

**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: 28th July, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 23.07.2010.**

Summary observations of the Group on Agenda Item

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1st June to 21st July, 2010 was 311.2 mm which is 14% less than L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 25.55 BCM on 15.07.2010 to 28.66 BCM on 22.07.2010.*
- *As per latest information available on sowing of crops, around 62% of the normal area under kharif crops have been sown upto 23.07.2010. Area sown under all kharif crops taken together has been reported to be 647.93 lakh hectares at All India level as compared to 593.81 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 12.0 lakh ha. under Rice, 12.4 lakh ha. under Bajra, 14.4 lakh ha. under Cotton, 5.6 lakh ha. under Sugarcane, 4.8 lakh ha. under Tur, 2.6 lakh ha. under Moong and 7.2 lakh ha. under Groundnut. Area coverage is lower by 1.6 lakh ha. under Jowar, 1.4 lakh ha. under Maize and 2.1 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 10.07.2010 increased to 16.48% from the previous week's level of 16.25%. The inflation rate was 6.45% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 5.81% from the previous week's level of 5.54%, Rice to 6.12% from the previous week's level of 6.10%; inflation for Pulses has decreased to 23.79% from the previous week's level of 28.98% and Cereals to 5.87% from the previous week's level of 6.04%.*
- *The inflation for non-food items has increased to 20.75% from the previous week's level of 6.98% and for the food items has decreased to 12.47% from the previous week's level of 12.81%.*

- *All-India progressive procurement of Wheat as on 23.07.2010 was 225.25 lakh tonnes which is lower than the procurement of 251.72 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 23.07.2010 was 300.14 lakh tonnes which is lower than the procurement of 318.48 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))

Monsoon Season Rainfall (June - September) during the week ending on 21st July, 2010

- Widespread rainfall occurred over Konkan & Goa, Coastal Karnataka and Kerala during most days, over Andaman & Nicobar Islands, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim during many days, over Assam & Meghalaya and Lakshadweep during a few days and over Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, Andhra Pradesh and Interior Karnataka during one or two days of the week.
- Fairly widespread rainfall occurred over West Madhya Pradesh and Lakshadweep during many days over Nagaland, Manipur, Mizoram & Tripura, East Madhya Pradesh and South Interior Karnataka during a few days and Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Bihar, West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, Gujarat State, Maharashtra, Chhattisgarh, Telangana, Rayalseema and North Interior Karnataka during one or two days of the week.
- Scattered rainfall occurred over East Rajasthan, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh and Tamil Nadu & Puducherry during many days, over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, Jammu & Kashmir, Saurashtra & Kutch, Chhattisgarh and Rayalseema during a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, West Bengal & Sikkim, Orissa, Jharkhand, Bihar, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, Madhya Pradesh, Gujarat Region, Marathwada, Telangana and Interior Karnataka during one or two days of the week.
- Isolated rainfall occurred over Gangetic West Bengal, Orissa and West Rajasthan, during most days, over Jharkhand, Haryana, Chandigarh & Delhi and Gujarat Region during many days, over Bihar, West Uttar Pradesh, Punjab, East Rajasthan, Marathwada, Telangana and Tamil Nadu & Puducherry during a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, Rayalseema and Interior Karnataka during one or two days of the week.
- Out of 36 meteorological sub-divisions, rainfall during the week was excess /normal in 21 and deficient / scanty in 15 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st June to 21st July, 2010)** was in excess / normal in 26 met sub-divisions and deficient / scanty in 10 met sub-divisions.

