

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

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 19.11.2010.**

*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 17<sup>th</sup> November, 2010 was 106.5 mm which is 9% more than the L.P.A. Last week recorded significantly higher rainfall in Central India (437% above LPA) and South Peninsula (116% above LPA).*
- *Sowing of important rabi crops such as Wheat, Jowar, Gram, Rapseed & Mustard has gained momentum in the past week.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 113.41 BCM on 11.11.2010 to 113.46 BCM on 18.11.2010.*
- *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 06.11.2010 decreased to 13.30% from the previous week's level of 14.87%. The inflation rate was 12.17% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to 0.99% from the previous week's level of 2.81%, Rice to 2.16% from the previous week's level of 3.11%, Cereals to 2.12% from the previous week's level of 3.44% and for Pulses to -4.71% from the previous week's level of -3.45%.*
- *The inflation for non-food items has increased to 22.01% from the previous week's level of 20.49% and for the food items has decreased to 10.30% from the previous week's level of 12.30%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 19.11.2010 was 102.84 lakh tonnes as compared to 111.79 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 17<sup>th</sup> November, 2010**

- **Widespread rainfall** occurred over Kerala during a few days and over Andaman & Nicobar Islands, Vidarbha, Coastal Andhra Pradesh, Rayalaseema, Tamilnadu & Puducherry and coastal & south interior Karnataka during one or two days of the week.
- **Fairly widespread rainfall** occurred over Andaman & Nicobar Islands during a few days and over West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Tamilnadu & Puducherry, coastal & south interior Karnataka and Lakshadweep during one or two days of the week.
- **Scattered rainfall** occurred over Sub-Himalayan West Bengal & Sikkim, Orissa, Haryana, Chandigarh & Delhi, Rajasthan, West Madhya Pradesh, Konkan & Goa, Marathawada, Vidarbha, Coastal Andhra Pradesh, Telangana and Kerala during one or two days of the week.
- **Isolated rainfall** occurred over Rajasthan and Gujarat State during many days, over Konkan & Goa and Lakshadweep during a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, East Uttar Pradesh, Madhya Pradesh, Madhya Maharashtra, Marathawada, Andhra Pradesh, Tamilnadu & Puducherry and Karnataka during one or two days of the week.
- Rainfall during the week was excess /normal in 23 and deficient / scanty in 09 and no rain in 04 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 17<sup>th</sup> November, 2010)** was excess / normal in 19 met sub-divisions and deficient / scanty in 17 met sub-divisions.

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

Region	Week Ending (17.11.2010)				Cumulative (01.06.10 to 17.11.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	2.2	1.9	16	N	15.5	34.7	-55	D
Central India	15.6	2.9	437	E	77.4	67.3	15	N
South Peninsular India	41.0	19.0	116	E	299.8	209.8	43	E
East & North-East India	1.1	3.9	-71	S	105.1	146.3	-28	D
Country as a whole	14.2	5.9	139	E	106.5	97.9	9	N

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

Source: India Meteorological Department, New Delhi

## Temperature

### Minimum Temperatures

- Markedly above normal over Rajasthan, Madhya Pradesh and Gujarat State during the week.
- Appreciably above normal to markedly above normal over Bihar, Uttar Pradesh, Uttarakhand, Maharashtra, Chhattisgarh and Andhra Pradesh during the week.
- Above normal to appreciably above normal over northeastern States during the week.
- Above normal over Tamilnadu, Karnataka during most days and over Punjab, Himachal Pradesh and Jammu & Kashmir during a few days 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 18<sup>th</sup> - 24<sup>th</sup> November, 2010 by IMD***

### **Outlook for the Week Ending 24<sup>th</sup> November, 2010**

- *Minimum temperature is likely to fall further over northwest, central and east India during the week*
- *Fairly widespread rain/thundershower would occur over northeastern States during the 1<sup>st</sup> half and over peninsular India during the 2<sup>nd</sup> half of the week.*
- ***Warning: Isolated heavy rainfall would occur over South Tamil Nadu and Kerala during next 48 hours.***

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

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

- *Rain/thundershowers at isolated over Himachal Pradesh and Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at isolated places over Gangetic West Bengal, Jharkhand and Bihar.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at a few places over the region.*

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

- *Rain/thundershower at many places over Lakshadweep A& N Islands and at a few places over the rest region.*

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

- *Rain/thundershowers at isolated places over Madhya Maharashtra and Marathawada and at a few places over the rest region.*

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

- *Rain/thundershowers at isolated places over East MP, Vidarbha and Chhattisgarh.*

