

**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: 08<sup>th</sup> July, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 02.07.2010.**

*Summary observations of the Group on Agenda Item*

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> June to 30<sup>th</sup> June, 2010 was 137.5 mm which is 16% less than L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 18.75 BCM on 24.06.2010 to 19.67 BCM on 01.07.2010.*
- *As on 02<sup>nd</sup> July 2010, area sown under Sugarcane is reported to be 47.37 lakh ha. as compared to 41.79 lakh ha. and under Cotton is 43.68 lakh ha. as compared to 29.17 lakh ha. in the corresponding period of last year.*
- *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 19.06.2010 decreased to 14.75% from the previous week's level of 17.60%. The inflation rate was 7.57% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 4.49% from the previous week's level of 4.21% and Cereals to 5.36% from the previous week's level of 5.11%; inflation for Rice has decreased to 6.44% from the previous week's level of 6.45% and Pulses to 31.57% from the previous week's level of 34.14%.*
- *The inflation for non-food items has decreased to 18.80% from the previous week's level of 18.86% and for the food items to 12.92% from the previous week's level of 16.90%.*
- *All-India progressive procurement of Wheat as on 02.07.2010 was 224.99 lakh tonnes which is lower than the procurement of 247.14 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 02.07.2010 was 295.56 lakh tonnes which is lower than the procurement of 309.65 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))**

#### Monsoon Season Rainfall (June - September) during the week ending on 30<sup>th</sup> June, 2010

- Widespread rainfall occurred over Kerala during most days of the week, over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Coastal Karnataka and Lakshadweep during many days, over Nagaland, Manipur, Mizoram & Tripura during a few days and over Andaman & Nicobar Islands, Gangetic West Bengal, Orissa, Uttarakhand, Himachal Pradesh and Jammu & Kashmir during one or two days of the week.
- Fairly widespread rainfall occurred over Orissa during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jharkhand, Bihar, Himachal Pradesh, Konkan & Goa, Marthawada, Vidarbha, South Interior Karnataka and Lakshadweep during one or two days of the week.
- Scattered rainfall occurred over Sub-Himalayan West Bengal & Sikkim, Bihar, Vidarbha and Chhattisgarh during many days, over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Madhya Pradesh and Marathawada during a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Orissa, Jharkhand, East Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, Konkan & Goa, Madhya Maharashtra, Telangana, Rayalaseema, Tamil Nadu & Puducherry, South Interior Karnataka and Lakshadweep during one or two days of the week.
- Isolated rainfall occurred over Uttar Pradesh, Gujarat State, East Rajasthan, Rayalaseema, Tamilnadu & Puducherry and North Interior Karnataka during most days, over Jharkhand, Haryana, Chandigarh & Delhi, Punjab, Madhya Maharashtra, Coastal Andhra Pradesh and Telangana during many days, over Jammu & Kashmir, West Rajasthan and South Interior Karnataka during a few days and over rest of the country during one or two days of the week.
- Out of 36 meteorological sub-divisions, rainfall during the week was excess /normal in 13 and deficient / scanty in 23 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> June to 30<sup>th</sup> June, 2010)** was in excess / normal in 23 met sub-divisions and deficient / scanty in 13 met sub-divisions.

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

Region	Week Ending (30.06.2010)				Cumulative (01.06.10 to 30.06.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	18.2	27.3	-33	D	54.0	65.6	-18	N
Central India	39.0	64.4	-39	D	119.4	161.7	-26	D
South Peninsular India	36.3	45.7	-21	D	166.1	157.9	5	N
North-East India	90.8	93.4	-3	N	301.5	363.2	-17	N
Country as a whole	40.3	54.0	-25	D	137.5	163.5	-16	N

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

Source: India Meteorological Department, New Delhi

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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 01<sup>st</sup> - 07<sup>th</sup> July, 2010 by IMD***

