

**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: 09th June, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
03.06.2011.**

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 31st May, 2011 was 114.4 mm which is 13% 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 37.58 BCM on 26.05.2011 to 36.41 BCM on 02.06.2011.*
- *Sowing of Sugarcane and Cotton for Kharif 2011-12 is in progress. As per latest information around 50.61 lakh ha. of Sugarcane has sown as against 48.63 lakh ha. in the corresponding period of 2010-11. Area coverage under Cotton is also higher at 14.88 lakh ha. this year as compared to 11.55 lakh ha. during 2010-11.*
- *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 21.05.2011 decreased to 10.87% from the previous week's level of 11.60%. The inflation rate was 20.40% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Pulses has increased to -9.22% from the previous week's level to -9.49; inflation for Rice has decreased to 2.51% from the previous week's level to 2.63%, Wheat to -0.77% from the previous week's level to -0.30% and Cereals to 4.78% from the previous week's level to 5.03%.*
- *The inflation for non-food items has decreased to 21.31% from the previous week's level of 23.22% and for the food items to 8.06% from the previous week's level of 8.55%.*
- *All-India progressive procurement of Wheat as on 03.06.2011 was 264.39 lakh tonnes which is higher than the procurement of 224.19 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 03.06.2011 was 283.92 lakh tonnes as compared to 280.55 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 01st June, 2011

- IMD's long range forecast for the 2011 south-west monsoon season (June to September) is that the rainfall for the country as a whole is most likely to be Normal (96-104% of Long Period Average (LPA)). There is very low probability for season rainfall to be deficient (below 90% of LPA) or excess (above 110% of LPA).
- Quantitatively, monsoon season rainfall is likely to be 98% of the LPA with a model error of $\pm 5\%$. The LPA of the season rainfall over the country as a whole for the period 1951-2000 is 89 cm
- **Widespread rainfall** occurred over Himachal Pradesh and Kerala during many days, over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand and Lakshadweep during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Orissa and Interior Karnataka for one or two days of the week.
- **Fairly widespread** occurred over Assam & Meghalaya, West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Punjab, Himachal Pradesh, Jammu & Kashmir, Marathwada, Coastal Andhra Pradesh, Rayalseema, South Interior Karnataka and Lakshadweep for one or two days of the week.
- **Scattered rainfall** occurred over Sub-Himalayan West Bengal & Sikkim during many days over Assam & Meghalaya, Orissa, East Uttar Pradesh, Uttarakhand and Haryana, Chandigarh & Delhi for a few days, over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Ganetic West Bengal, Jharkhand, Bihar, Jammu & Kashmir, West Rajasthan, Madhya Maharashtra, Vidarbha, Andhra Pradesh, Coastal Karnataka, Interior Karnataka and Kerala for one or two days of the week.
- **Isolated rainfall** occurred over Chhattisgarh, Rayalseema, Tamil Nadu & Puducherry, Bihar, West Uttar Pradesh, West Rajasthan, Madhya Pradesh, Coastal Karnataka and Madhya Maharashtra during many days, over Orissa, East Rajasthan, Konkan & Goa, Vidarbha, Coastal Andhra Pradesh and Interior Karnataka during a few days and over Andaman & Nicobar Islands, Northeastern States, Sub-Himalayan West Bengal & Sikkim, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, Saurashtra & Kutch, Marathawada, Telangana 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 22, deficient / scanty in 12 and no rain in 2 out of 36 met sub-divisions.
- **Cumulative rainfall (1st March to 31st May, 2011)** was excess / normal in 22 met sub-divisions and deficient / scanty in 14 met sub-divisions out of 36 met sub-division.