## Reservoir Status (For the week ending on 18.11.2010)

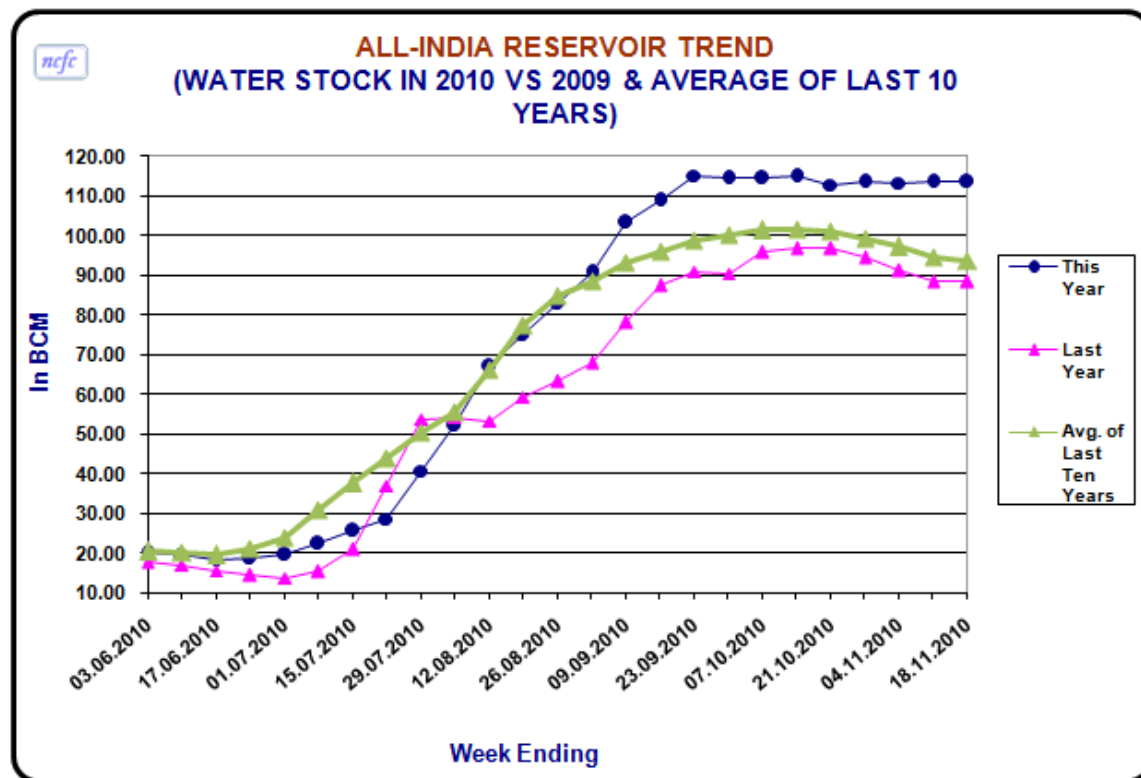
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 113.46 BCM from the previous week's level of 113.41 BCM. Current storage is **more** than the last year's position of 88.18 BCM and average of last 10 year's storage of 93.64 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	129	121
Last Week	75	129	120
The percentage to live capacity at FRL was 58% on 18/11/2009, 64% on 18/11/2008, 76% on 15/11/2007 and 79% on 15/11/2006.			
* 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 and November, 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 and November, 2010</i>	<i>5544</i>	<i>3417</i>	<i>1078</i>	<i>1979</i>
<i>Availability during 1<sup>st</sup> October to 17<sup>th</sup> November, 2010</i>	<i>3707</i>	<i>2021</i>	<i>653</i>	<i>1600</i>
<i>Sales during 1<sup>st</sup> October to 17<sup>th</sup> November, 2010</i>	<i>2890</i>	<i>1485</i>	<i>373</i>	<i>1117</i>
<i>Closing Stock as on 17.11.2010</i>	<i>817</i>	<i>536</i>	<i>280</i>	<i>483</i>
<i>Requirement for December, 2010</i>	<i>3550</i>	<i>698</i>	<i>443</i>	<i>770</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.

**Procurement:****Table – 4: Progressive procurement of Rice as on 19.11.2010 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 19.11.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>72.78</b>	<b>0.87</b>	<b>0.96</b>
<b>Chhattisgarh</b>	<b>33.32</b>	<b>-</b>	<b>-</b>
<b>Haryana</b>	<b>18.19</b>	<b>16.04</b>	<b>17.65</b>
<b>Kerala</b>	<b>2.61</b>	<b>0.51</b>	<b>0.66</b>
<b>Maharashtra</b>	<b>2.20</b>	<b>0.00</b>	<b>0.03</b>
<b>Orissa</b>	<b>24.95</b>	<b>-</b>	<b>-</b>
<b>Punjab</b>	<b>92.75</b>	<b>84.04</b>	<b>90.85</b>
<b>Tamil Nadu</b>	<b>12.16</b>	<b>0.77</b>	<b>0.22</b>
<b>Uttar Pradesh</b>	<b>27.26</b>	<b>0.44</b>	<b>0.99</b>
<b>Uttaranchal</b>	<b>3.75</b>	<b>0.07</b>	<b>0.25</b>
<b>West Bengal</b>	<b>12.40</b>	<b>-</b>	<b>-</b>
<b>All-India</b>	<b>314.78</b>	<b>102.84</b>	<b>111.79</b>