### **Outlook for the Week Ending 07<sup>th</sup> July, 2010**

- *Conditions are becoming favourable for further advance of southwest monsoon into some parts of Madhya Pradesh, remaining parts of Chhattisgarh and some parts of Bihar during next 2-3 days.*
- *An upper air cyclonic circulation may form over South Orissa and North Andhra Pradesh coast during 1<sup>st</sup> half of the week. Subsequently this system may move in a West-northwesterly direction.*
- *The Western Disturbance lies over Jammu & Kashmir and neighbourhood could continue to affect Western Himalayan region and adjoining plains during 1<sup>st</sup> half of the week.*
- *Rainfall activity would increase over West coast and Northwest India.*
- *Scattered to fairly widespread rainfall activity will continue over South Peninsula, East and Northeast India.*

***Warning: Isolated heavy to very heavy rainfall would occur over coastal Karnataka, Maharashtra, Sub-Himalayan West Bengal & Sikkim, coastal Andhra Pradesh, Telangana Arunachal Pradesh and Assam & Meghalaya.***

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

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

- *Rain/thundershowers at a few places over Uttarakhand.*
- *Isolated rain/thundershowers over the rest region.*

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

- *Rain/thundershowers at many places over the region.*
- *Rain/thundershowers at most places over Sub-Himalayan West Bengal & Sikkim.*

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

- *Rain/thundershowers at most places over Arunachal Pradesh.*
- *Rain / thundershowers at many places over Nagaland, Manipur, Mizoram & Tripura.*

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

- *Rain/thundershower at a few places Coastal Andhra Pradesh and North & South Interior Karnataka. Isolated rain / thundershowers over Telangana, Rayalseema and Tamil Nadu & Puducherry.*
- *Rain / thundershower at many places over the rest region.*

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

- *Isolated rain/thundershowers over Rajasthan, Gujarat Region and Saurashtra, Kutch & Diu.*
- *Rain / thundershower at a few places over the rest region.*

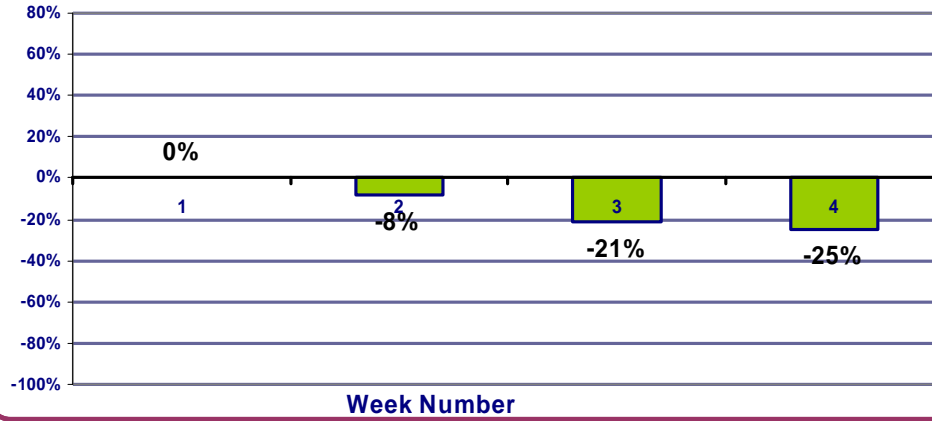
***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers at a few places over Madhya Pradesh and at many places over the rest region..*

