

**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: 27<sup>th</sup> August, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 20.08.2010.**

*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 18<sup>th</sup> August, 2010 was 591.3 mm which is 5% 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 67.05 BCM on 12.08.2010 to 75.05 BCM on 19.08.2010.*
- *As per latest information available on sowing of crops, around 88% of the normal area under kharif crops have been sown upto 20.08.2010. Area sown under all kharif crops taken together has been reported to be 923.01 lakh hectares at All India level as compared to 839.75 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 20.7 lakh ha. under Rice, 14.7 lakh ha. under Bajra, 2.9 lakh ha. under Maize, 10.1 lakh ha. under Cotton, 5.9 lakh ha. under Sugarcane, 9.8 lakh ha. under Tur, 2.2 lakh ha. under Urad, 3.1 lakh ha. under Moong and 10.9 lakh ha. under Groundnut. Area coverage is lower by 2.0 lakh ha. under Soyabean and Sunflower each.*
- *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 07.08.2010 decreased to 14.85% from the previous week's level of 15.66%. The inflation rate was 7.85% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 8.27% from the previous week's level of 6.89% and Cereals to 7.40% from the previous week's level of 6.97%; inflation for Wheat has decreased to 7.63% from the previous week's level of 7.93% and Pulses to 18.32% from the previous week's level of 20.74%.*
- *The inflation for non-food items has decreased to 21.70% from the previous week's level of 21.79% and for the food items to 10.35% from the previous week's level of 11.40%.*
- *All-India progressive procurement of Rice as on 20.08.2010 was 305.40 lakh tonnes which is lower than the procurement of 326.97 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 18<sup>th</sup> August, 2010**

- Widespread rainfall occurred over Coastal Karnataka during most days, over Sub-Himalayan West Bengal & Sikkim, Konkan & Goa and Lakshadweep during many days, over Uttarakhand and Marathwada during a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Telangana, Rayalseema, North Interior Karnataka and Kerala during one or two days of the week.
- Fairly widespread rainfall occurred over Assam & Meghalaya during most days, over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, West Madhya Pradesh and Kerala during many days, over Bihar and North Interior Karnataka during a few days and over Andaman & Nicobar Islands, West Bengal & Sikkim, Orissa, Jharkhand, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Rajasthan, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalseema, Coastal & South Interior Karnataka and Lakshadweep during one or two days of the week.
- Scattered rainfall occurred over Andaman & Nicobar Islands, Orissa, Bihar, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, Coastal Andhra Pradesh, Telangana, Tamil Nadu & Puducherry and South Interior Karnataka during many days, over Uttar Pradesh, East Madhya Pradesh, Saurashtra & Kutch and Madhya Maharashtra during a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jharkhand, Uttarkhand, West Madhya Pradesh, Gujarat Region, Marathawada, Vidarbha, Chhattisgarh, Rayalseem and North Interior Karnataka during one or two days of the week.
- Isolated rainfall occurred over Gujarat State, Madhya Maharashtra during many days, over Jharkhand, Uttar Pradesh, Chhattisgarh and Rayalseema during many days, over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Orissa, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, West Rajasthan, Madhya Pradesh, Marathwada, Vidarbha, Costal Andhra Pradesh Telangana, Tamil Nadu & Puducherry, Interior Karnataka and Kerala during one or two days of the week.
- Rainfall during the week was excess /normal in 25 and deficient / scanty in 11 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 18<sup>th</sup> August, 2010)** was excess / normal in 29 met sub-divisions and deficient / scanty in 7 met sub-divisions.

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

Region	Week Ending (18.08.2010)				Cumulative (01.06.10 to 18.08.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	53.7	53.0	1	N	415.8	421.6	-1	N
Central India	57.2	73.6	-22	D	694.4	693.1	0	N
South Peninsular India	56.6	43.9	29	D	551.3	493.4	12	N
North-East India	72.7	79.6	-9	N	761.0	1001.6	-24	D
Country as a whole	58.5	62.4	-6	N	591.3	619.6	-5	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 19<sup>th</sup> - 25<sup>th</sup> Aug. 2010 by IMD***

### **Outlook for the Week Ending 25<sup>th</sup> August, 2010**

- *Fairly widespread to widespread rainfall is likely to occur over Northwest, Central, East and Northeast India during first half of the week.*
- *The rainfall activity is likely to continue over East & Northeast India and decrease over Northwest & Central India during 2<sup>nd</sup> half of the week.*
- *Rainfall activity is likely to increase over Coastal Karnataka and Kerala during 2<sup>nd</sup> half of the week.*

