

**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: 06<sup>th</sup> May, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 29.04.2011.**

*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 27<sup>th</sup> April, 2011 was 61.3 mm which is 4% 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 48.56 BCM on 21.04.2011 to 46.80 BCM on 28.04.2011.*
- *Area sown reported till 29.04.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 131% and 103% 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 29.04.2011, area sown under all rabi crops taken together has been reported to be 660.27 lakh hectares at All India level as compared to 635.12 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 11.6 lakh ha. under Gram and 6.9 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, and 3.5 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 16.04.2011 increased to 12.08% from the previous week's level of 11.96%. The inflation rate was 21.01% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Cereals has increased to 4.49% from the previous week's level to 4.48%; for Wheat has decreased 0.48% from the previous week's level of 1.31%, Pulses to -6.49% from the previous week's level to -5.67% and for Rice remained steady at 2.08%.*

- *The inflation for non-food items has decreased to 26.48% from the previous week's level of 27.69% and for the food items has increased to 8.76% from the previous week's level of 8.74%.*
- *All-India progressive procurement of Wheat as on 29.04.2011 was 164.96 lakh tonnes which is lower than the procurement of 191.52 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 29.04.2011 was 266.76 lakh tonnes as compared to 266.09 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 27<sup>th</sup> April, 2011

- **Widespread rainfall** occurred over Gangetic West Bengal, Coastal Andhra Pradesh, Tamil Nadu & Puducherry and Kerala during one or two days of the week.
- **Fairly widespread rainfall** occurred over South Interior Karnataka during a few days and over Andaman & Nicobar Islands, Chhattisgarh, Coastal Andhra Pradesh, Rayalseema, Tamil Nadu & Puducherry, Coastal Karnataka and Kerala during one or two days of the week.
- **Scattered rainfall** occurred over Assam & Meghalaya and Orissa during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Marathawada, Vidarbha, Telangana, Rayalseema, Coastal Andhra Pradesh and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Chhattisgarh, Coastal Andhra Pradesh and North Interior Karnataka during many days, over Gangetic West Bengal, Jharkhand, Uttarakhand, Madhya Maharashtra, Tamil Nadu & Puducherry, Coastal Karnataka and Kerala during a few days and over Arunachal Pradesh, Bihar, East Uttar Pradesh, Himachal Pradesh, Jammu & Kashmir, Madhya Pradesh, Konkan & Goa, Marathawada, Vidarbha, Telangana, South Interior Karnataka 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 18, deficient / scanty in 13 and no rain in 5 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> March to 27<sup>th</sup> April, 2011)** was excess / normal in 21 met sub-divisions, deficient / scanty in 14 met sub-divisions and no rain in 01 out of 36 met sub-division.

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

Region	Week Ending (27.04.2011)				Cumulative (01.03.11 to 27.04.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.6	6.5	-90	S	69.1	75.2	-8	N
Central India	7.6	2.5	207	E	20.9	18.3	14	N
South Peninsular India	42.1	10.4	303	E	71.1	41.8	70	E
East & North-East India	20.2	30.2	-33	D	119.1	165.6	-28	D
Country as a whole	14.2	9.7	47	E	61.3	63.9	-4	N

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

Source: India Meteorological Department, New Delhi

## Temperature

### Maximum Temperature

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

***Weather Outlook / Forecast for the period 28<sup>th</sup> April - 04<sup>th</sup> May, 2011 by IMD***

***Outlook for the Week Ending 04<sup>th</sup> May, 2011***

- *Maximum temperature would rise over Northwest and Central India during the week.*
- *Isolated thundersqualls would occur over Eastern and Northeastern States during half of the week.*
- *Fairly widespread rain / thundershowers would occur over Peninsular India during 2<sup>nd</sup> half of the week.*

***Warning: Isolated thundersqualls would occur over East Uttar Pradesh, Bihar, Jharkhand and West Bengal & Sikkim during next 24 hours.***

- ***Isolated heavy rain would occur over Andaman & Nicobar Islands during next 48 hours.***

