

**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: 07<sup>th</sup> May, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
30.04.2010.**

*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 28<sup>th</sup> April, 2010 was 48.0 mm which is 28% less than L.P.A.*
- *Actual mean maximum temperature anomaly was 4<sup>o</sup>C and above over some parts of Himachal Pradesh, East Uttar Pradesh, Bihar, Jharkhand and Chhattisgarh, 2 to 4<sup>o</sup>C over most parts of Northwest India (except some parts of Jammu & Kashmir, Rajasthan), most parts of East India (except Sub-Himalayan West Bengal, Sikkim), Central India, Konkan & Goa, Madhya Maharashtra, Marathwada, Saurashtra, Telengana, North Interior Karnataka, Tamil Nadu, Lakshdweep Islands, some parts of Gujarat, Coastal Karnataka, Rayalaseema, Coastal Andhra Pradesh, Andaman & Nicobar Islands.*
- *Maximum temperature anomaly has decreased in most parts of the country viz. Jammu & Kashmir, Punjab, Haryana, Delhi, Rajasthan, Madhya Pradesh, Chhattisgarh, Konkan & Goa, Madhya Maharashtra, south India as compared to last week and remains unchanged in Uttar Pradesh, Bihar, Jharkhand, Marathawada and Vidarbha.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 32.43 BCM on 22.04.2010 to 29.88 BCM on 29.04.2010.*
- *Area sown reported till 30.04.2010 under Coarse Cereals, Pulses and Oilseeds was 104%, 124% and 102% 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 30.04.2010. Area sown under all rabi crops taken together has been reported to be 641.28 lakh hectares at All India level as compared to 635.40 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 8.1 lakh ha. under Wheat and 5.8 lakh ha. under Gram. Area coverage is lower by 3.3 lakh ha. under Rice, 3.7 lakh ha. under Jowar, 1.8 lakh ha. under Rapeseed & Mustard and 3.1 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 17.04.2010 decreased to 13.55% from the previous week's level of 14.15%. The inflation rate was 6.55% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Pulses has increased to 29.89% from the previous week's level of 28.77%; inflation for Wheat has decreased to 7.38% from the previous week's level of 11.18%, Rice to 9.06% from the previous week's level of 9.33% and for Cereals to 8.39% from the previous week's level of 10.06%.*
- *The inflation for non-food items increased to 10.61% from the previous week's level of 10.23% and for the food items to 16.61% from the previous week's level of 17.65%.*
- *All-India progressive procurement of Wheat as on 30.04.2010 was 194.43 lakh tonnes which is higher than the procurement of 193.41 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 30.04.2010 was 268.16 lakh tonnes which is lower than the procurement of 276.90 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 28<sup>th</sup> April, 2010

- **Widespread rainfall** occurred over Arunachal Pradesh on many days of the week and over Assam & Meghalaya on a few days of the week and over Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir and Kerala on one or two days of the week.
- **Scattered to fairly widespread rainfall** occurred over South Interior Karnataka on most days of the week and over Sub-Himalayan West Bengal & Sikkim and Kerala on many days of the week and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir and Coastal Karnataka on a few days of the week and over Andaman & Nicobar Islands, Himachal Pradesh, Coastal Andhra Pradesh, Telangana, North Interior Karnataka and Lakshadweep on one or two days of the week.
- **Isolated rainfall occurred** over Himachal Pradesh and Tamil Nadu on many days of the week and over Rayalseema and North Interior Karnataka on a few days of the week and over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Orissa, Uttarakhand, Punjab, Jammu & Kashmir, Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Coastal Karnataka, South Interior Karnataka, Kerala and Lakshadweep on one or two days of the week.
- Mainly **dry weather** prevailed over the rest regions of the country
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess /normal in 14, deficient / scanty in 12 met sub-divisions and no rain in 10 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> March to 28<sup>th</sup> April, 2010)** was in excess / normal in 08 met sub-divisions, deficient / scanty in 26 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 (28.04.2010)				Cumulative (01.03.10 to 28.04.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	6.1	6.0	2	N	31.3	77.8	-60	S
Central India	0.9	2.5	-65	S	4.9	19.7	-75	S
South Peninsular India	14.1	10.5	34	E	36.0	45.1	-20	D
North-East India	40.6	31.5	29	E	185.9	170.4	9	N
Country as a whole	11.4	9.8	17	N	48.0	66.6	-28	D