***Warning: Heavy to very heavy rainfall would occur at a few places over Jammu division of Jammu & Kashmir, Himachal Pradesh and Uttarakhand during next 48 hours.***

- ***Isolated heavy to very heavy rainfall would occur over Sub-Himalayan West Bengal & Sikkim, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Bihar, East Rajasthan, Northeastern States and Coastal Karnataka during next 48 hours.***

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

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

- *Rain/thundershowers at most places over Uttarakhand and Himachal Pradesh and many places over the rest region.*

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

- *Rain/thundershowers at a few places over Gangetic West Bengal and Orissa and at many places over the rest region.*

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

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

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

- *Rain / thundershower at a few places over Coastal AP, Rayalseema and Telangana.*
- *Rain/thundershowers at most places over Coastal Karnataka and at many places over the rest region.*

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

- *Rain / thundershower at a few places over Gujarat Region and Saurashtra & Kutch and at many places over the rest region.*

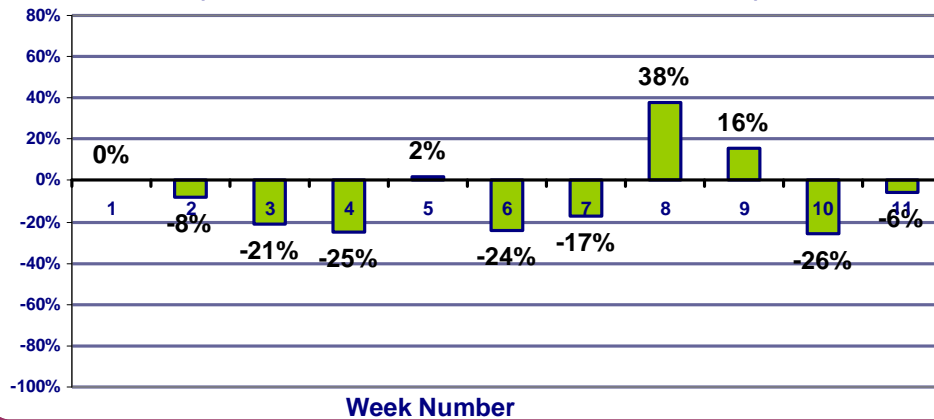
#### ***Central India (MP, Chhattisgarh, Vidarbha)***

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

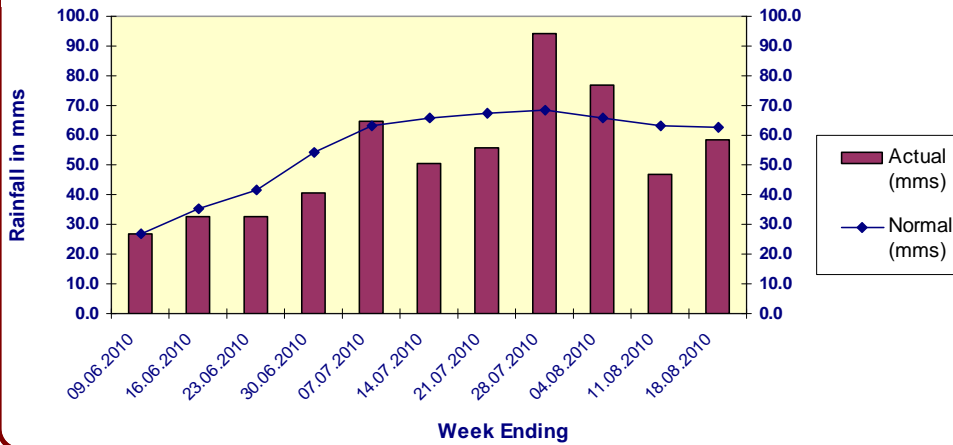


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

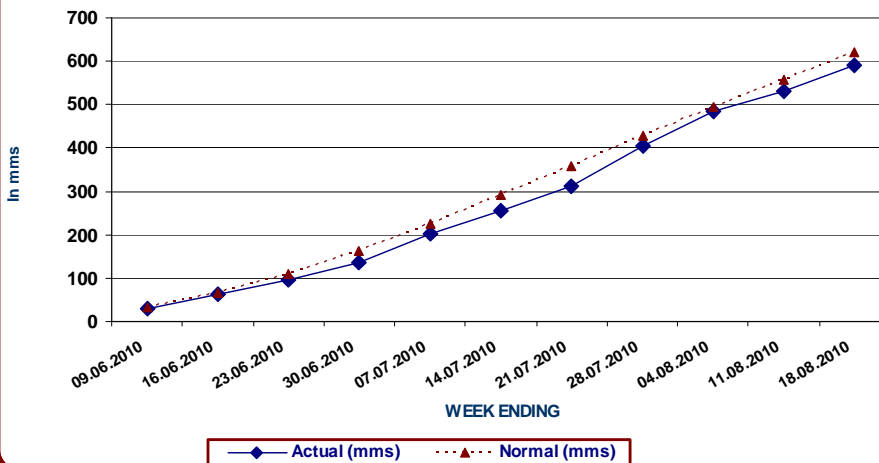
(Monsoon 2010 - from 01.06.2010 to 18.08.2010)