## Reservoir Status (For the week ending on 28.04.2011)

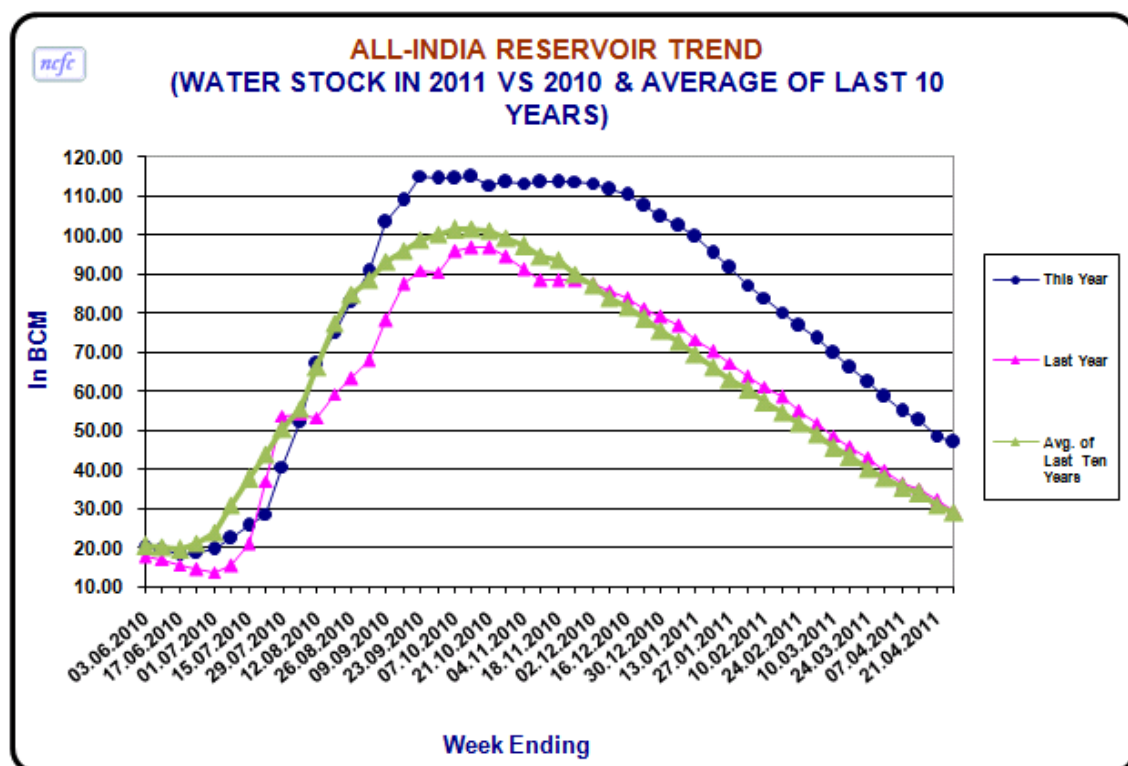
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 46.80 BCM from the previous week's level of 48.56 BCM. Current storage is **more** than the last year's position of 29.50 BCM and average of last 10 year's storage of 28.93 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	31	159	162
Last Week	32	152	157
The percentage to live capacity at FRL was 19% on 28/04/2010, 17% on 28/04/2009, 28% on 24/04/2008 and 30% on 24/04/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 68 reservoirs having storage more than 80%, 4 reservoirs having storage between 50% to 80% of Normal Storage, 2 reservoirs having storage between 30% to 50% of Normal Storage and 7 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 April, 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 April, 2011</i>	<i>1378</i>	<i>687</i>	<i>214</i>	<i>514</i>
<i>Availability during 1<sup>st</sup> to 27<sup>th</sup> April, 2011</i>	<i>1349</i>	<i>167</i>	<i>95</i>	<i>410</i>
<i>Sales during 1<sup>st</sup> to 27<sup>th</sup> April, 2011</i>	<i>606</i>	<i>89</i>	<i>15</i>	<i>150</i>
<i>Closing Stock as on 27.04.2011</i>	<i>743</i>	<i>77</i>	<i>79</i>	<i>260</i>
<i>Requirement for May, 2011</i>	<i>1929</i>	<i>1082</i>	<i>262</i>	<i>709</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 29-04-2011</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		29.04.2011	% of Normal	29.04.2010	01.05.2009	2010-11	2009-10
Wheat	273.30	294.08	107.6	283.60	277.98	10.5	16.1
Rice	42.57	44.51	104.6	44.30	47.34	0.2	-2.8
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	400.47	105.6	393.74	394.56	6.7	5.9
Gram	73.14	96.68	132.2	85.10	86.82	11.6	9.9
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	5.11	0.1	-0.1
Urad	7.20	11.45	159.1	11.10	10.27	0.4	1.2
Moong	6.29	9.21	146.4	8.70	7.48	0.5	1.7
Lathyrus	6.05	4.82	79.6	3.88	4.31	0.9	0.5
Others	3.29	7.31	221.9	6.47	7.36	0.8	-0.1
Total Pulses	120.21	157.52	131.0	143.03	145.71	14.5	11.8
Total Foodgrains	499.30	557.99	111.8	536.77	540.27	21.2	17.7
Rapeseed & Mustard	67.01	72.47	108.1	65.56	66.24	6.9	6.2
Groundnut	9.09	11.24	123.6	11.30	10.93	-0.1	0.3
Safflower	3.45	2.41	69.7	2.68	2.80	-0.3	-0.4
Sunflower	12.63	5.93	47.0	9.41	12.60	-3.5	-6.7
Sesamum	2.53	3.52	139.1	3.34	1.77	0.2	1.7
Linseed	4.40	5.00	113.7	4.53	4.56	0.5	0.4
Others	0.58	1.72	297.6	1.52	1.91	0.2	-0.2
Total Oilseed (Nine)	99.83	102.28	102.5	98.35	100.80	3.9	1.5
All- Crops	599.13	660.27	110.2	635.12	641.07	25.2	19.2
Source: Crops & TMOP Divisions, DAC							