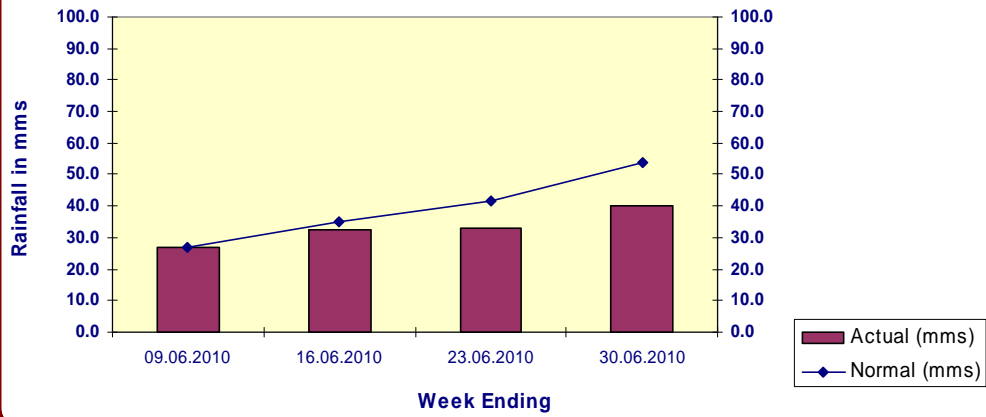


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

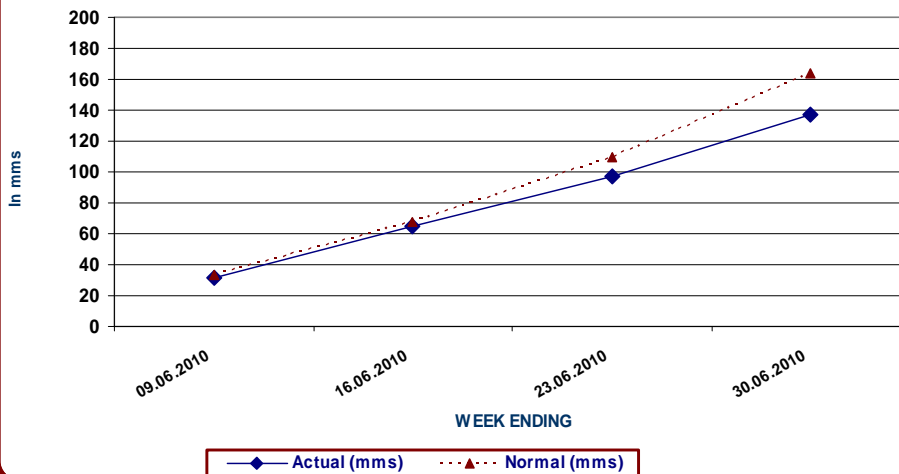
(Monsoon 2010 - from 01.06.2010 to 30.06.2010)



### Weekly Rainfall Distribution in Monsoon 2010 - All India



### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2010



## Reservoir Status (For the week ending on 01.07.2010)

- 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 **increased** to 19.67 BCM from the previous week's level of 18.758 BCM. Current storage is less than the last year's position of 13.80 BCM and the average of last 10 year's storage of 23.78 BCM.