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

Region	Week Ending (21.07.2010)				Cumulative (01.06.10 to 21.07.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	54.6	55.0	-1	N	183.1	208.6	-12	N
Central India	48.0	74.9	-36	D	316.1	388.0	-19	N
South Peninsular India	62.6	50.5	24	E	335.2	306.5	9	N
North-East India	67.3	96.4	-30	D	518.5	658.3	-21	D
Country as a whole	56.0	67.4	-17	N	311.2	359.9	-14	N

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.
Source: India Meteorological Department, New Delhi

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 22nd - 28th July, 2010 by IMD

Outlook for the Week Ending 28th July, 2010

- *Widespread rainfall activity would continue along west coast during the week.*
- *A low pressure area is likely to form over northwest & adjoining westcentral Bay of Bengal around 24th July, 2010.*
- *Fairly widespread rain is likely over Northeastern States during the week and over Coastal Andhra Pradesh, Chhattisgarh, Orissa and East Madhya Pradesh during 2nd half of the week.*

Warning: Heavy to very heavy rainfall would occur at a few places over Gujarat region, Saurashtra & Kutch, Konkan & Goa and coastal Karnataka with isolated extremely heavy falls over Gujarat region, Saurashtra & Kutch and Konkan & Goa during next 24 hours.

- *Isolated heavy to very heavy rainfall would occur over East Rajasthan, 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)

- *Isolated rain/thundershowers over Punjab and Jammu & Kashmir.*
- *Rain/thundershowers at a few places over the rest region..*

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

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

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

- *Rain/thundershowers at many places over Arunachal Pradesh.*

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

- *Isolated rain/thundershowers over Rayalseema and Tamil Nadu.*
- *Rain / thundershower at a few places over the rest region.*

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

- *Rain / thundershower at a few places over Marathwada and Madhya Maharashtra and at many places over the region.*

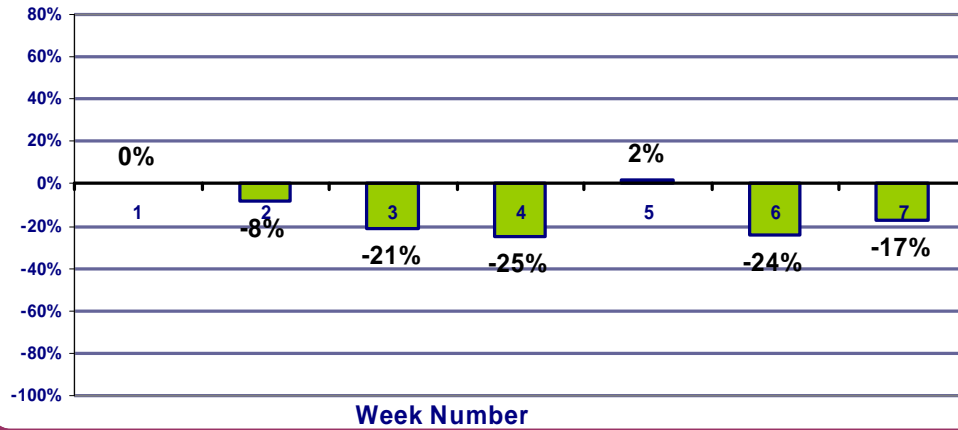
Central India (MP, Chhattisgarh, Vidarbha)