Table-1: Weekly and Cumulative Rainfall in four regions of the country ¹

Region	Week Ending (01.06.2011)				Cumulative (01.03.11 to 31.05.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	14.7	6.9	113	E	98.9	110.9	-11	N
Central India	5.5	7.4	-25	D	38.6	40.1	-4	N
South Peninsular India	29.1	19.8	47	E	129.8	124.1	5	N
East & North-East India	44.5	54.3	-18	N	285.1	371.9	-23	D
Country as a whole	19.2	17.2	12	N	114.4	131.3	-13	N

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

Source: India Meteorological Department, New Delhi

Temperature

Maximum Temperature

- Markedly above normal over Arunachal Pradesh during many days and over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and Coastal Karnataka during one or two days of the week.
- Below normal to appreciably below normal over West Uttar Pradesh during most days, over Jharkhand, Bihar,, East Uttar Pradesh, Uttarakhand and Haryana, Chandigarh & Delhi during many days, over Orissa, Punjab and North Interior Karnataka during few days and over Gangetic West Bengal, Himachal Pradesh, Jammu & Kashmir, Rajasthan, East Madhya Pradesh, Gujarat State, Marathawada, Vidarbha, Andhra Pradesh and South Interior Karnataka during one or two days of the week.
- Above normal to appreciably above normal over West Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Tamil Nadu & Puducherry and Coastal Karnataka during many days, over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Jammu & Kashmir, East Madhya Pradesh, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh and Telangana during many days, over Orissa, Punjab, East Rajasthan, Gujarat region, Marathawada, Chhattisgarh and Kerala during few days and over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, West Rajasthan, interior Karnataka and Rayalaseema during one or two days.
- 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 02nd - 08th June, 2011 by IMD

Outlook for the Week Ending 08th June, 2011

- *Fairly widespread to widespread rainfall would occur along West coast and over Peninsular India.*
- *Fairly widespread rainfall would occur over Northeastern States and Central India during 2nd half of the week.*

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

- *Heavy to very heavy rainfall would occur over at a few places over Coastal Karnataka and Kerala and isolated heavy rainfall would also occur over Lakshadweep, Andaman & Nicobar Islands and South Konkan & Goa during next 48 hours.*

Reservoir Status (For the week ending on 02.06.2011)

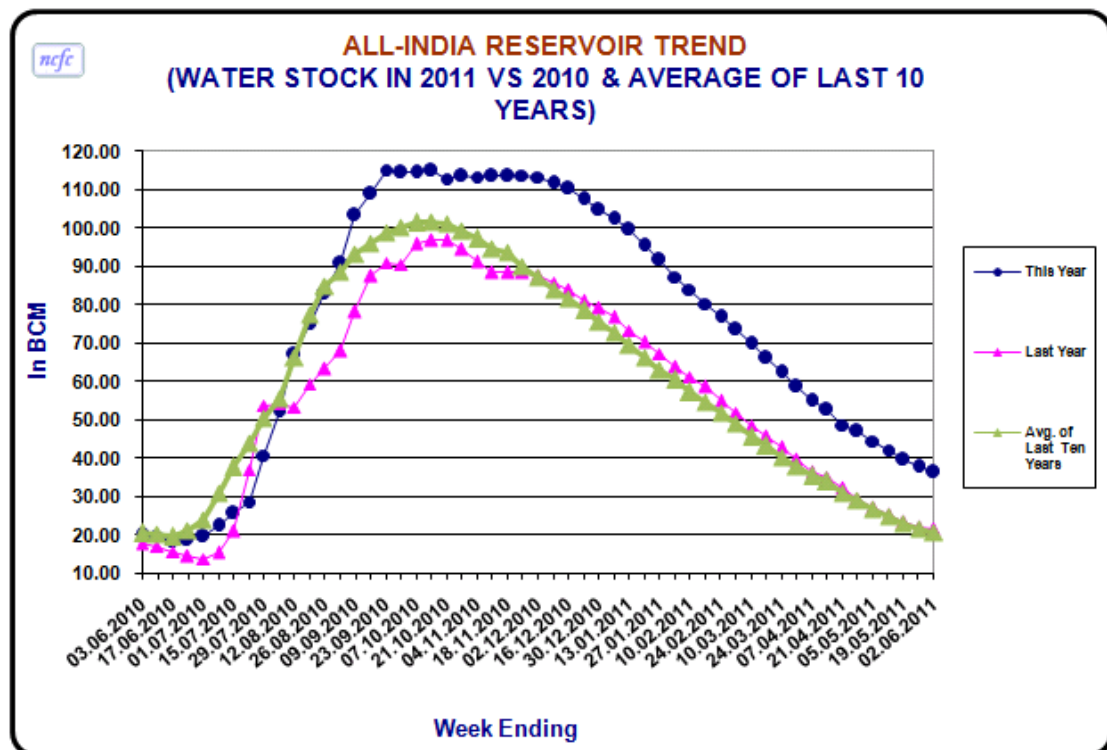
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 36.41 BCM from the previous week's level of 37.58 BCM. Current storage is **more** than the last year's position of 21.54 BCM and average of last 10 year's storage of 20.52 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	24	169	177
Last Week	25	172	174
The percentage to live capacity at FRL was 14% on 02/06/2010, 11% on 02/06/2009, 21% on 29/05/2008 and 23% on 29/05/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 62 reservoirs having storage more than 80%, 7 reservoirs having storage between 50% to 80% of Normal Storage, 7 reservoirs having storage between 30% to 50% of Normal Storage, 3 reservoirs having storage below 30% of normal storage and 2 reservoirs namely Kabini (Kar) and Gandhi Sagar (M.P.) 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 31st May, 2011</i>	<i>3308</i>	<i>1770</i>	<i>476</i>	<i>1223</i>
<i>Availability during 1st April to 31st May, 2011</i>	<i>3702</i>	<i>677</i>	<i>237</i>	<i>1185</i>
<i>Sales during 1st to April 31st May, 2011</i>	<i>2682</i>	<i>520</i>	<i>163</i>	<i>746</i>
<i>Closing Stock as on 31.05.2011</i>	<i>1020</i>	<i>157</i>	<i>73</i>	<i>439</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.

