

**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: 16<sup>th</sup> December, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 10.12.2010.**

*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 08<sup>th</sup> December, 2010 was 138.0 mm which is 22% more than the L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 113.16 BCM on 02.12.2010 to 111.56 BCM on 09.12.2010.*
- *Area sown reported till 10.12.2010 under Wheat, Coarse Cereals, Pulses and Oilseeds was 76%, 82%, 102% and 76% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 77% of the normal area under rabi crops have been sown upto 10.12.2010, area sown under all rabi crops taken together has been reported to be 459.28 lakh hectares at All India level as compared to 470.35 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 3.6 lakh ha. under Gram, 1.2 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 5.8 lakh ha. under Wheat, 4.7 lakh ha. under Jowar, 1.2 lakh ha. under Rice and Maize each 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 27.11.2010 decreased to 12.66% from the previous week's level of 12.72%. The inflation rate was 16.79% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to -3.00% from the previous week's level of -3.16%, Rice has decreased to 1.60% from the previous week's level of 1.84%, for Pulses to -10.91% from the previous week's level of -10.00% and Cereals remained steady during the week at 0.66%.*

- *The inflation for non-food items has decreased to 23.46% from the previous week's level of 24.06% and for the food items has increased to 8.69% from the previous week's level of 8.60%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 10.12.2010 was 120.86 lakh tonnes as compared to 129.77 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 08<sup>th</sup> December, 2010**

- **Widespread rainfall** occurred over Coastal Andhra Pradesh during a few days and over Andaman & Nicobar Islands, Orissa, Chhattisgarh and Tamilnadu & Puducherry during one or two days of the week.
- **Fairly widespread rainfall** occurred over Andaman & Nicobar Islands, Gangetic West Bengal, Bihar, Telangana, Rayalseema, Tamilnadu & Puducherry and Lakshadweep during one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands during a few days and over Orissa, Jharkhand, East Madhya Pradesh, Vidarbha, Chhattisgarh, Rayalseema, Tamil Nadu & Puducherry, Interior Karnataka and Kerala during one or two days of the week.
- **Isolated rainfall** occurred over Kerala during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Bihar, Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Andhra Pradesh and Lakshadweep during one or two days of the week.
- Weather was **mainly dry** over the rest regions of the country.
- Rainfall during the week was excess /normal in 13 and deficient / scanty in 10 and no rain in 13 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 08<sup>th</sup> December, 2010)** was excess / normal in 22 met sub-divisions and deficient / scanty in 14 met sub-divisions.

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

Region	Week Ending (08.12.2010)				Cumulative (01.06.10 to 08.12.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.0	1.9	-99	S	25.9	42.4	-39	D
Central India	5.1	1.2	336	E	101.1	75.7	33	E
South Peninsular India	38.2	12.2	213	E	395.0	250.4	58	E
East & North-East India	2.2	1.5	49	E	114.9	157.1	-27	D
Country as a whole	9.6	3.6	165	E	138.0	112.8	22	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 Madhya Maharashtra and Marthawada during many days and over Vidarbha during a few days of the week.
- Above normal to appreciably above normal over Coastal Andhra Pradesh during most days and over Gujarat Region, Telangana and Tamil Nadu & Puducherry during many days of the week.
- Below normal to appreciably below normal over Assam & Meghalaya and Saurashtra & Kutch during many days and over West Madhya Pradesh 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 09<sup>th</sup> - 15<sup>th</sup> December, 2010 by IMD***

### **Outlook for the Week Ending 15<sup>th</sup> December, 2010**

- *Fairly widespread rainfall would occur over Peninsular India during the 1<sup>st</sup> half of the week.*
- *Minimum temperatures would be normal over Northwest and Central India during 1<sup>st</sup> half of the week and they would fall over the same region during 2<sup>nd</sup> half of the week..*

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

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

- *Rain/thundershowers at isolated places over Uttarakhand, Himachal Pradesh and J & K.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at isolated places over Orissa and Sub-Himalayan West Bengal & Sikkim.*
- *Mainly dry weather over the rest region.*

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

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

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

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

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

- *Rain/thundershowers at isolated places over Konkan & Goa and Madhya Maharashtra.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at isolated places over Vidarbha and Chhattisgarh.*
- *Mainly dry weather over the rest region.*

