

**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: 17<sup>th</sup> March, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 11.03.2011.**

*Summary observations of the Group on Agenda Item*

- *In the Pre-Monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> March to 09<sup>th</sup> March, 2011 was 5.2 mm which is 31% less 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 73.39 BCM on 03.03.2011 to 69.74 BCM on 10.03.2011.*
- *Area sown reported till 11.03.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 130% and 99% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 109% of the normal area under rabi crops have been sown upto 11.03.2011, area sown under all rabi crops taken together has been reported to be 652.73 lakh hectares at All India level as compared to 629.35 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 10.9 lakh ha. under Gram and 7.2 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, 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 26.02.2011 decreased to 13.96% from the previous week's level of 14.85%. The inflation rate was 21.68% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Pulses has increased to -3.91% from the previous week's level to -5.02%, for Wheat to -1.07% from the previous week's level of -2.06% and Cereals to 2.02% from the previous week's level of 2.01% and for Rice has decreased to 1.16% from the previous week's level of 2.38%.*

- *The inflation for non-food items has decreased to 29.85% from the previous week's level of 30.81% and for the food items to 9.52% from the previous week's level of 10.39%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 10.03.2011 was 237.00 lakh tonnes as compared to 239.72 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))**

#### **Pre-Monsoon Rainfall (March - May) during the week ending on 09<sup>th</sup> March, 2011**

- **Widespread rainfall** occurred over Arunachal Pradesh, Uttarakhand, Himachal Pradesh and Jammu & Kashmir during one or two days of the week.
- **Scattered rainfall** occurred over East Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu & Kashmir and Vidarbha during one or two days of the week.
- **Isolated rainfall** occurred over Assam & Meghalaya, Haryana, Chandigarh & Delhi, West Rajasthan during few days and over Arunachal Pradesh, Orissa, Jharkhand, Bihar, Uttar Pradesh, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, Madhya Pradesh, Marathwada, Chhattisgarh 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 06, deficient / scanty in 14 and no rain in 16 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> March to 09<sup>th</sup> March, 2011)** was excess / normal in 04 met sub-divisions, deficient / scanty in 18 met sub-divisions and no rain in 14 out of 36 met sub-divisions.

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

Region	Week Ending (09.03.2011)				Cumulative (01.01.11 to 09.03.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
<b>North-West India</b>	<b>13.8</b>	<b>9.7</b>	<b>43</b>	<b>E</b>	<b>15.5</b>	<b>12.4</b>	<b>25</b>	<b>E</b>
<b>Central India</b>	<b>0.1</b>	<b>1.9</b>	<b>-94</b>	<b>S</b>	<b>0.4</b>	<b>2.6</b>	<b>-86</b>	<b>S</b>
<b>South Peninsular India</b>	<b>0.0</b>	<b>2.8</b>	<b>-99</b>	<b>S</b>	<b>0.0</b>	<b>3.2</b>	<b>-99</b>	<b>S</b>
<b>East &amp; North-East India</b>	<b>2.0</b>	<b>11.1</b>	<b>-82</b>	<b>S</b>	<b>2.0</b>	<b>14.2</b>	<b>-86</b>	<b>S</b>
<b>Country as a whole</b>	<b>4.6</b>	<b>5.9</b>	<b>-22</b>	<b>D</b>	<b>5.2</b>	<b>7.6</b>	<b>-31</b>	<b>D</b>

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

Source: India Meteorological Department, New Delhi

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.

## **Temperature**

### **Maximum Temperatures**

- Below normal to appreciably below normal over Haryana, Chandigarh & Delhi, and Punjab during many days, over West Uttar Pradesh and Rajasthan during few days and over East Uttar Pradesh, Uttarakhand, Himachal Pradesh, Jammu & Kashmir, West Madhya Pradesh, Saurashtra & Kutch, South Interior Karnataka and Madhya Maharashtra during one or two days of the week.
- Above normal to appreciably above normal over Assam & Meghalaya, Orissa, Jharkhand, Vidarbha, Chhattisgarh and Telangana during most days, over Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Himachal Pradesh, Madhya Pradesh, Gujarat State, Konkan & Goa, Madhya Maharashtra, Marathawada, Rayalaseema and Coastal Karnataka during many days, over Gangetic West Bengal, Bihar and interior Karnataka during few days and over Andaman & Nicobar Islands, Arunachal Pradesh, East Uttar Pradesh, Jammu & Kashmir, Rajasthan, Coastal Andhra Pradesh, Tamilnadu & Puducherry, Kerala and Lakshadweep for one or two days during the week.
- Markedly above normal over Coastal Andhra Pradesh during few days and over Arunachal Pradesh, Jharkhand, Jammu & Kashmir and Tamilnadu & Puducherry for one or two days during the week.

