

**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: 18<sup>th</sup> October, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 08.10.2010.**

**Summary observations of the Group on Agenda Item**

- *The withdrawal line of Southwest Monsoon continue to pass through Raxaul, Patna, Sidhi, Bhopal, Ratlam, Ahmadabad and Porbandar.*
- *In the Post monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> October to 06<sup>th</sup> October, 2010 was 13.0 mm which is 45% 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 114.45 BCM on 30.09.2010 to 114.37 BCM on 07.10.2010.*
- *As per latest information available on sowing of crops, around 98% of the normal area under kharif crops have been sown upto 08.10.2010. Area sown under all kharif crops taken together has been reported to be 1021.92 lakh hectares at All India level as compared to 957.58 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 21.4 lakh ha. under Rice, 4.9 lakh ha. under Maize, 8.9 lakh ha. under Cotton, 8.6 lakh ha. under Sugarcane, 10.7 lakh ha. under Tur, 2.3 lakh ha. under Urad, 3.2 lakh ha. under Moong and 5.0 lakh ha. under Groundnut. Area coverage is lower by 2.5 lakh ha. under Soyabean 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 25.09.2010 increased to 18.53% from the previous week's level of 18.31%. The inflation rate was 9.78% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to 6.49% from the previous week's level of 9.14%, Rice to 3.86% from the previous week's level of 4.05%, Cereals to 5.26% from the previous week's level of 6.11% and for Pulses to 4.44% from the previous week's level of 5.94%.*

- *The inflation for non-food items has increased to 22.15% from the previous week's level of 20.21% and for the food items has decreased to 16.24% from the previous week's level of 16.44%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 11.10.2010 was 16.85 lakh tonnes as compared to 16.36 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 06<sup>th</sup> October, 2010**

- Widespread rainfall occurred over Kerala during many days, over Andaman & Nicobar Islands and Coastal Karnataka for a few days and over Gangetic West Bengal, South Interior Karnataka and Lakshadweep for one or two days of the week.
- Fairly widespread rainfall occurred over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Orissa, Konkan & Goa, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Tamilnadu & Puducherry, Coastal & South Interior Karnataka, Kerala and Lakshadweep for one or two days of the week.
- Scattered rainfall occurred over Coastal Andhra Pradesh, Tamilnadu & Puducherry, Interior Karnataka for many days of the week, over Andaman & Nicobar Islands, Konkan & Goa, Madhya Maharashtra for a few days, over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Coastal Karnataka and Lakshadweep during one or two days of the week.
- Isolated rainfall occurred over Orissa during most days, over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Bihar, Chhattisgarh, Telangana and Rayalaseema during many days, over Assam & Meghalaya, Gangetic West Bengal, Gujarat region, Vidarbha, and North Interior Karnataka for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Jharkhand, West Uttar Pradesh, Uttarakhand, Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Tamilnadu & Puducherry, Coastal & South Interior Karnataka, Kerala and Lakshadweep during one or two days of the week.
- Rainfall during the week was excess /normal in 10, deficient / scanty in 23 and no rain in 03 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 06<sup>th</sup> October, 2010)** was excess / normal in 31 met sub-divisions and deficient / scanty in 05 met sub-divisions.

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

Region	Week Ending (06.10.2010)				Cumulative (01.06.10 to 30.09.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.1	12.3	-99	S	688.2	613.0	12	N
Central India	12.4	22.7	-45	D	1027.9	991.5	4	N
South Peninsular India	44.5	38.8	15	N	853.6	722.9	18	N
East & North-East India	12.1	54.0	-78	S	1175.8	1436.2	-18	N
Country as a whole	14.9	27.7	-46	D	912.8	893.2	2	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 west and central India during most days of the week.
- Normal to appreciably above normal over east and northeast India during many days of the week.
- Normal to above normal over northwest India during most days and over southern peninsula during many days of the week.
- Markedly above normal over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Saurashtra & Kutch for one or two day during the week.
- Below normal to appreciably below normal over east and northeast India, Coastal Andhra Pradesh and Kerala on 6th October and below normal over Tamilnadu & Puducherry over 1st and 2nd October.
- Near normal over the rest regions of the country.