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

Source: India Meteorological Department, New Delhi

## Temperature

### Maximum Temperature

- Markedly above normal on 23<sup>rd</sup> April, 2010 and appreciably above normal over rest days of the week over Jharkhand.
- Markedly above normal over Uttarakhand and Himachal Pradesh on 26<sup>th</sup> & 27<sup>th</sup> April, 2010 and over Uttar Pradesh, Haryana and East Rajasthan on 28<sup>th</sup> April, 2010.
- Above normal to appreciably above normal over Andaman & Nicobar Islands, Orissa, West Uttar Pradehs, Haryana, Rajasthan, Madhya Pradesh, Gujarat, Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Tamil Nadu, Coastal Karnataka, North Interior Karnataka, Kerala and Lakshadweep on most days of the week and over Gangetic West Bengal, Bihar, East Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Rayalseema and South Interior Karnataka on many days of the week and over Jammu & Kashmir on a few days of the week.
- Below normal to markedly below normal over Arunachal Pradesh, Assam & Meghalaya during the week and over Nagaland, Manipur, Mizoram & Tripura on many days of the week.
- Appreciably below normal to markedly below normal over Jammu & Kashmir on 22<sup>nd</sup> to 28<sup>th</sup> April, 2010.
- Below normal over West Bengal & Sikkim, Bihar and East Uttar Pradesh on one or two days of the week.
- Maximum temperatures were near normal over the remaining parts 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 29<sup>th</sup> April - 5<sup>th</sup> May, 2010 by IMD***

### **Outlook for the Week Ending 05<sup>th</sup> May, 2010**

- *Scattered to fairly widespread rainfall would occur over Assam & Meghalaya, Arunachal Pradesh and Sub-Himalayan West Bengal & Sikkim during the week.*
- *Isolated to scattered rainfall would occur over Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir, Himachal Pradesh, Uttarkhand, Peninsular India, Gangetic West Bengal and Orissa during the week.*

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

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

- *Isolated rain/thundershowers over West Uttar Pradesh.*
- *Rain/thundershowers at a few places over J&K, Himachal Pradesh, Uttaranchal, Punjab, Haryana, Chandigarh & Delhi.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over the region.*
- *Rain/thundershowers at a few 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.*
- *Isolated rain/thundershowers over NMM&T.*

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

- *Isolated rain/thundershowers over Coastal AP, Telangana and Rayalseema.*
- *Rain/thundershower at a few places over Coastal Karnataka, Kerala and Tamil Nadu & Puducherry.*
- *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)***