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

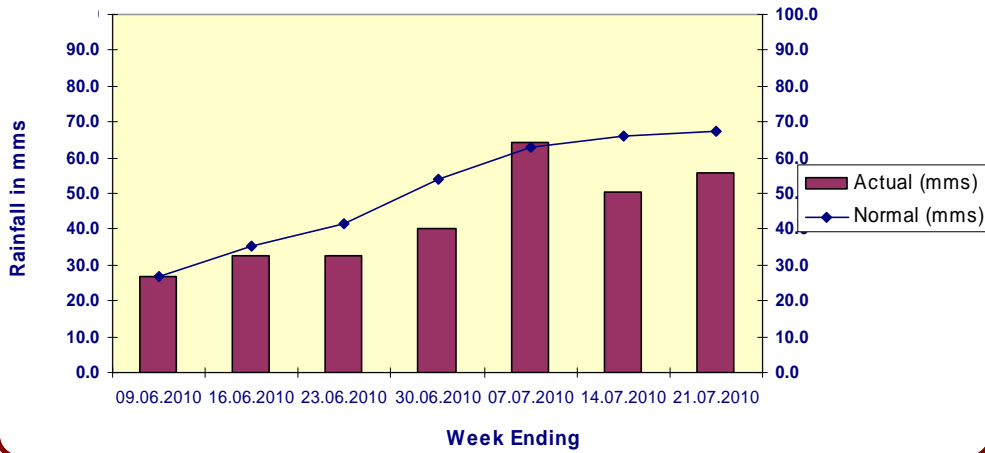


Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

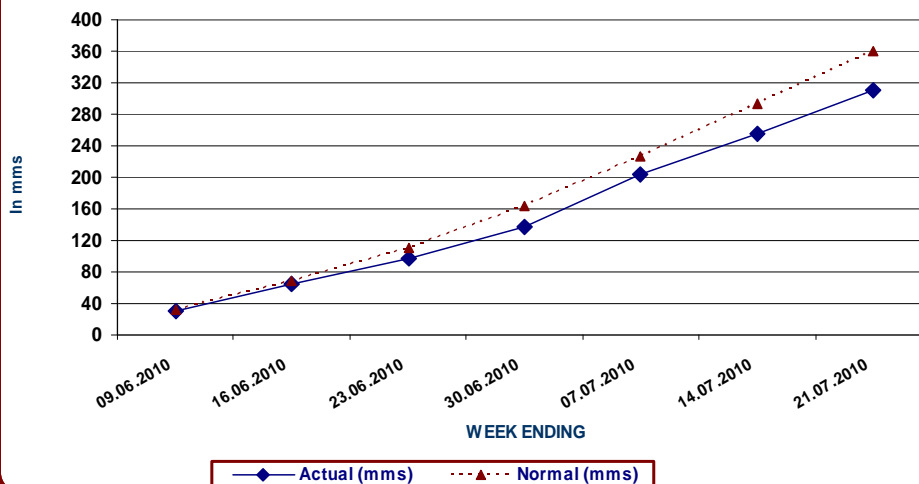
(Monsoon 2010 - from 01.06.2010 to 21.07.2010)



Weekly Rainfall Distribution in Monsoon 2010 - All India



Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2010



Reservoir Status (For the week ending on 22.07.2010)

- 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 **increased** to 28.66 BCM from the previous week's level of 25.55 BCM. Current storage is less than the last year's position of 36.96 BCM and the average of last 10 year's storage of 43.83 BCM.

Table – 2: For 81 major reservoirs of the country

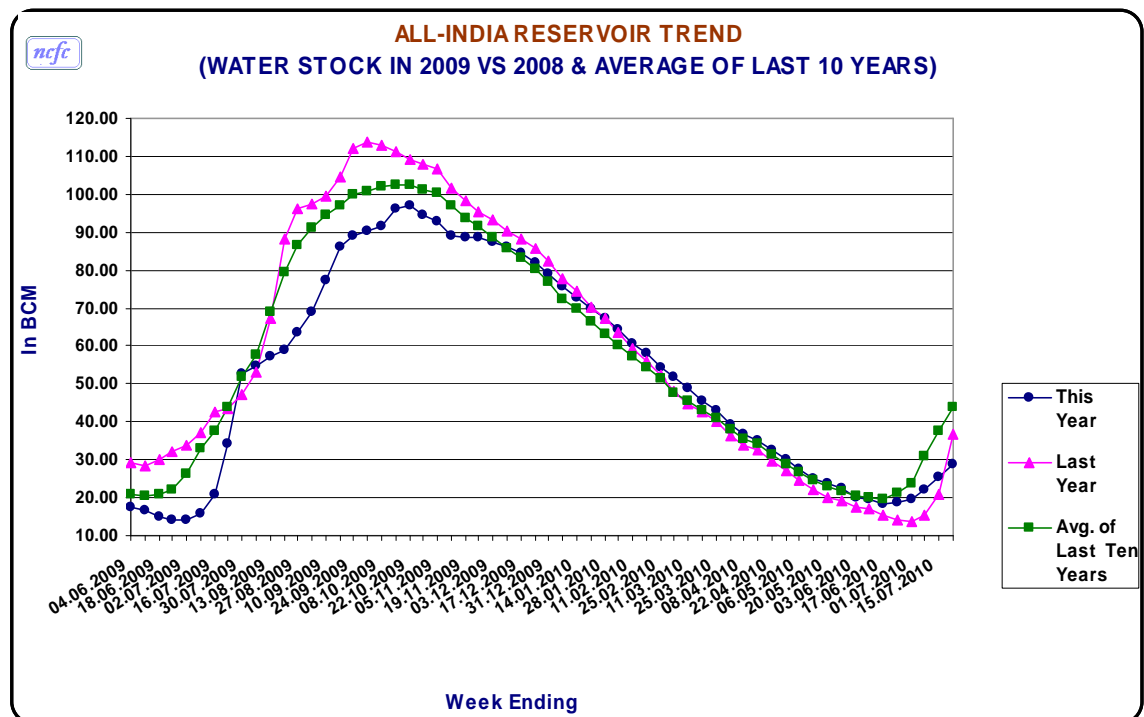
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	19	78	65
Last Week	17	122	68

