

**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> March, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 25.02.2011.**

*Summary observations of the Group on Agenda Item*

- *In the winter season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> January to 23<sup>rd</sup> February, 2011 was 27.9 mm which is 23% 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 80.23 BCM on 17.02.2011 to 76.59 BCM on 24.02.2011.*
- *Area sown reported till 25.02.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 107%, 96%, 127% and 97% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 107% of the normal area under rabi crops have been sown upto 25.02.2011, area sown under all rabi crops taken together has been reported to be 638.98 lakh hectares at All India level as compared to 619.15 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 9.2 lakh ha. under Wheat, 10.5 lakh ha. under Gram and 7.2 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.3 lakh ha. under Jowar and 2.8 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 12.02.2011 increased to 15.77% from the previous week's level of 14.59%. The inflation rate was 21.82% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to -1.01% from the previous week's level of -2.54%, Pulses to -5.62% from the previous week's level to -5.88%, for Cereals to 2.07% from the previous week's level of 1.53% and Rice has decreased to 1.65% from the previous week's level of 1.89%.*

- *The inflation for non-food items has increased to 31.58% from the previous week's level of 27.14% and for the food items to 11.49% from the previous week's level of 11.05%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 24.02.2011 was 223.06 lakh tonnes as compared to 226.50 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))**

#### Winter Rainfall (January - February) during the week ending on 23<sup>rd</sup> February, 2011

- **Widespread rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura, Orissa, Uttarakhand, Himachal Pradesh, Jammu & Kashmir and Chhattisgarh during one or two days of the week.
- **Fairly widespread rainfall** occurred over Sub-Himalayan West Bengal & Sikkim, Bihar, Jammu & Kashmir, Coastal Andhra Pradesh and Tamil Nadu & Puducherry during one or two days of the week.
- **Scattered rainfall** occurred over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Orissa, East Uttar Pradesh, Punjab, Himachal Pradesh, Jammu & Kashmir, Chhattisgarh, Telangana, Rayalseema and Interior Karnataka during one or two days of the week.
- **Isolated rainfall** occurred over Jharkhand during many days, over Uttarakhand, Punjab, Madhya Pradesh and Andhra Pradesh during a few days and over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Bihar, West Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, Rajasthan, Konkan & Goa, Vidarbha, Chhattisgarh and Interior Karnataka 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 19, deficient / scanty in 12 and no rain in 5 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> January to 23<sup>rd</sup> February, 2011)** was excess / normal in 11 met sub-divisions, deficient / scanty in 24 met sub-divisions and no rain in one met sub-division.

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

Region	Week Ending (23.02.2011)				Cumulative (01.01.11 to 23.02.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	5.4	10.7	-50	D	64.7	68.0	-5	N
Central India	4.0	1.7	137	E	4.3	14.2	-70	S
South Peninsular India	9.8	2.6	272	E	16.9	13.7	24	E
East & North-East India	11.7	10.7	10	N	20.0	48.4	-59	D
Country as a whole	6.8	6.1	11	N	27.9	36.1	-23	D

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

Source: India Meteorological Department, New Delhi

## Temperature

### Minimum Temperatures

- Below normal to appreciably below normal over Assam & Meghalaya, East Uttar Pradesh, Konkan & Goa, Madhya Maharashtra, Marathawada, Coastal Karnataka, North Interior Karnataka during many days, over Punjab, Jammu & Kashmir, Vidarbha and Chhattisgarh during a few days and over Arunachal Pradesh, West Bengal & Sikkim, Orissa, Jharkhand, Bihar, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, West Rajasthan, Madhya Pradesh, Telangana, Rayalseema, South Interior Karnataka and Lakshadweep during one or two days of the week.
- Above normal to appreciably above normal over Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh, Tamil Nadu & Puducherry during most days, over Orissa, Jharkhand, West Rajasthan, Madhya Pradesh and Telangana during many days, over Gangetic West Bengal, Saurashtra & Kutch, Rayalseema during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Bihar, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, East Rajasthan, Gujarat Region, Madhya Maharashtra, Marathawada, Vidarbha, Chhattisgarh and Interior Karnataka during one or two days of the week.
- Markedly below normal over Bihar and Vidarbha during one or two days of the week.
- Minimum temperatures were normal /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 24<sup>th</sup> February - 02<sup>nd</sup> March, 2011  
by IMD***

