

**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: 08<sup>th</sup> April, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 01.04.2011.**

*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 30<sup>th</sup> March, 2011 was 20.7 mm which is 30% 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 62.21 BCM on 24.03.2011 to 58.68 BCM on 31.03.2011.*
- *Area sown reported till 01.04.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 131% and 101% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 110% of the normal area under rabi crops have been sown upto 01.04.2011, area sown under all rabi crops taken together has been reported to be 657.96 lakh hectares at All India level as compared to 632.77 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 7.0 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, and 3.2 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 19.03.2011 decreased to 12.98% from the previous week's level of 13.53%. The inflation rate was 21.93% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 2.94% from the previous week's level to 2.75% and Wheat has decreased to 0.00% from the previous week's level to 2.15%, for Cereals to 3.96% from the previous week's level of 4.45% and for Pulses to -4.40% from the previous week's level of -3.78%.*

- *The inflation for non-food items has decreased to 26.18% from the previous week's level of 26.78% and for the food items to 9.50% from the previous week's level of 10.05%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 01.04.2011 was 251.79 lakh tonnes as compared to 253.56 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 30<sup>th</sup> March, 2011

- **Widespread rainfall** occurred over Andaman & Nicobar Islands for a few days and over Himachal Pradesh and Jammu & Kashmir during one or two days of the week.
- **Fairly widespread rainfall** occurred over Andaman & Nicobar Islands, Assam & Meghalaya and Gangetic West Bengal for one or two days during the week.
- **Scattered rainfall** occurred over Arunachal Pradesh during a few days and over Assam & Meghalaya, Uttarakhand and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Arunachal Pradesh and Sub-Himalayan West Bengal & Sikkim for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Vidarbha, Telangana, Tamil Nadu & Puducherry, Interior Karnataka and Kerala for one or two days during the week.
- **Isolated rainfall** occurred over Assam & Meghalaya, Uttarakhand, Tamil Nadu & Puducherry and Kerala for many days, over Andaman & Nicobar Islands, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Himachal Pradesh, Marathawada and Interior Karnataka for a few days and over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Orissa, Jharkhand, Bihar, West Uttar Pradesh, Punjab, Jammu & Kashmir, West Rajasthan, East Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh and Telangana for 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 10, deficient / scanty in 18 and no rain in 8 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> March to 30<sup>th</sup> March, 2011)** was excess / normal in 06 met sub-divisions, deficient / scanty in 26 met sub-divisions and no rain in 04 out of 36 met sub-divisions.

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

Region	Week Ending (30.03.2011)				Cumulative (01.03.11 to 30.03.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	9.7	10.4	-7	N	33.7	47.1	-28	D
Central India	0.4	2.6	-83	S	1.3	9.1	-86	S
South Peninsular India	4.6	3.3	37	E	8.7	11.3	-23	D
East & North-East India	13.8	18.9	-27	D	51.5	62.3	-17	N
Country as a whole	6.2	7.7	-19	N	20.7	29.7	-30	D

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

Source: India Meteorological Department, New Delhi

## Temperature

### Maximum Temperature

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

## **Minimum Temperature**

- Markedly below normal over Madhya Maharashtra and Vidarbha during one or two days of the week.
- Below normal to appreciably below normal over Vidarbha during many days, over Telangana during a few days, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Orissa, Jharkhand, Bihar, Himachal Pradesh, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh, Rayalaseema, Tamilnadu & Puducherry and interior Karnataka during one or two days of the week.
- Above normal to appreciably above normal over Gangetic West Bengal, East Madhya Pradesh and Gujarat state during most days, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Bihar, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, West Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Chhattisgarh, South Interior Karnataka and Kerala during many days, over Orissa, East Rajasthan, Tamilnadu & Puducherry and Coastal Karnataka during a few days and over Arunachal Pradesh, Uttar Pradesh, Himachal Pradesh, Jammu & Kashmir, Marathawada, Vidarbha, Andhra Pradesh and North Interior Karnataka 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 01<sup>st</sup> - 06<sup>th</sup> April, 2011 by IMD***