## Reservoir Status (For the week ending on 09.12.2010)

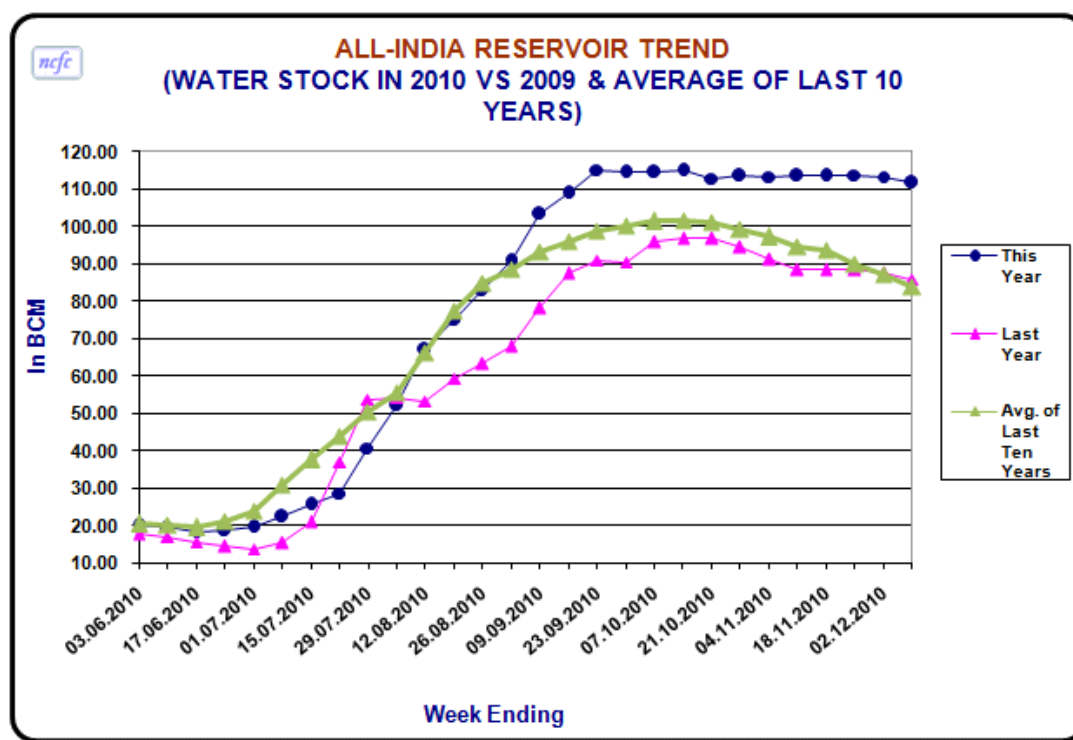
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 111.56 BCM from the previous week's level of 113.16 BCM. Current storage is **more** than the last year's position of 85.77 BCM and average of last 10 year's storage of 83.85 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	74	130	133
Last Week	75	130	130
The percentage to live capacity at FRL was 57% on 09/12/2009, 59% on 09/12/2008, 68% on 06/12/2007 and 74% on 06/12/2006.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 65 reservoirs having storage more than 80%, 11 reservoirs having storage between 50% to 80% of Normal Storage, 3 reservoirs having storage between 30% to 50% of Normal Storage and 2 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, November and December, 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, November and December 2010</i>	<i>9094</i>	<i>4116</i>	<i>1521</i>	<i>2749</i>
<i>Availability during 1<sup>st</sup> October to 9<sup>th</sup> December, 2010</i>	<i>5714</i>	<i>2797</i>	<i>927</i>	<i>2321</i>
<i>Sales during 1<sup>st</sup> October to 9<sup>th</sup> December, 2010</i>	<i>5052</i>	<i>2540</i>	<i>641</i>	<i>1969</i>
<i>Closing Stock as on 09.12.2010</i>	<i>662</i>	<i>257</i>	<i>285</i>	<i>352</i>
<i>Requirement for January, 2010</i>	<i>2880</i>	<i>433</i>	<i>366</i>	<i>661</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>All India Crop Situation - Rabi (2010-11) as on 10-12-2010</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		This Year	% of Normal	Last Year	2008	2009	2008
Wheat	273.30	207.11	75.8	212.90	213.60	-5.8	-6.5
Rice	42.57	1.87	4.4	3.03	1.98	-1.2	-0.1
Jowar	47.07	38.82	82.5	43.47	46.60	-4.7	-7.8
Maize	9.76	6.69	68.6	7.85	6.79	-1.2	-0.1
Total Coarse Cereals	63.23	52.09	82.4	57.98	59.97	-5.9	-7.9
Total Cereals	379.10	261.07	68.9	273.91	275.55	-12.8	-14.5
Gram	73.14	80.60	110.2	76.98	73.25	3.6	7.3
Lentil	14.30	14.15	99.0	15.28	12.64	-1.1	1.5
Peas	7.32	6.57	89.8	6.98	7.62	-0.4	-1.1
Kulthi(Horse Gram)	2.83	4.55	160.8	4.41	4.19	0.1	0.4
Urad	7.16	4.84	67.6	4.47	4.08	0.4	0.8
Moong	6.50	3.03	46.6	2.27	1.90	0.8	1.1
Lathyrus	6.41	3.86	60.2	3.43	4.11	0.4	-0.3
Others	3.22	4.89	151.9	3.98	4.82	0.9	0.1
Total Pulses	120.21	122.49	101.9	117.80	112.62	4.7	9.9
Total Foodgrains	499.30	383.56	76.8	391.71	388.17	-8.1	-4.6
Rapeseed & Mustard	67.01	62.07	92.6	60.86	63.28	1.2	-1.2
Groundnut	9.09	2.97	32.7	3.14	3.53	-0.2	-0.6
Safflower	3.45	2.25	65.3	2.58	2.64	-0.3	-0.4
Sunflower	12.63	3.77	29.8	6.83	9.17	-3.1	-5.4
Sesamum	2.53	0.41	16.4	0.37	0.65	0.0	-0.2
Linseed	4.40	3.71	84.3	3.72	3.66	0.0	0.0
Others	0.58	0.53	92.2	1.14	0.82	-0.6	-0.3
Total Oilseed (Nine)	99.83	75.72	75.9	78.64	83.75	-2.9	-8.0
All- Crops	599.13	459.28	76.7	470.35	471.92	-11.1	-12.6
Source: Crops & TMOP Divisions, DAC							

**Procurement:****Table – 5: Progressive procurement of Rice as on 10.12.2010 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 10.12.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	72.78	5.30	3.81
Chhattisgarh	33.32	6.25	5.94
Haryana	18.19	16.45	17.95
Kerala	2.61	0.61	0.77
Maharashtra	2.20	0.18	0.38
Orissa	24.95	-	-
Punjab	92.75	86.34	92.67
Tamil Nadu	12.16	0.89	0.23
Uttar Pradesh	27.26	2.76	5.70
Uttaranchal	3.75	0.73	0.84
West Bengal	12.40	0.26	0.16
All-India	314.78	120.86	129.77