

**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: 04<sup>th</sup> November, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 29.10.2010.**

*Summary observations of the Group on Agenda Item*

- *In the Post monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> October to 27<sup>th</sup> October, 2010 was 61.1 mm which is 17% less than L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 112.77 BCM on 21.10.2010 to 113.36 BCM on 28.10.2010.*
- *As per latest information available on sowing of crops, around 99% of the normal area under kharif crops have been sown upto 29.10.2010. Area sown under all kharif crops taken together has been reported to be 1039.00 lakh hectares at All India level as compared to 970.26 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 23.3 lakh ha. under Rice, 4.9 lakh ha. under Maize, 8.4 lakh ha. under Cotton, 8.6 lakh ha. under Sugarcane, 8.4 lakh ha. under Tur, 3.0 lakh ha. under Urad, 5.0 lakh ha. under Moong and 5.2 lakh ha. under Groundnut. Area coverage is lower by 2.5 lakh ha. under Soyabean and 2.9 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 16.10.2010 decreased to 16.62% from the previous week's level of 18.05%. The inflation rate was 10.31% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to 6.56% from the previous week's level of 7.01%, Rice to 3.49% from the previous week's level of 4.72%, Cereals to 4.97% from the previous week's level of 5.88% and for Pulses to 4.16% from the previous week's level of 4.44%.*

- *The inflation for non-food items has decreased to 22.80% from the previous week's level of 23.64% and for the food items to 13.75% from the previous week's level of 15.53%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 29.10.2010 was 68.08 lakh tonnes as compared to 76.96 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))**

#### **Post Monsoon Rainfall (October - December) during the week ending on 27<sup>th</sup> October, 2010**

- **Widespread rainfall occurred** over Himachal Pradesh, Coastal Karnataka and Kerala during one or two days of the week.
- **Fairly widespread rainfall** occurred over Andaman & Nicobar Islands, Assam & Meghalaya, Orissa, Jharkhand, East Uttar Pradesh, East Madhya Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh, Tamil Nadu & Puducherry, Karnataka, Kerala and Lakshadweep during one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands during many days, over Telangana during a few days and over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, Uttarakhand, Haryana, Chandigarh & Delhi, Jammu & Kashmir, West Madhya Pradesh, Maharashtra & Goa, Chhattisgarh, interior Karnataka and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura during most days, over Assam & Meghalaya, Konkan & Goa, Coastal Andhra Pradesh and Tamil Nadu & Puducherry during many days, over North Interior Karnataka during a few days and over Andaman & Nicobar Islands, West Bengal & Sikkim, Orissa, Bihar, Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Madhya Pradesh, Gujarat State, Madhya Maharashtra, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Coastal & South Interior Karnataka, Kerala and Lakshadweep during one or two days of the week.
- Mainly **dry weather** prevailed over the rest regions of the country during the week.
- Rainfall during the week was excess /normal in 29 and deficient / scanty in 5 and no rain in 02 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 27<sup>th</sup> October, 2010)** was excess / normal in 16 met sub-divisions and deficient / scanty in 20 met sub-divisions.

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

Region	Week Ending (27.10.2010)				Cumulative (01.06.10 to 27.10.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	10.9	2.4	359	E	13.1	27.6	-52	D
Central India	15.2	7.5	102	E	52.5	53.8	-2	N
South Peninsular India	35.8	34.7	3	N	125.0	137.4	-9	N
East & North-East India	18.5	19.5	-5	N	92.7	125.0	-26	D
Country as a whole	18.5	13.2	40	E	61.1	73.5	-17	N

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

Source: India Meteorological Department, New Delhi

## Temperature

### Maximum temperatures

- Above normal to appreciably above normal over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, East Rajasthan, Madhya Pradesh, Coastal Andhra Pradesh and Tamil Nadu & Puducherry during most days of the week.
- Above normal over West Bengal & Sikkim, Marathawada, Vidarbha, South Interior Karnataka and Kerala during a few days and over Uttarakhand and West Uttar Pradesh during one or two days of the week.
- Below normal over Punjab during most days and over rest of India during one or two days of the week.
- Markedly below normal over Jammu & Kashmir on 22<sup>nd</sup> October 2010.
- Maximum temperatures were near normal over the rest regions of the country.

