

**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: 19th May, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
13.05.2011.**

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 1st March to 11th May, 2011 was 77.6 mm which is 12% 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 44.53 BCM on 05.05.2011 to 42.05 BCM on 12.05.2011.*
- *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 30.04.2011 decreased to 11.96% from the previous week's level of 12.11%. The inflation rate was 20.76% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Cereals has increased to 4.54% from the previous week's level to 4.42% & Pulses has decreased to -9.05% from the previous week's level to -7.39% and for Wheat and Rice remained steady at 0.06% and 2.08%.*
- *The inflation for non-food items has increased to 28.62% from the previous week's level of 27.84% and for the food items has decreased to 7.70% from the previous week's level of 8.53%.*
- *All-India progressive procurement of Wheat as on 13.05.2011 was 231.07 lakh tonnes which is higher than the procurement of 214.74 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 13.05.2011 was 271.83 lakh tonnes as compared to 271.23 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 11th May, 2011

- **Widespread rainfall** occurred over Andaman & Nicobar Islands during a few days and over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and Jharkhand during one or two days of the week.
- **Fairly widespread rainfall** occurred over Uttarakhand and Jammu & Kashmir during a few days and over Assam & Meghalaya, West Bengal & Sikkim, Jharkhand and Himachal Pradesh during one or two days of the week.
- **Scattered rainfall** occurred over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim during a few days and over Andaman & Nicobar Islands, Orissa, Bihar, Uttar Pradesh, Punjab, Himachal Pradesh, Chhattisgarh, South Interior Karnataka and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura, West Uttar Pradesh and Himachal Pradesh during many days, over Gangetic West Bengal, Uttarakhand and Coastal Andhra Pradesh during a few days and over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalseema, Tamil Nadu & Puducherry, Karnataka, Kerala 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 10, deficient / scanty in 21 and no rain in 5 out of 36 met sub-divisions.
- **Cumulative rainfall (1st March to 13th May, 2011)** was excess / normal in 19 met sub-divisions, deficient / scanty in 16 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 country¹

Region	Week Ending (11.05.2011)				Cumulative (01.03.11 to 11.05.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	6.6	7.3	-11	N	77.9	89.6	-13	N
Central India	2.4	3.6	-35	D	27.2	25.2	8	N
South Peninsular India	3.9	13.6	-72	S	87.9	67.7	30	E
East & North-East India	19.0	37.0	-49	D	170.9	242.2	-29	D
Country as a whole	6.6	12.0	-45	D	77.6	87.9	-12	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 Assam & Meghalaya during many days, and over Arunachal Pradesh, Gangetic West Bengal, Orissa, Bihar, East Uttar Pradesh and West Rajasthan during one or two days of the week.
- Below normal to appreciably below normal over Madhya Maharashtra during most days, over Gangetic West Bengal, Orissa, Jharkhand, Gujarat region and Marathwada during many days, over Bihar and West Uttar Pradesh during a few days and over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Chhattisgarh, Telangana and North Interior Karnataka during one or two days of the week.
- Above normal to appreciably above normal over Tamil Nadu & Puducherry during most days, over Jammu & Kashmir, Himachal Pradesh and Coastal Andhra Pradesh during many days, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, East Rajasthan and Coastal Karnataka during a few days and over Arunachal Pradesh, Orissa, Jharkhand, Bihar, Uttar Pradesh, West Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Telangana, Rayalseema, Interior Karnataka and Kerala 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 12th - 18th May, 2011 by IMD

Outlook for the Week Ending 18th May, 2011

- *Maximum temperatures would rise and heat wave conditions would prevail at many places over Northwest and Central India during 1st half of the week.*
- *Thundersquall would occur over Northeast India during 2nd half of the week.*
- *Rain / thundershowers would occur over South Peninsular India during 2nd half of the week.*

Warning: Isolated thundersqualls would occur over Bihar, Jharkhand, West Bengal & Sikkim and Northeastern States during next 48 hours.

- *Isolated duststorms / thunderstorms accompanied with squall would occur over Rajasthan, Punjab, Haryana, Delhi and Uttar Pradesh during next 24 hours.*
- *Heat wave conditions would prevail over isolated pockets of Rajasthan, Uttar Pradesh and North Madhya Pradesh and Orissa during next 1-2 days.*

Reservoir Status (For the week ending on 12.05.2011)