***Outlook for the Week Ending 02<sup>nd</sup> March, 2011***

- *Fairly widespread rain/snowfall would occur over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during the week.*
- *No significant change in minimum temperatures over Northeastern States and Northwest & central India during the week.*

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

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

- *Rain/thundershowers at many places over Jammu & Kashmir; at a few places over Himachal Pradesh and Uttarakhand.*
- *Rain/thundershowers at isolated places over rest region of the country for 24 hours and mainly dry thereafter.*

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

- *Rain/thundershowers at a few places over Jharkhand and at isolated places over rest region of the country for 24 hours and mainly dry thereafter.*

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

- *Rain/thundershowers at a few places over Arunachal Pradesh.*
- *Mainly dry weather 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 a few places over Telangana, Tamil Nadu & Puducherry, South Interior Karnataka Kerala and Lakshadweep and at isolated places over Rayalseema, Coastal AP, Coastal Karnataka and North Interior Karnataka.*

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

- *Rain/thundershowers at a few places over Chhattisgarh and at isolated places over Madhya Maharashtra and Marthawada.*
- *Mainly dry weather over the region.*

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

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

## Reservoir Status (For the week ending on 24.02.2011)

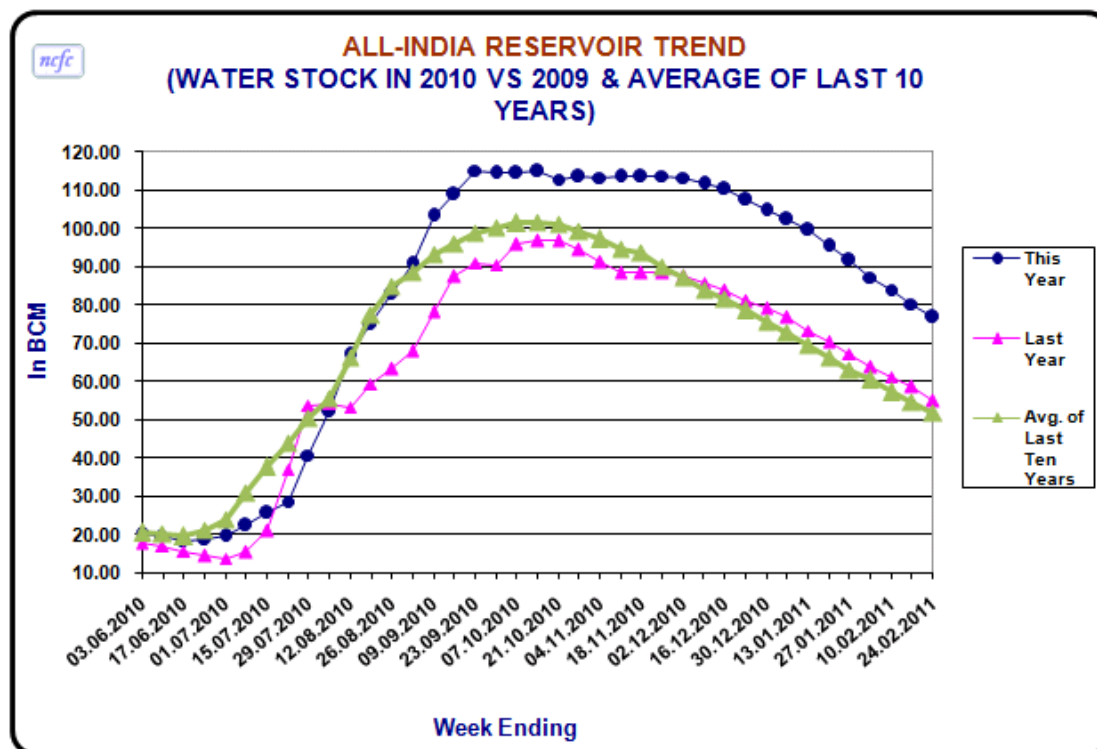
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 76.59 BCM from the previous week's level of 80.23 BCM. Current storage is **more** than the last year's position of 54.89 BCM and average of last 10 year's storage of 51.64 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	50	140	148
Last Week	53	137	147
The percentage to live capacity at FRL was 36% on 24/02/2010, 37% on 24/02/2009, 43% on 21/02/2008 and 48% on 21/02/2007.			
* 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%, 7 reservoirs having storage between 50% to 80% of Normal Storage, 5 reservoirs having storage between 30% to 50% of Normal Storage and 4 reservoirs having storage below 30% of normal storage.