### Minimum temperatures

- Above normal to appreciably above normal over east, northeast, central India and Tamil Nadu & Puducherry during most days of the week.
- Markedly above normal over Haryana, Chandigarh & Delhi and Madhya Maharashtra on 21<sup>st</sup> October 2010.
- Appreciably below normal over northeast India on 21<sup>st</sup> October, over east, northeast India and Marathawada & Vidarbha for one or two days during 2nd half of the week.
- Minimum temperatures were 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 28<sup>th</sup> October - 03<sup>rd</sup> November, 2010  
by IMD***

***Outlook for the Week Ending 03<sup>rd</sup> November, 2010***

- *Onset of northeast monsoon likely over Tamil Nadu & adjoining areas during 1st half of the week.*
- *Fairly widespread rain/thundershowers would occur over peninsular India during the week.*
- *Fall in minimum temperature would occur over northwest India and parts of central India during the week.*
- *Southwest monsoon may withdraw from some more parts of central and peninsular India during the week.*

***Warning: Isolated heavy rainfall would occur over Tamil Nadu, Coastal Andhra Pradesh, Kerala and Lakshadweep during next 48 hours.***

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

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

- *Rain/thundershowers at many places over Himachal Pradesh, Jammu & Kashmir; at a few places over Uttarakhand and Punjab and at isolated over West Uttar Pradesh.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at a few places over West Bengal, Orissa and Jharkhand and at isolated places over Bihar and East UP.*

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

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

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

- *Rain/thundershower at many places over Coastal Karnataka, Kerala and A& N Islands and at a few places over North & South Interior Karnataka and Lakshadweep.*
- *Rain/thundershowers at isolated over the rest region.*

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

- *Rain/thundershowers at many places over Konkan & Goa and Madhya Maharashtra; at a few places over Marathawada and at isolated places over the rest region.*

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

- *Rain/thundershowers at isolated places over MP and at a few places Vidarbha and Chhattisgarh.*

## Reservoir Status (For the week ending on 28.10.2010)

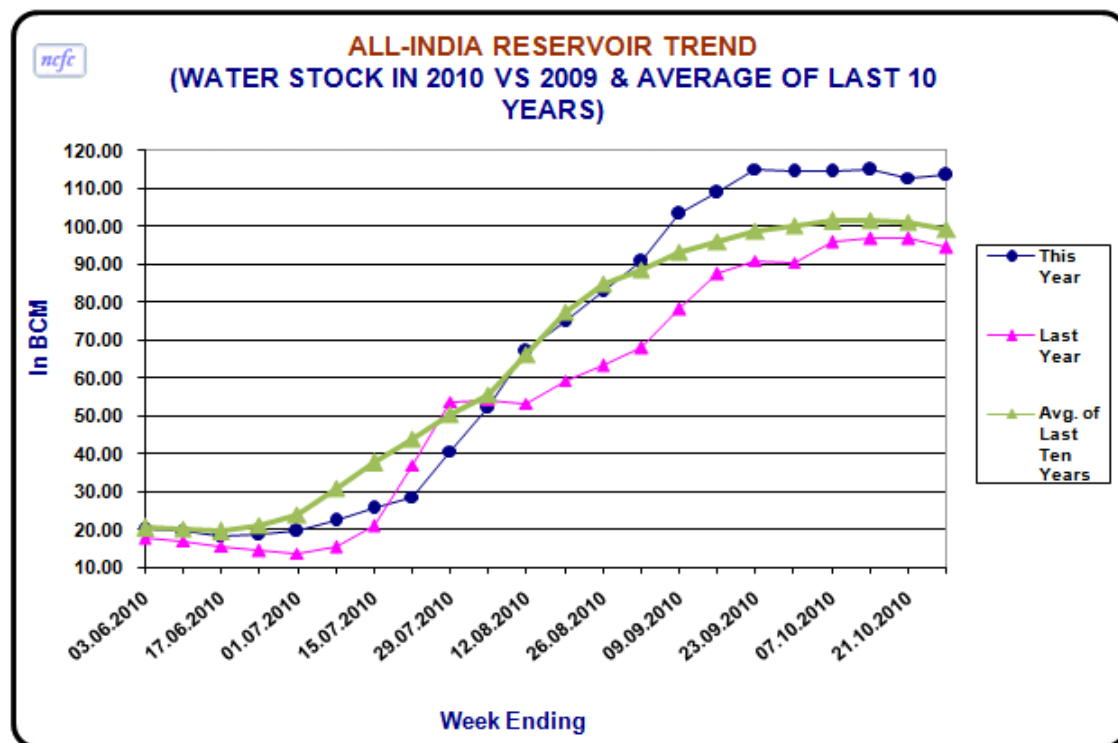
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 113.36 BCM from the previous week's level of 112.77 BCM. Current storage is **more** than the last year's position of 94.32 BCM and average of last 10 year's storage of 99.21 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	75	120	114
Last Week	74	117	112
The percentage to live capacity at FRL was 62% on 28/10/2009, 70% on 28/10/2008, 79% on 25/10/2007 and 84% on 25/10/2006.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 63 reservoirs having storage more than 80%, 12 reservoirs having storage between 50% to 80% of Normal Storage, 3 reservoirs having storage between 30% to 50% of Normal Storage and 3 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***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for October, 2010</i>	<i>2456</i>	<i>1845</i>	<i>525</i>	<i>1018</i>
<i>Availability during 1<sup>st</sup> to 28<sup>th</sup> October, 2010</i>	<i>2031</i>	<i>1352</i>	<i>436</i>	<i>934</i>
<i>Sales during 1<sup>st</sup> to 28<sup>th</sup> October, 2010</i>	<i>1302</i>	<i>841</i>	<i>177</i>	<i>559</i>
<i>Closing Stock as on 28.10.2010</i>	<i>729</i>	<i>512</i>	<i>259</i>	<i>375</i>
<i>Requirement for November, 2010</i>	<i>3088</i>	<i>1573</i>	<i>552</i>	<i>961</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**