### Minimum temperatures

- Near normal over southern peninsula during most days of the week.
- They were above normal Northeastern states and Vidarbha during a few days, over east, northwest, west and central India during many days of the week.
- They were below normal to appreciably below normal over Jharkhand, Madhya Pradesh and Chhattisgarh during one or two days of the week.
- They were below normal over Vidarbha during many days of the week.
- 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 07<sup>th</sup> - 13<sup>th</sup> October, 2010 by IMD***

### **Outlook for the Week Ending 13<sup>th</sup> October, 2010**

- *Fairly widespread rainfall is likely to occur over Coastal Andhra Pradesh, Orissa, Gangetic West Bengal, Northeastern States and Peninsular India during first half of the week.*
- *Fairly widespread to widespread rainfall is also likely to occur over Northeastern States during second half of the week.*

***Warning: Heavy to very heavy rainfall would occur at a few places over Nagaland, Manipur, Mizoram & Tripura and Assam & Meghalaya during next 48 hours.***

- *Isolated heavy rainfall would occur over Lakshadweep, Kerala and Andaman & Nicobar Islands during next 48 hours and over Gangetic West Bengal during next 24 hours.*

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

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

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

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

- *Mainly dry weather over the 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 many places over Tamil Nadu, Coastal and South Karnataka, Kerala and Lakshadweep.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over the region.*

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

- *Mainly dry weather over the region.*

## Reservoir Status (For the week ending on 07.10.2010)

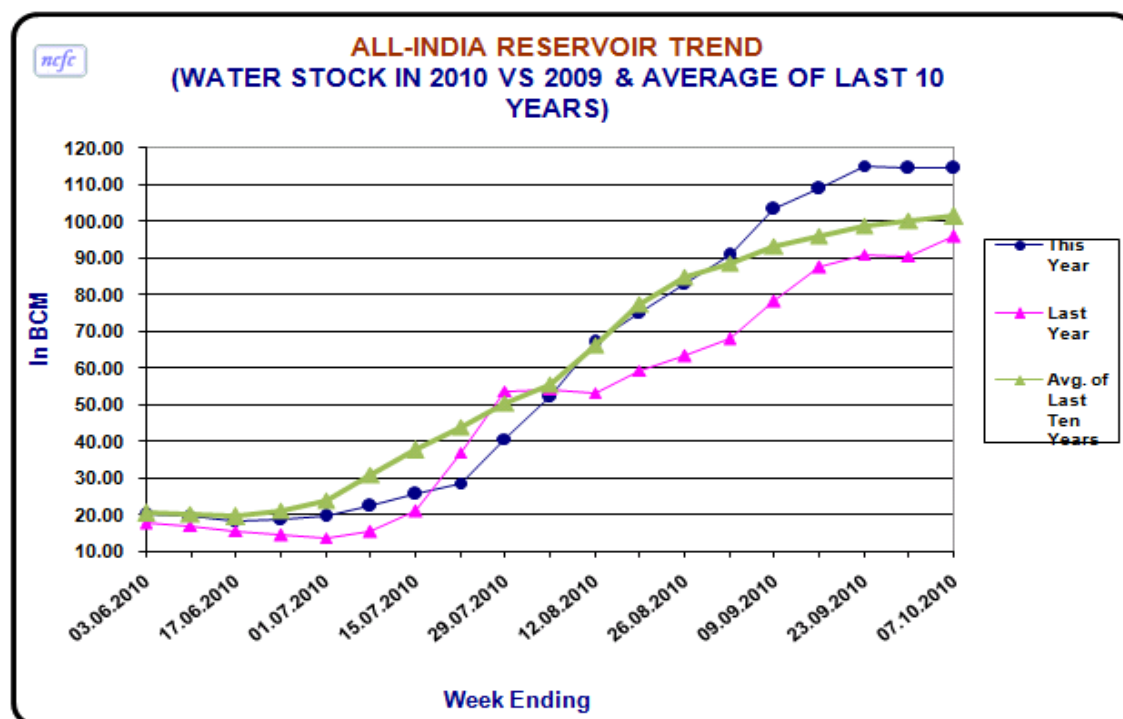
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 114.37 BCM from the previous week's level of 114.45 BCM. Current storage is **more** than the last year's position of 95.83 BCM and average of last 10 year's storage of 101.27 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	119	113
Last Week	75	127	115
The percentage to live capacity at FRL was 63% on 07/10/2009, 74% on 07/10/2008, 81% on 04/10/2007 and 87% on 04/10/2006.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 66 reservoirs having storage more than 80%, 10 reservoirs having storage between 50% to 80% of Normal Storage, 2 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 08<sup>th</sup> October, 2010</i>	<i>395</i>	<i>364</i>	<i>207</i>	<i>236</i>
<i>Sales during 1<sup>st</sup> to 08<sup>th</sup> October, 2010</i>	<i>61</i>	<i>41</i>	<i>7</i>	<i>28</i>
<i>Closing Stock as on 08.10.2010</i>	<i>334</i>	<i>323</i>	<i>201</i>	<i>208</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