- *Isolated rain/thundershowers over the region.*

## Reservoir Status (For the week ending on 29.04.2010)

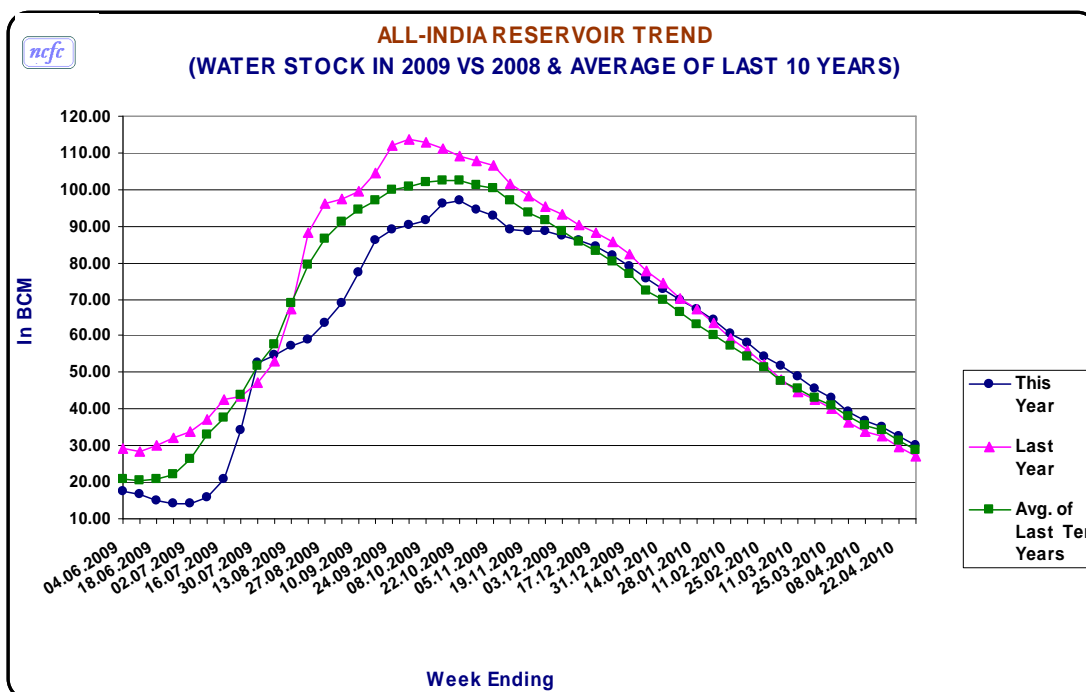
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 29.88 BCM from the previous week's level of 32.43 BCM. Current storage is less than the last year's position of 28.00 BCM and the average of last 10 year's storage of 28.82 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	20	110	104
Last Week	21	110	104
The percentage to live capacity at FRL was 18% on 29/04/2009, 25% on 29/04/2008, 32% on 26/04/2007 and 29% on 26/04/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 48 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 8 reservoirs having storage between 30% to 50% of Normal Storage and 6 reservoirs having storage below 30% of normal storage.
- There were six reservoirs namely Sriramsagar (AP), Kabini (Kar), Isapur, Bhima (Ujjani) & Yeldari (Maha) and Gumti (Trp) having no live storage.