<i>All India Crop Situation - Kharif (2010) as on 29-10-2010</i>							
(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	358.64	90.8	335.33	389.05	23.3	-30.4
Jowar	35.98	30.55	84.9	30.93	29.99	-0.4	0.6
Bajra	93.29	86.38	92.6	85.18	76.93	1.2	9.4
Maize	68.65	75.84	110.5	70.97	71.47	4.9	4.4
<b>Total Coarse Cereals</b>	<b>222.23</b>	<b>212.16</b>	<b>95.5</b>	<b>206.16</b>	<b>199.85</b>	<b>6.0</b>	<b>12.3</b>
<b>Total Cereals</b>	<b>617.33</b>	<b>570.80</b>	<b>92.5</b>	<b>541.49</b>	<b>588.90</b>	<b>29.3</b>	<b>-18.1</b>
Tur	35.53	44.86	126.3	36.48	34.65	8.4	10.2
Urad	22.82	26.19	114.8	23.22	21.98	3.0	4.2
Moong	26.14	29.88	114.3	24.83	24.12	5.0	5.8
Others	23.46	25.12	107.1	20.78	24.12	4.3	1.0
<b>Total Pulses</b>	<b>107.94</b>	<b>126.05</b>	<b>116.8</b>	<b>105.31</b>	<b>104.88</b>	<b>20.7</b>	<b>21.2</b>
<b>Total Foodgrains</b>	<b>725.27</b>	<b>696.85</b>	<b>96.1</b>	<b>646.80</b>	<b>693.78</b>	<b>50.0</b>	<b>3.1</b>
Groundnut	53.81	49.84	92.6	44.65	52.87	5.2	-3.0
Soyabean	84.00	93.35	111.1	95.82	96.42	-2.5	-3.1
Sunflower	8.15	2.91	35.6	5.85	6.73	-2.9	-3.8
Sesamum	17.76	17.06	96.1	17.62	15.65	-0.6	1.4
Niger	4.23	3.30	77.9	2.85	3.75	0.4	-0.5
Castor	7.78	9.05	116.3	7.64	8.70	1.4	0.3
<b>Total Oilseed</b>	<b>175.72</b>	<b>175.49</b>	<b>99.9</b>	<b>174.43</b>	<b>184.12</b>	<b>1.1</b>	<b>-8.6</b>
Cotton	90.86	108.47	119.4	100.09	91.87	8.4	16.6
Sugarcane	44.97	50.60	112.5	42.02	44.15	8.6	6.5
Jute	7.85	7.59	96.7	6.92	7.37	0.7	0.2
<b>All- Crops</b>	<b>1044.67</b>	<b>1039.00</b>	<b>99.5</b>	<b>970.26</b>	<b>1021.29</b>	<b>68.7</b>	<b>17.7</b>

Source: Crops &amp; TMOP Divisions, DAC



**Procurement:****Table – 5: Progressive procurement of Rice as on 29.10.2010 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 29.10.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>72.78</b>	<b>-</b>	<b>-</b>
<b>Chhattisgarh</b>	<b>33.32</b>	<b>-</b>	<b>-</b>
<b>Haryana</b>	<b>18.19</b>	<b>12.04</b>	<b>14.26</b>
<b>Kerala</b>	<b>2.61</b>	<b>0.30</b>	<b>0.46</b>
<b>Maharashtra</b>	<b>2.20</b>	<b>-</b>	<b>-</b>
<b>Orissa</b>	<b>24.95</b>	<b>-</b>	<b>-</b>
<b>Punjab</b>	<b>92.75</b>	<b>55.01</b>	<b>61.88</b>
<b>Tamil Nadu</b>	<b>12.16</b>	<b>0.63</b>	<b>0.21</b>
<b>Uttar Pradesh</b>	<b>27.26</b>	<b>0.03</b>	<b>0.03</b>
<b>Uttaranchal</b>	<b>3.75</b>		
<b>West Bengal</b>	<b>12.40</b>		
<b>All-India</b>	<b>314.78</b>	<b>68.08</b>	<b>76.96</b>