### 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 19.08.2010)

- 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 75.05 BCM from the previous week's level of 67.05 BCM. Current storage is **more** than the last year's position of 59.22 BCM and the average of last 10 year's storage of 77.24 BCM.

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

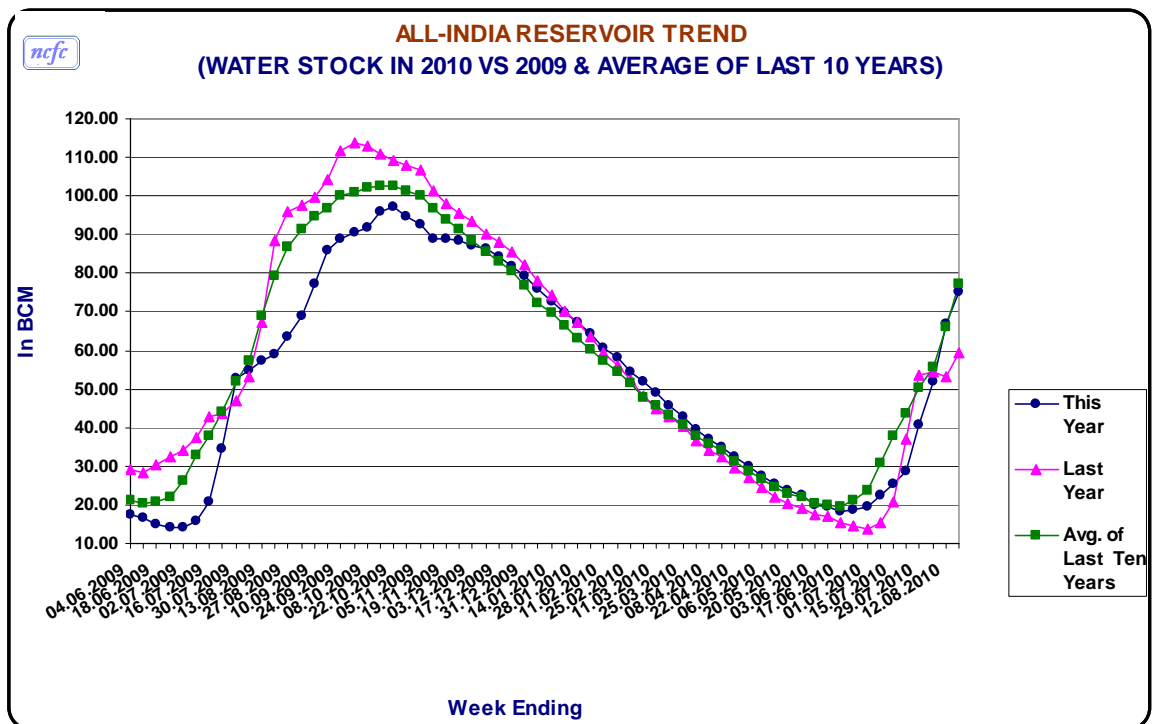
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	49	127	97
Last Week	44	126	101

The percentage to live capacity at FRL was 39% on 19/08/2009, 48% on 19/08/2008, 62% on 16/08/2007 and 74% on 16/08/2006.