### **Minimum temperature**

- Below normal to appreciably below normal over Tamilnadu & Puducherry during most days, over Rayalaseema and Interior Karnataka for many days, over Orissa, Jammu & Kashmir, Coastal Andhra Pradesh and Coastal Karnataka for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Gujarat State, Madhya Maharashtra, Vidarbha and Kerala for one or two days during the week.
- Above normal to appreciably above normal over Rajasthan and Marathawada for most days, over Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, Bihar, Uttar Pradesh, Madhya Pradesh, Gujarat State, Konkan & Goa for many days, over Arunachal Pradesh, Assam & Meghalaya, Orissa and Uttarakhand for a few days and over Nagaland, Manipur, Mizoram & Tripura, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Andhra Pradesh, Tamilnadu & Puducherry North Interior Karnataka and Kerala for one or two days during the week.
- Markedly above normal over West Bengal & Sikkim and Madhya Pradesh during one or two days of the week.
- Markedly below normal over Rayalaseema and Kerala during one or two days of the week.
- Minimum temperatures were normal/near normal over the rest regions of the country.

## ***Weather Outlook / Forecast for the period 10<sup>th</sup> - 16<sup>th</sup> March, 2011 by IMD***

### **Outlook for the Week Ending 16<sup>th</sup> March, 2011**

- *Fairly widespread rainfall would occur over Andaman & Nicobar Islands during the first half of the week.*
- *No significant change in minimum temperatures over Northwest & Central India and Northeastern States during the week.*
- *Maximum temperatures would rise over Northeastern States and fall over Northwest and Peninsular India and no significant change in maximum temperatures over remaining parts of the country during the week.*

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

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

- *Rain/thundershowers at isolated places over Himachal Pradesh.*
- *Mainly dry weather over the rest region.*

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

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

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

- *Rain/thundershowers at many places over Arunachal Pradesh.*
- *Rain/thundershowers at a few places over the rest region.*

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

- *Rain/thundershower at many places over Andaman & Nicobar Islands and at isolated places over Tamil Nadu & Puducherry, 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)***