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

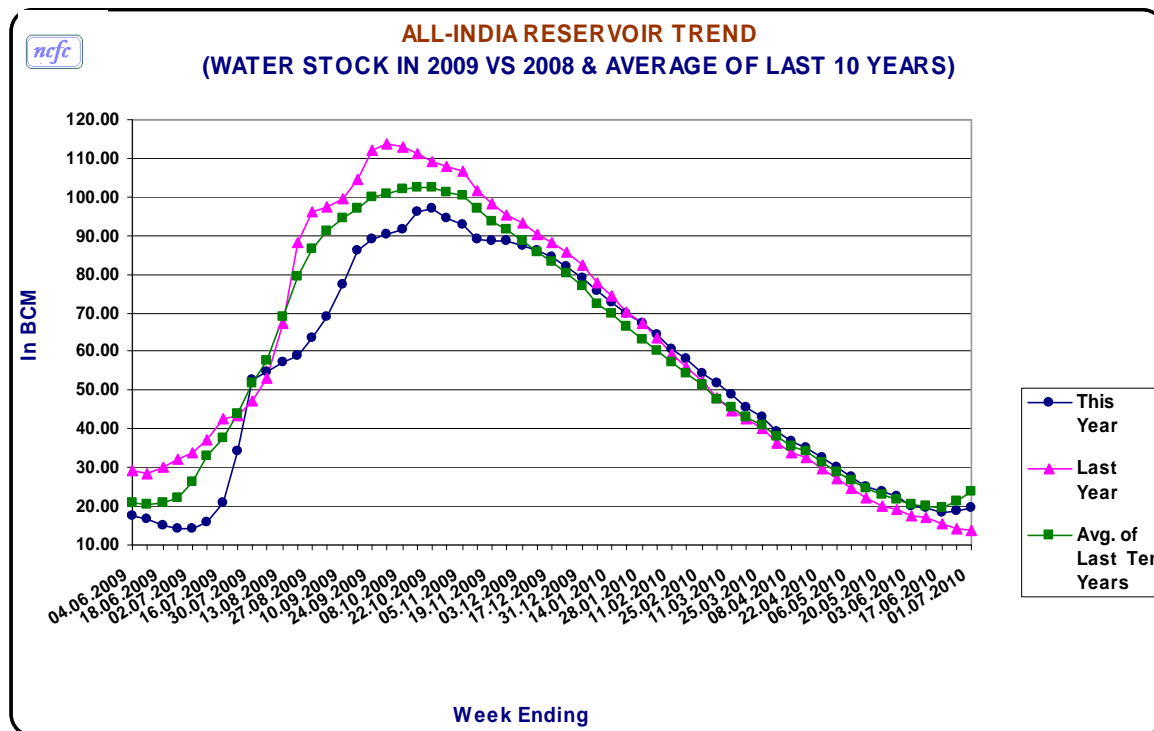
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	13	143	83
Last Week	12	130	89

The percentage to live capacity at FRL was 9% on 01/07/2009, 23% on 01/07/2008, 26% on 28/06/2007 and 22% on 28/06/2006 .

\* *Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 28 reservoirs having storage more than 80%, 22 reservoirs having storage between 50% to 80% of Normal Storage, 13 reservoirs having storage between 30% to 50% of Normal Storage and 11 reservoirs having storage below 30% of normal storage.
- There were seven reservoirs namely Sriramsagar (AP), Dantiwada (Guj), Indira Sagar (MP), Isapur, Bhima (Ujjani) & Yeldari (Maha) and Machkund (Jalput) (Ori) 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 June 2010***

*(in '000 Tonnes)*

<b><i>Availability / Sale / Closing Stock</i></b>	<b><i>Urea</i></b>	<b><i>DAP</i></b>	<b><i>MOP</i></b>	<b><i>Complex</i></b>
<b><i>Requirement for June, 2010</i></b>	<b><i>2509</i></b>	<b><i>1322</i></b>	<b><i>423</i></b>	<b><i>858</i></b>
<b><i>Availability during 1<sup>st</sup> to 30<sup>th</sup> June, 2010</i></b>	<b><i>2809</i></b>	<b><i>772</i></b>	<b><i>404</i></b>	<b><i>987</i></b>
<b><i>Sales during 1<sup>st</sup> to 30<sup>th</sup> June, 2010</i></b>	<b><i>1349</i></b>	<b><i>503</i></b>	<b><i>190</i></b>	<b><i>601</i></b>
<b><i>Closing Stock as on 30.06.2010</i></b>	<b><i>1461</i></b>	<b><i>269</i></b>	<b><i>213</i></b>	<b><i>385</i></b>
<b><i>Requirement for July, 2010</i></b>	<b><i>3208</i></b>	<b><i>1601</i></b>	<b><i>446</i></b>	<b><i>1086.</i></b>