### ***Outlook for the Week Ending 06<sup>th</sup> April, 2011***

- *Fairly widespread rain / thundershowers accompanied with strong wind speed occur over Eastern, Northeastern States and Andaman & Nicobar Islands during the 1<sup>st</sup> half of the week.*
- *Maximum temperatures would rise over Northwest and Central India during the week.*

***Warning: Isolated heavy rainfall would occur over Assam, Meghalaya and Arunachal Pradesh during next 48 hours.***

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

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

- *Rain/thundershowers at isolated places over Haryana, Chandigarh & Delhi and West UP.*
- *Mainly dry weather over the rest region.*

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

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

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

- *Rain/thundershowers at a few places over Arunachal Pradesh and Assam & Meghalaya and at isolated places over NMM&T.*

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

- *Rain/thundershower at many places over Andaman & Nicobar Islands, at a few places over Tamil Nadu & Puducherry and at isolated places the rest region.*

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

- *Rain/thundershower at isolated places over Rajasthan.*
- *Mainly dry weather over the region.*

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

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

## Reservoir Status (For the week ending on 31.03.2011)

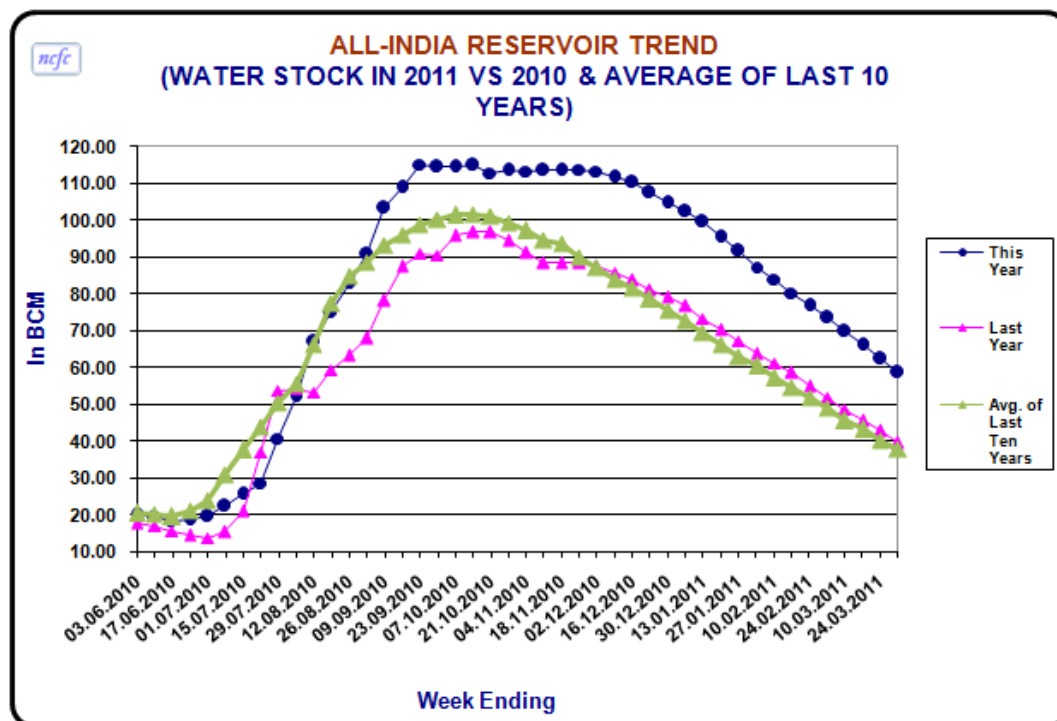
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 58.68 BCM from the previous week's level of 62.21 BCM. Current storage is **more** than the last year's position of 39.40 BCM and average of last 10 year's storage of 37.86 BCM.