All India Crop Situation - Kharif (2010) as on 08-10-2010						(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	352.80	89.3	331.42	381.54	21.4	-28.7
Jowar	35.98	30.55	84.9	30.93	29.13	-0.4	1.4
Bajra	93.29	86.38	92.6	85.18	77.74	1.2	8.6
Maize	68.65	75.84	110.5	70.97	71.20	4.9	4.6
Total Coarse Cereals	222.23	212.16	95.5	206.16	197.83	6.0	14.3
Total Cereals	617.33	564.96	91.5	537.58	579.37	27.4	-14.4
Tur	35.53	44.42	125.0	33.75	34.53	10.7	9.9
Urad	22.82	24.14	105.8	21.79	21.88	2.3	2.3
Moong	26.14	26.94	103.1	23.73	24.03	3.2	2.9
Others	23.46	20.44	87.1	18.39	23.78	2.0	-3.3
Total Pulses	107.94	115.93	107.4	97.66	104.23	18.3	11.7
Total Foodgrains	725.27	680.89	93.9	635.24	683.60	45.7	-2.7
Groundnut	53.81	49.69	92.4	44.65	52.53	5.0	-2.8
Soyabean	84.00	93.34	111.1	95.82	96.44	-2.5	-3.1
Sunflower	8.15	2.77	33.9	5.85	6.57	-3.1	-3.8
Sesamum	17.76	17.01	95.8	17.62	15.34	-0.6	1.7
Niger	4.23	3.30	78.0	2.85	3.45	0.4	-0.2
Castor	7.78	8.89	114.3	7.65	8.65	1.2	0.2
Total Oilseed	175.72	175.00	99.6	174.43	182.98	0.6	-8.0
Cotton	90.86	107.84	118.7	98.97	90.92	8.9	16.9
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
All- Crops	1044.67	1021.92	97.8	957.58	1009.02	64.3	12.9

Source: Crops & TMOP Divisions, DAC



## Procurement:

**Table – 5: Progressive procurement of Rice as on 11.10.2010 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 11.10.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	72.78	-	-
Chhattisgarh	33.32	-	-
Haryana	18.19	2.50	5.36
Kerala	2.61	0.12	0.18
Maharashtra	2.20	-	-
Orissa	24.95	-	-
Punjab	92.75	14.14	10.75
Tamil Nadu	12.16	0.09	0.05
Uttar Pradesh	27.26		
Uttaranchal	3.75		
West Bengal	12.40		
All-India	314.78	16.85	16.36