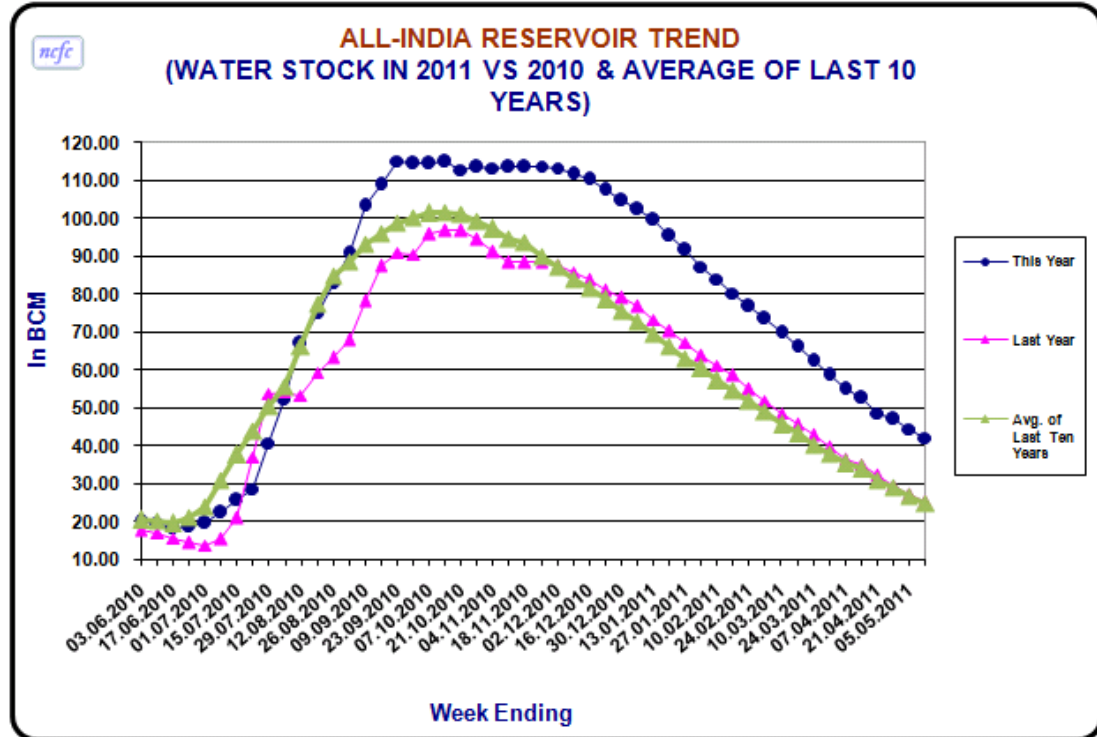
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 42.05 BCM from the previous week's level of 44.53 BCM. Current storage is **more** than the last year's position of 25.18 BCM and average of last 10 year's storage of 24.81 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	28	167	170
Last Week	29	164	167
The percentage to live capacity at FRL was 17% on 12/05/2010, 14% on 12/05/2009, 24% on 08/05/2008 and 26% on 08/05/2007.			
* 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%, 6 reservoirs having storage between 50% to 80% of Normal Storage, 3 reservoirs having storage between 30% to 50% of Normal Storage, 4 reservoirs having storage below 30% of normal storage and 2 reservoirs having no live storage.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April & May 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 1st April to 11th May, 2011</i>	<i>3308</i>	<i>1770</i>	<i>476</i>	<i>1223</i>
<i>Availability during 1st April to 11th May, 2011</i>	<i>2306</i>	<i>338</i>	<i>111</i>	<i>674</i>
<i>Sales during 1st to April 11th May, 2011</i>	<i>1600</i>	<i>224</i>	<i>56</i>	<i>412</i>
<i>Closing Stock as on 11.05.2011</i>	<i>706</i>	<i>114</i>	<i>55</i>	<i>262</i>
<i>Requirement for June, 2011</i>	<i>2784</i>	<i>1243</i>	<i>409</i>	<i>865</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.

Procurement:

Table – 4: Progressive procurement of Wheat as on 13.05.2011 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 13.05.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	102.09	106.19	101.41
Haryana	63.47	66.52	63.16
Uttar Pradesh	16.45	12.22	12.30
Madhya Pradesh	35.38	36.77	31.84
Rajasthan	4.76	8.13	4.55
All-India	225.14	231.07	214.74

Table – 5: Progressive procurement of Rice as on 13.05.2011 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 13.05.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	50.59	46.86
Chhattisgarh	33.57	35.33	30.78
Haryana	18.19	16.87	18.15
Kerala	2.61	2.23	2.50
Maharashtra	2.29	2.14	1.86
Orissa	24.96	18.34	19.63
Punjab	92.75	86.34	92.90
Tamil Nadu	12.41	12.68	10.10
Uttar Pradesh	29.01	23.34	26.35
Uttaranchal	3.75	3.63	3.45
West Bengal	12.40	8.12	8.33
All-India	320.34	271.83	271.23