Table - 4 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Point to Point annual Inflation		
		Latest Week	Previous Week	Last Year
		21.5.2011	14.5.2011	22.5.2010
Primary Articles	20.12	10.87	11.60	20.40
(a) Food Articles	14.34	8.06	8.55	21.15
Cereals	3.37	4.78	5.03	6.86
Rice	1.79	2.51	2.63	8.15
Wheat	1.12	-0.77	-0.30	6.10
Jowar	0.10	36.68	34.92	9.38
Bajra	0.12	17.05	13.55	3.33
Maize	0.22	32.20	35.51	1.73
Barley	0.02	17.46	22.23	0.92
Ragi	0.02	7.23	6.60	1.04
Pulses	0.72	-9.22	-9.49	23.64
Gram	0.33	6.11	4.87	-4.00
Arhar	0.13	-16.06	-15.86	31.39
Moong	0.08	-22.68	-22.81	88.64
Masur	0.05	-25.70	-25.94	2.39
Urad	0.10	-7.45	-6.55	51.76
Vegetables	1.74	-1.06	-1.46	5.70
Potatoes	0.20	-2.15	0.17	-33.63
Onions	0.18	12.32	8.32	-15.89
Fruits	2.11	30.51	32.37	22.31
Milk	3.24	7.04	5.53	28.38
Egg, Meat & Fish	2.41	5.50	8.26	45.83
(b) Non-Food Articles	4.26	21.31	23.22	14.04
Oilseeds	1.78	13.23	11.58	0.74
Fuel & Power	14.91	12.54	12.11	14.24

Procurement:

Table – 5: Progressive procurement of Wheat as on 03.06.2011 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 03.06.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	102.09	109.24	101.66
Haryana	63.47	68.79	63.47
Uttar Pradesh	16.45	24.26	16.41
Madhya Pradesh	35.38	48.18	35.38
Rajasthan	4.76	11.19	4.76
All-India	225.14	264.39	224.19

Table – 6: Progressive procurement of Rice as on 03.06.2011 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 03.06.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	58.89	52.05
Chhattisgarh	33.57	35.42	30.92
Haryana	18.19	16.87	18.16
Kerala	2.61	2.50	2.59
Maharashtra	2.29	2.14	1.91
Orissa	24.96	18.58	20.47
Punjab	92.75	86.35	92.90
Tamil Nadu	12.41	13.08	10.43
Uttar Pradesh	29.01	23.43	26.41
Uttaranchal	3.75	3.82	3.56
West Bengal	12.40	9.62	10.59
All-India	320.34	283.92	280.55