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

## Reservoir Status (For the week ending on 10.03.2011)

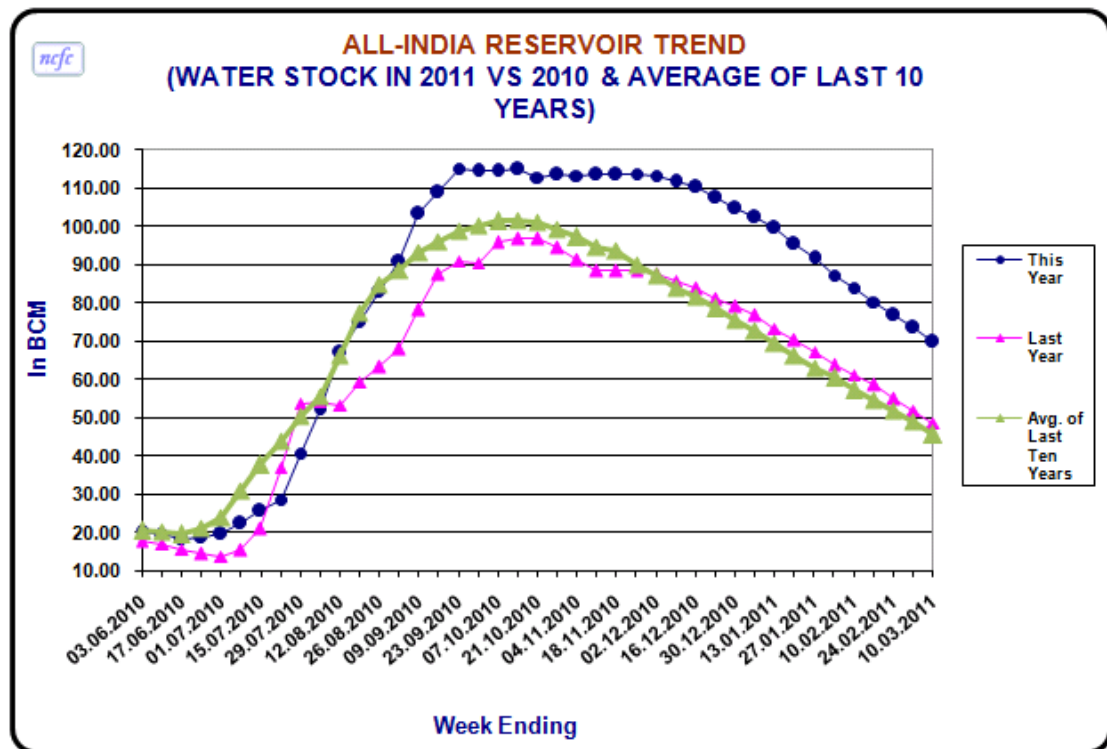
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 69.74 BCM from the previous week's level of 73.39 BCM. Current storage is **more** than the last year's position of 48.58 BCM and average of last 10 year's storage of 45.53 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	46	144	153
Last Week	48	142	150
The percentage to live capacity at FRL was 32% on 10/03/2010, 29% on 10/03/2009, 39% on 07/03/2008 and 44% on 07/03/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 66 reservoirs having storage more than 80%, 7 reservoirs having storage between 50% to 80% of Normal Storage, 3 reservoirs having storage between 30% to 50% of Normal Storage and 5 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 to March 2011***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for 1<sup>st</sup> October 2010 to 09<sup>th</sup> March 2011</i>	<i>15414</i>	<i>5217</i>	<i>2149</i>	<i>4193</i>
<i>Availability during 1<sup>st</sup> October 2010 to 09<sup>th</sup> March 2011</i>	<i>14107</i>	<i>4543</i>	<i>1881</i>	<i>4913</i>
<i>Sales during 1<sup>st</sup> October 2010 to 09<sup>th</sup> March 2011</i>	<i>13669</i>	<i>4397</i>	<i>1716</i>	<i>4547</i>
<i>Closing Stock as on 09.03.2011</i>	<i>437</i>	<i>146</i>	<i>165</i>	<i>366</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 11-03-2011</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		11.03.2011	% of Normal	11.03.2010	13.03.2009	2009-10	2008-09
Wheat	273.30	294.06	107.6	283.60	277.98	10.5	16.1
Rice	42.57	41.61	97.7	41.74	44.58	-0.1	-3.0
Jowar	47.07	41.19	87.5	45.43	48.82	-4.2	-7.6
Maize	9.76	12.32	126.3	12.25	12.22	0.1	0.1
Total Coarse Cereals	63.23	61.81	97.8	65.83	69.24	-4.0	-7.4
Total Cereals	379.10	397.48	104.8	391.17	391.80	6.3	5.7
Gram	73.14	95.98	131.2	85.10	85.81	10.9	10.2
Lentil	14.26	15.68	110.0	15.46	15.21	0.2	0.5
Peas	7.32	7.35	100.4	7.40	8.44	-0.1	-1.1
Kulthi(Horse Gram)	2.64	4.99	188.9	4.92	5.10	0.1	-0.1
Urad	7.20	10.92	151.7	10.76	9.94	0.2	1.0
Moong	6.29	8.44	134.2	8.40	7.19	0.0	1.3
Lathyrus	6.05	4.81	79.5	3.88	4.31	0.9	0.5
Others	3.29	7.84	238.0	6.43	6.91	1.4	0.9
Total Pulses	120.21	156.01	129.8	142.35	142.90	13.7	13.1
Total Foodgrains	499.30	553.49	110.9	533.52	534.70	20.0	18.8
Rapeseed & Mustard	67.01	72.45	108.1	65.25	66.20	7.2	6.3
Groundnut	9.09	9.89	108.8	10.67	9.88	-0.8	0.0
Safflower	3.45	2.42	70.1	2.67	2.82	-0.2	-0.4
Sunflower	12.63	5.66	44.8	8.72	11.66	-3.1	-6.0
Sesamum	2.53	2.05	81.1	2.48	1.31	-0.4	0.7
Linseed	4.40	5.05	114.9	4.51	4.56	0.5	0.5
Others	0.58	1.72	297.6	1.53	1.81	0.2	-0.1
Total Oilseed (Nine)	99.83	99.24	99.4	95.83	98.23	3.4	1.0
All- Crops	599.13	652.73	108.9	629.35	632.93	23.4	19.8

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 5: Progressive procurement of Rice as on 10.03.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 10.03.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	34.76	31.73
Chhattisgarh	33.57	34.84	31.15
Haryana	18.19	16.59	18.12
Kerala	2.61	0.97	1.47
Maharashtra	2.29	1.65	1.61
Orissa	24.96	15.31	16.45
Punjab	92.75	86.34	92.84
Tamil Nadu	12.41	9.21	6.66
Uttar Pradesh	29.01	19.95	24.18
Uttaranchal	3.75	2.84	2.76
West Bengal	12.40	6.59	7.05
All-India	320.34	237.00	239.72