**Table – 3: 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	39	149	155
Last Week	41	146	155
The percentage to live capacity at FRL was 26% on 31/03/2010, 24% on 31/03/2009, 34% on 27/03/2008 and 40% on 27/03/2007.			
* 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%, 5 reservoirs having storage between 50% to 80% of Normal Storage, 6 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 – 4: 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 30<sup>th</sup> March 2011</i>	<i>15414</i>	<i>5217</i>	<i>2482</i>	<i>4331</i>
<i>Availability during 1<sup>st</sup> October 2010 to 30<sup>th</sup> March 2011</i>	<i>15473</i>	<i>4741</i>	<i>1993</i>	<i>5321</i>
<i>Sales during 1<sup>st</sup> October 2010 to 30<sup>th</sup> March 2011</i>	<i>14844</i>	<i>4631</i>	<i>1825</i>	<i>4896</i>
<i>Closing Stock as on 30.03.2011</i>	<i>630</i>	<i>110</i>	<i>169</i>	<i>424</i>
<i>Requirement for April, 2011</i>	<i>1378</i>	<i>687</i>	<i>214</i>	<i>514</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.



<b>All India Crop Situation - Rabi (2010-11) as on 01-04-2011</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		01.04.2011	% of Normal	01.04.2010	27.03.2009	2009-10	2008-09
Wheat	273.30	294.08	107.6	283.60	277.98	10.5	16.1
Rice	42.57	43.98	103.3	43.93	46.47	0.0	-2.5
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	61.88	97.9	65.84	69.24	-4.0	-7.4
Total Cereals	379.10	399.94	105.5	393.37	393.69	6.6	6.3
Gram	73.14	96.03	131.3	85.10	86.80	10.9	9.2
Lentil	14.26	15.70	110.1	15.46	15.65	0.2	0.1
Peas	7.32	7.36	100.5	7.40	8.69	0.0	-1.3
Kulthi(Horse Gram)	2.64	4.99	188.9	4.92	5.09	0.1	-0.1
Urad	7.20	11.39	158.3	11.10	10.01	0.3	1.4
Moong	6.29	9.10	144.7	8.70	7.40	0.4	1.7
Lathyrus	6.05	4.82	79.6	3.88	4.31	0.9	0.5
Others	3.29	7.87	238.9	6.47	7.18	1.4	0.7
Total Pulses	120.21	157.26	130.8	143.03	145.13	14.2	12.1
Total Foodgrains	499.30	557.20	111.6	536.40	538.82	20.8	18.4
Rapeseed & Mustard	67.01	72.48	108.2	65.50	66.24	7.0	6.2
Groundnut	9.09	10.89	119.9	11.02	10.66	-0.1	0.2
Safflower	3.45	2.41	69.7	2.68	2.82	-0.3	-0.4
Sunflower	12.63	5.91	46.8	9.10	11.75	-3.2	-5.8
Sesamum	2.53	2.29	90.5	2.03	1.67	0.3	0.6
Linseed	4.40	5.06	115.1	4.51	4.56	0.5	0.5
Others	0.58	1.72	297.6	1.53	1.82	0.2	-0.1
Total Oilseed (Nine)	99.83	100.76	100.9	96.37	99.51	4.4	1.3
All- Crops	599.13	657.96	109.8	632.77	638.33	25.2	19.6

Source: Crops & TMOP Divisions, DAC

**Procurement:****Table – 5: Progressive procurement of Rice as on 01.04.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 01.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>75.55</b>	<b>41.40</b>	<b>37.94</b>
<b>Chhattisgarh</b>	<b>33.57</b>	<b>34.97</b>	<b>30.23</b>
<b>Haryana</b>	<b>18.19</b>	<b>16.59</b>	<b>18.14</b>
<b>Kerala</b>	<b>2.61</b>	<b>1.43</b>	<b>2.10</b>
<b>Maharashtra</b>	<b>2.29</b>	<b>1.81</b>	<b>1.76</b>
<b>Orissa</b>	<b>24.96</b>	<b>15.54</b>	<b>18.09</b>
<b>Punjab</b>	<b>92.75</b>	<b>86.34</b>	<b>92.86</b>
<b>Tamil Nadu</b>	<b>12.41</b>	<b>11.27</b>	<b>8.16</b>
<b>Uttar Pradesh</b>	<b>29.01</b>	<b>21.54</b>	<b>25.25</b>
<b>Uttaranchal</b>	<b>3.75</b>	<b>3.24</b>	<b>3.22</b>
<b>West Bengal</b>	<b>12.40</b>	<b>8.12</b>	<b>8.33</b>
<b>All-India</b>	<b>320.34</b>	<b>251.79</b>	<b>253.56</b>