9), TN (+0.4, +17.1), WB (+0.3, +85.7)
Safflower	3.59	2.68	74.6	2.80	-0.1	-4.4	AP (+0.1, +42.9), Guj (-0.1, -100.0), Maha (-0.1, -6.0)
Sunflower	13.11	9.09	69.3	12.24	-3.2	-25.8	AP (-0.5, -14.7), Kar (-2.0, -33.8), Maha (-0.7, -31.7), TN (-0.1, -48.5)
Sesamum	2.60	2.08	79.9	1.76	0.3	18.1	TN (-0.2, -40.9), WB (+0.5, +142.9)
Linseed	4.53	4.48	98.9	4.56	-0.1	-1.8	Chhat (-0.1, -5.4), MP (+0.2, +14.5), Maha(-0.1, -13.5)
Others	0.53	1.97	370.9	1.92	0.0	2.4	
Total Oilseed (Nine)	95.42	96.63	101.3	101.03	-4.4	-4.4	AP (-0.4, -6.3), Guj (-2.0, -41.6), Har (-0.9, -14.9), Kar (-1.8, -19.9), MP (+1.0, +10.7), Maha (-0.9, -18.6), Ori (+1.0, +23.8), Raj (-4.8, -17.0), UP (+4.1, +44.8), WB (+0.7, +12.9)
All- Crops	587.94	637.92	108.5	634.90	3.0	0.5	

Source: Crops &amp; TMOP Divisions, DAC



## Procurement:

**Table – 5: Progressive procurement of Wheat as on 09.04.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 09.04.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Punjab</b>	<b>107.25</b>	<b>1.62</b>	<b>3.33</b>
<b>Haryana</b>	<b>69.24</b>	<b>10.52</b>	<b>11.83</b>
<b>Uttar Pradesh</b>	<b>38.82</b>	<b>0.04</b>	<b>0.06</b>
<b>Madhya Pradesh</b>	<b>19.68</b>	<b>10.46</b>	<b>4.17</b>
<b>Rajasthan</b>	<b>11.52</b>	<b>0.16</b>	<b>1.23</b>
<b>All-India</b>	<b>253.82</b>	<b>22.82</b>	<b>20.77</b>

**Table – 6: Progressive procurement of Rice as on 09.04.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 09.04.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
<b>Andhra Pradesh</b>	<b>90.60</b>	<b>39.05</b>	<b>49.58</b>
<b>Chhattisgarh</b>	<b>28.48</b>	<b>30.39</b>	<b>25.46</b>
<b>Haryana</b>	<b>14.25</b>	<b>18.16</b>	<b>14.25</b>
<b>Kerala</b>	<b>2.37</b>	<b>3.45</b>	<b>2.56</b>
<b>Maharashtra</b>	<b>2.61</b>	<b>1.79</b>	<b>1.72</b>
<b>Orissa</b>	<b>27.90</b>	<b>18.23</b>	<b>18.87</b>
<b>Punjab</b>	<b>85.53</b>	<b>92.71</b>	<b>84.65</b>
<b>Tamil Nadu</b>	<b>11.99</b>	<b>8.81</b>	<b>10.16</b>
<b>Uttar Pradesh</b>	<b>36.87</b>	<b>25.74</b>	<b>35.13</b>
<b>Uttaranchal</b>	<b>3.49</b>	<b>3.31</b>	<b>3.06</b>
<b>West Bengal</b>	<b>16.67</b>	<b>8.79</b>	<b>10.35</b>
<b>All-India</b>	<b>336.84</b>	<b>258.68</b>	<b>266.47</b>