## Procurement:

**Table – 5: Progressive procurement of Rice as on 29.04.2011 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 29.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Punjab</b>	<b>102.09</b>	<b>76.42</b>	<b>95.87</b>
<b>Haryana</b>	<b>63.47</b>	<b>54.04</b>	<b>60.71</b>
<b>Uttar Pradesh</b>	<b>16.45</b>	<b>3.30</b>	<b>5.41</b>
<b>Madhya Pradesh</b>	<b>35.38</b>	<b>27.12</b>	<b>25.47</b>
<b>Rajasthan</b>	<b>4.76</b>	<b>3.57</b>	<b>3.44</b>
<b>All-India</b>	<b>225.14</b>	<b>164.96</b>	<b>191.52</b>

**Table – 6: Progressive procurement of Rice as on 29.04.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 29.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>75.55</b>	<b>47.22</b>	<b>44.27</b>
<b>Chhattisgarh</b>	<b>33.57</b>	<b>35.24</b>	<b>30.69</b>
<b>Haryana</b>	<b>18.19</b>	<b>16.87</b>	<b>18.15</b>
<b>Kerala</b>	<b>2.61</b>	<b>2.03</b>	<b>2.42</b>
<b>Maharashtra</b>	<b>2.29</b>	<b>2.03</b>	<b>1.84</b>
<b>Orissa</b>	<b>24.96</b>	<b>18.21</b>	<b>18.86</b>
<b>Punjab</b>	<b>92.75</b>	<b>86.34</b>	<b>92.89</b>
<b>Tamil Nadu</b>	<b>12.41</b>	<b>12.34</b>	<b>9.81</b>
<b>Uttar Pradesh</b>	<b>29.01</b>	<b>23.16</b>	<b>26.23</b>
<b>Uttaranchal</b>	<b>3.75</b>	<b>3.57</b>	<b>3.40</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>266.76</b>	<b>266.09</b>