**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 - Kharif (2010) as on 02-07-2010</b>						
(In lakh hectares)						
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Change vis-à-vis prev. year	
		This Year	% of Normal	Last Year	Absolute	Percentage
<b>Rice</b>	<b>395.10</b>	<b>46.46</b>	<b>11.8</b>	<b>45.43</b>	<b>1.0</b>	<b>2.3</b>
<b>Jowar</b>	<b>35.98</b>	4.87	13.5	4.12	0.8	18.2
<b>Bajra</b>	<b>93.29</b>	6.84	7.3	11.27	-4.4	-39.3
<b>Maize</b>	<b>68.65</b>	12.70	18.5	16.58	-3.9	-23.4
<b>Total Coarse Cereals</b>	<b>222.23</b>	<b>26.18</b>	<b>11.8</b>	<b>34.76</b>	<b>-8.6</b>	<b>-24.7</b>
<b>Total Cereals</b>	<b>617.33</b>	<b>72.64</b>	<b>11.8</b>	<b>80.19</b>	<b>-7.6</b>	<b>-9.4</b>
<b>Tur</b>	<b>35.53</b>	1.45	4.1	1.46	0.0	-0.8
<b>Urad</b>	<b>22.82</b>	0.65	2.8	0.50	0.1	28.2
<b>Moong</b>	<b>26.14</b>	2.25	8.6	2.41	-0.2	-6.4
<b>Others</b>	<b>6.09</b>	0.79	13.0	0.81	0.0	-2.5
<b>Total Pulses</b>	<b>107.94</b>	<b>5.15</b>	<b>4.8</b>	<b>5.19</b>	<b>0.0</b>	<b>-0.7</b>
<b>Total Foodgrains</b>	<b>725.27</b>	<b>77.79</b>	<b>10.7</b>	<b>85.38</b>	<b>-7.6</b>	<b>-8.9</b>
<b>Groundnut</b>	<b>53.81</b>	13.45	25.0	5.29	8.2	154.4
<b>Soyabean</b>	<b>84.00</b>	12.13	14.4	2.88	9.2	321.1
<b>Sunflower</b>	<b>8.15</b>	0.71	8.7	2.60	-1.9	-72.6
<b>Sesamum</b>	<b>17.76</b>	1.60	9.0	1.13	0.5	41.9
<b>Niger</b>	<b>4.23</b>	0.05	1.2	0.06	0.0	0.0
<b>Castor</b>	<b>7.78</b>	0.92	11.8	1.01	-0.1	-8.6
<b>Total Oilseed</b>	<b>175.72</b>	<b>28.86</b>	<b>16.4</b>	<b>12.96</b>	<b>15.9</b>	<b>122.7</b>
<b>Cotton</b>	<b>90.86</b>	43.68	48.1	29.17	14.5	49.7
<b>Sugarcane</b>	<b>44.97</b>	47.37	105.3	41.79	5.6	13.4
<b>Jute</b>	<b>7.85</b>	7.59	96.7	6.89	0.7	10.2
<b>All- Crops</b>	<b>1044.67</b>	<b>205.30</b>	<b>19.7</b>	<b>176.19</b>	<b>29.1</b>	<b>16.5</b>

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 5: Progressive procurement of Wheat as on 02.07.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 02.07.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	107.25	102.05	107.18
Haryana	69.24	63.35	69.11
Uttar Pradesh	38.82	16.63	37.09
Madhya Pradesh	19.68	35.38	17.81
Rajasthan	11.52	4.76	11.45
All-India	253.82	224.99	247.14

**Table – 6: Progressive procurement of Rice as on 02.07.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 02.07.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	60.59	75.75
Chhattisgarh	28.48	31.27	25.61
Haryana	14.25	18.17	14.25
Kerala	2.37	2.61	2.37
Maharashtra	2.61	2.08	2.39
Orissa	27.90	24.07	23.65
Punjab	85.53	92.75	85.45
Tamil Nadu	11.99	11.01	11.26
Uttar Pradesh	36.87	26.68	36.11
Uttaranchal	3.49	3.74	3.47
West Bengal	16.67	11.36	14.36
All-India	336.84	295.56	309.65