Source: Central Water Commission

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

***Table – 4: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April, 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 April, 2010</i>	<i>1182</i>	<i>619</i>	<i>254</i>	<i>461</i>
<i>Availability during 1<sup>st</sup> to 29<sup>th</sup> April, 2010</i>	<i>1249</i>	<i>483</i>	<i>116</i>	<i>466</i>
<i>Sales during 1<sup>st</sup> to 29<sup>th</sup> April, 2010</i>	<i>482</i>	<i>361</i>	<i>34</i>	<i>185</i>
<i>Closing Stock as on 29.04.2010</i>	<i>768</i>	<i>122</i>	<i>82</i>	<i>281</i>
<i>Requirement for May, 2010</i>	<i>1749</i>	<i>992</i>	<i>246</i>	<i>622</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 30-04-2010</b>							
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 30-04-2010	% of Col. 3 to Col. 2	Last Year as on 30-04-2009	Absolute	Percentage	
		1	2	3	4	5	
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, +8.6), 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	44.42	111.6	47.69	-3.3	-6.9	AP (-2.6, -16.6), Bih (-0.1, -7.7), Kar (+0.3, +10.3), 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	7.28	115.6	7.18	0.1	1.4	M.P. (+0.2, +16.9), Raj (-0.6, -20.9), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	65.20	104.3	68.88	-3.7	-5.3	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 (-0.6, -20.9), TN (+0.4, +8.5), UP (+0.6, +23.8)
Total Cereals	373.33	396.46	106.2	395.34	1.1	0.3	
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	99.3	8.15	-0.9	-10.8	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.97	175.8	5.23	-0.3	-5.0	Chhat (-0.1, -30.2), Kar (-0.2, -11.2), Ori (-0.1, -5.3)
Urad	7.16	10.85	151.6	8.92	1.9	21.6	AP (+0.7, +26.2), Ori (+0.3, +7.6), TN (+1.0, +38.3)
Moong	6.50	8.48	130.5	7.39	1.1	14.8	AP (+0.1, +18.7), Ori (+0.7, +12.9), TN (+0.3, +21.0)
Lathyrus	6.41	4.28	66.7	4.23	0.0	1.0	
Others	3.22	6.97	216.4	6.36	0.6	9.6	
Total Pulses	119.19	147.42	123.7	138.68	8.7	6.3	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 (+1.2, +21.4), UP (-0.5, -2.6)
Total Foodgrains	492.52	543.88	110.4	534.02	9.9	1.8	
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	11.30	126.9	10.92	0.4	3.5	Guj (-0.5, -42.5), Kar (+0.3, +14.9), TN (+0.4, +17.0), 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	9.42	71.8	12.53	-3.1	-24.9	AP (-0.5, -14.7), Kar (-2.1, -33.9), Maha (-0.7, -31.7), UP (+0.1, +65.0)
Sesamum	2.60	2.43	93.4	1.76	0.7	38.0	TN (-0.2, -40.9), WB (+0.9, +242.9)
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	97.40	102.1	101.39	-4.0	-3.9	AP (-0.4, -6.3), Guj (-2.0, -41.6), Har (-0.9, -14.9), Kar (-1.9, -20.4), MP (+1.0, +10.7), Maha (-0.9, -17.3), Ori (+1.0, +23.8), Raj (-4.8, -17.0), UP (+4.3, +45.3), WB (+1.1, +19.2)
All- Crops	587.94	641.28	109.1	635.40	5.9	0.9	

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 5: Progressive procurement of Wheat as on 30.04.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 30.04.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Punjab</b>	<b>107.25</b>	<b>96.76</b>	<b>99.08</b>
<b>Haryana</b>	<b>69.24</b>	<b>61.15</b>	<b>64.19</b>
<b>Uttar Pradesh</b>	<b>38.82</b>	<b>5.98</b>	<b>9.71</b>
<b>Madhya Pradesh</b>	<b>19.68</b>	<b>26.03</b>	<b>11.79</b>
<b>Rajasthan</b>	<b>11.52</b>	<b>3.59</b>	<b>7.58</b>
<b>All-India</b>	<b>253.82</b>	<b>194.43</b>	<b>193.41</b>

**Table – 6: Progressive procurement of Rice as on 30.04.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 30.04.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
<b>Andhra Pradesh</b>	<b>90.60</b>	<b>44.71</b>	<b>54.82</b>
<b>Chhattisgarh</b>	<b>28.48</b>	<b>30.69</b>	<b>25.48</b>
<b>Haryana</b>	<b>14.25</b>	<b>18.16</b>	<b>14.25</b>
<b>Kerala</b>	<b>2.37</b>	<b>2.43</b>	<b>2.13</b>
<b>Maharashtra</b>	<b>2.61</b>	<b>1.84</b>	<b>1.86</b>
<b>Orissa</b>	<b>27.90</b>	<b>18.87</b>	<b>19.96</b>
<b>Punjab</b>	<b>85.53</b>	<b>92.73</b>	<b>84.77</b>
<b>Tamil Nadu</b>	<b>11.99</b>	<b>9.81</b>	<b>10.69</b>
<b>Uttar Pradesh</b>	<b>36.87</b>	<b>26.23</b>	<b>36.60</b>
<b>Uttaranchal</b>	<b>3.49</b>	<b>3.40</b>	<b>3.25</b>
<b>West Bengal</b>	<b>16.67</b>	<b>9.76</b>	<b>11.06</b>
<b>All-India</b>	<b>336.84</b>	<b>268.16</b>	<b>276.90</b>