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

Source: CWC

- There were 49 reservoirs having storage more than 80%, 21 reservoirs having storage between 50% to 80% of Normal Storage, 4 reservoirs having storage between 30% to 50% of Normal Storage and 7 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 August, 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 August, 2010</i></b>	<b><i>2710</i></b>	<b><i>1099</i></b>	<b><i>408</i></b>	<b><i>966</i></b>
<b><i>Availability during 1<sup>st</sup> to 19<sup>th</sup> August, 2010</i></b>	<b><i>1615</i></b>	<b><i>744</i></b>	<b><i>486</i></b>	<b><i>714</i></b>
<b><i>Sales during 1<sup>st</sup> to 19<sup>th</sup> August, 2010</i></b>	<b><i>841</i></b>	<b><i>399</i></b>	<b><i>239</i></b>	<b><i>303</i></b>
<b><i>Closing Stock as on 19.08.2010</i></b>	<b><i>774</i></b>	<b><i>346</i></b>	<b><i>247</i></b>	<b><i>411</i></b>
<b><i>Requirement for September, 2010</i></b>	<b><i>2307</i></b>	<b><i>1242</i></b>	<b><i>520</i></b>	<b><i>876</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 20-08-2010</b>							
							(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Change vis-à-vis prev. year		
		This Year 2010	% of Normal	Last Year 2009	2008	Absolute Change 2009	Absolute Change 2008
Rice	395.10	297.53	75.3	276.84	324.63	20.7	-27.1
Jowar	35.98	28.11	78.1	27.65	27.53	0.5	0.6
Bajra	93.29	82.29	88.2	67.62	72.35	14.7	9.9
Maize	68.65	71.70	104.4	68.80	66.64	2.9	5.1
<b>Total Coarse Cereals</b>	<b>222.23</b>	<b>197.34</b>	<b>88.8</b>	<b>177.30</b>	<b>184.05</b>	<b>20.0</b>	<b>13.3</b>
<b>Total Cereals</b>	<b>617.33</b>	<b>494.87</b>	<b>80.2</b>	<b>454.14</b>	<b>508.68</b>	<b>40.7</b>	<b>-13.8</b>
Tur	35.53	41.71	117.4	31.91	31.46	9.8	10.2
Urard	22.82	21.89	96.0	19.67	19.58	2.2	2.3
Moong	26.14	24.86	95.1	21.79	22.91	3.1	1.9
Others	23.46	17.38	74.1	14.75	21.61	2.6	-4.2
<b>Total Pulses</b>	<b>107.94</b>	<b>105.84</b>	<b>98.0</b>	<b>88.12</b>	<b>95.57</b>	<b>17.7</b>	<b>10.3</b>
<b>Total Foodgrains</b>	<b>725.27</b>	<b>600.71</b>	<b>82.8</b>	<b>542.26</b>	<b>604.25</b>	<b>58.4</b>	<b>-3.5</b>
Groundnut	53.81	48.01	89.2	37.14	49.54	10.9	-1.5
Soyabean	84.00	91.81	109.3	93.82	94.12	-2.0	-2.3
Sunflower	8.15	2.29	28.1	4.24	4.11	-2.0	-1.8
Sesamum	17.76	12.96	73.0	12.91	13.18	0.1	-0.2
Niger	4.23	1.41	33.3	0.93	1.93	0.0	-0.5
Castor	7.78	4.92	63.3	4.15	5.81	0.8	-0.9
<b>Total Oilseed</b>	<b>175.72</b>	<b>161.40</b>	<b>91.8</b>	<b>153.19</b>	<b>168.70</b>	<b>8.2</b>	<b>-7.3</b>
Cotton	90.86	105.67	116.3	95.59	87.05	10.1	18.6
Sugarcane	44.97	47.68	106.0	41.79	44.13	5.9	3.6
Jute	7.85	7.56	96.3	6.92	7.37	0.6	0.2
<b>All- Crops</b>	<b>1044.67</b>	<b>923.01</b>	<b>88.4</b>	<b>839.75</b>	<b>911.50</b>	<b>83.3</b>	<b>11.5</b>

Source: Crops &amp; TMOP Divisions, DAC



**Procurement:****Table – 5: Progressive procurement of Rice as on 20.08.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 20.08.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
<b>Andhra Pradesh</b>	<b>90.60</b>	<b>66.94</b>	<b>84.90</b>
<b>Chhattisgarh</b>	<b>28.48</b>	<b>31.51</b>	<b>27.47</b>
<b>Haryana</b>	<b>14.25</b>	<b>18.18</b>	<b>14.25</b>
<b>Kerala</b>	<b>2.37</b>	<b>2.61</b>	<b>2.37</b>
<b>Maharashtra</b>	<b>2.61</b>	<b>2.13</b>	<b>2.57</b>
<b>Orissa</b>	<b>27.90</b>	<b>24.72</b>	<b>27.42</b>
<b>Punjab</b>	<b>85.53</b>	<b>92.75</b>	<b>85.53</b>
<b>Tamil Nadu</b>	<b>11.99</b>	<b>11.68</b>	<b>11.64</b>
<b>Uttar Pradesh</b>	<b>36.87</b>	<b>27.15</b>	<b>36.12</b>
<b>Uttaranchal</b>	<b>3.49</b>	<b>3.75</b>	<b>3.47</b>
<b>West Bengal</b>	<b>16.67</b>	<b>12.01</b>	<b>15.48</b>
<b>All-India</b>	<b>336.84</b>	<b>305.40</b>	<b>326.97</b>