### **Fertilizer Position:**

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during October 2010 to February 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 24<sup>th</sup> February 2011</i>	<i>13877</i>	<i>4899</i>	<i>2220</i>	<i>3918</i>
<i>Availability during 1<sup>st</sup> October 2010 to 24<sup>th</sup> February 2011</i>	<i>13180</i>	<i>4274</i>	<i>1774</i>	<i>4568</i>
<i>Sales during 1<sup>st</sup> October 2010 to 24<sup>th</sup> February 2011</i>	<i>12631</i>	<i>4124</i>	<i>1571</i>	<i>4144</i>
<i>Closing Stock as on 24.02.2011</i>	<i>549</i>	<i>150</i>	<i>204</i>	<i>425</i>
<i>Requirement for March, 2011</i>	<i>1537</i>	<i>318</i>	<i>262</i>	<i>413</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 25-02-2011</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		25.02.2011	% of Normal	25.02.2010	27.02.2009	2009-10	2008-09
Wheat	273.30	292.83	107.1	283.60	277.98	9.2	14.9
Rice	42.57	35.77	84.0	36.53	35.62	-0.8	0.2
Jowar	47.07	41.18	87.5	45.43	48.76	-4.3	-7.6
Maize	9.76	11.98	122.8	12.24	11.37	-0.3	0.6
Total Coarse Cereals	63.23	60.90	96.3	65.78	68.27	-4.9	-7.4
Total Cereals	379.10	389.50	102.7	385.91	381.87	3.6	7.6
Gram	73.14	95.64	130.8	85.10	85.80	10.5	9.8
Lentil	14.26	15.60	109.4	15.46	15.21	0.1	0.4
Peas	7.32	7.35	100.4	7.47	8.44	-0.1	-1.1
Kulthi(Horse Gram)	2.64	4.98	188.5	4.91	5.09	0.1	-0.1
Urad	7.20	9.20	127.8	9.15	9.33	0.0	-0.1
Moong	6.29	7.59	120.6	7.27	6.71	0.3	0.9
Lathyrus	6.05	4.70	77.6	3.88	4.31	0.8	0.4
Others	3.29	7.72	234.4	6.38	6.80	1.3	0.9
Total Pulses	120.21	152.78	127.1	139.62	141.70	13.2	11.1
Total Foodgrains	499.30	542.28	108.6	525.53	523.57	16.8	18.7
Rapeseed & Mustard	67.01	72.55	108.3	65.38	65.94	7.2	6.6
Groundnut	9.09	8.51	93.6	9.46	8.45	-0.9	0.1
Safflower	3.45	2.40	69.4	2.67	2.82	-0.3	-0.4
Sunflower	12.63	5.62	44.5	8.39	11.48	-2.8	-5.9
Sesamum	2.53	0.87	34.3	1.70	1.23	-0.8	-0.4
Linseed	4.40	4.97	113.1	4.50	4.51	0.5	0.5
Others	0.58	1.78	308.0	1.53	1.22	0.3	0.6
Total Oilseed (Nine)	99.83	96.70	96.9	93.62	95.65	3.1	1.1
All- Crops	599.13	638.98	106.7	619.15	619.22	19.8	19.8

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 5: Progressive procurement of Rice as on 24.02.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 24.02.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	30.48	27.98
Chhattisgarh	33.57	34.62	29.56
Haryana	18.19	16.57	18.11
Kerala	2.61	0.80	1.05
Maharashtra	2.29	1.36	1.38
Orissa	24.96	13.17	14.44
Punjab	92.75	86.34	92.78
Tamil Nadu	12.41	6.79	4.95
Uttar Pradesh	29.01	17.75	23.15
Uttaranchal	3.75	2.66	2.61
West Bengal	12.40	5.74	5.83
All-India	320.34	223.06	226.50