The percentage to live capacity at FRL was 24% on 22/07/2009, 29% on 22/07/2008, 54% on 19/07/2007 and 38% on 19/07/2006 .

* *Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 28 reservoirs having storage more than 80%, 20 reservoirs having storage between 50% to 80% of Normal Storage, 15 reservoirs having storage between 30% to 50% of Normal Storage and 15 reservoirs having storage below 30% of normal storage.
- There were three reservoirs namely Dantiwada (Guj), Gandhi Sagar (MP) and Machkund (Jalput) (Ori) 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 June 2010

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for July, 2010</i>	<i>3208</i>	<i>1601</i>	<i>446</i>	<i>1086</i>
<i>Availability during 1st to 22nd July, 2010</i>	<i>2142</i>	<i>988</i>	<i>323</i>	<i>719</i>
<i>Sales during 1st to 22nd July, 2010</i>	<i>999</i>	<i>657</i>	<i>125</i>	<i>388</i>
<i>Closing Stock as on 22.07.2010</i>	<i>1143</i>	<i>332</i>	<i>199</i>	<i>332</i>
<i>Requirement for August, 2010</i>	<i>2710</i>	<i>1099</i>	<i>408</i>	<i>966</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

<i>All India Crop Situation - Kharif (2010) as on 23-07-2010</i>							
							(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Change vis-à-vis prev. year		
		This Year 2010	% of Normal	Last Year 2009	2008	Absolute Change 2009	Absolute Change 2008
Rice	395.10	169.71	43.0	157.67	170.06	12.0	-0.3
Jowar	35.98	19.57	54.4	21.16	13.39	-1.6	6.2
Bajra	93.29	59.81	64.1	47.40	40.34	12.4	19.5
Maize	68.65	55.49	80.8	56.93	40.96	-1.4	14.5
Total Coarse Cereals	222.23	141.42	63.6	132.39	99.48	9.0	41.9
Total Cereals	617.33	311.13	50.4	290.06	269.54	21.1	41.6
Tur	35.53	26.56	74.8	21.76	19.60	4.8	7.0
Urad	22.82	12.83	56.2	12.92	14.59	-0.1	-1.8
Moong	26.14	13.60	52.0	11.01	17.02	2.6	-3.4
Others	6.09	4.24	69.7	4.86	12.60	-0.6	-8.4
Total Pulses	107.94	57.23	53.0	50.55	63.82	6.7	-6.6
Total Foodgrains	725.27	368.36	50.8	340.61	333.36	27.8	35.0
Groundnut	53.81	38.10	70.8	30.88	34.88	7.2	3.2
Soyabean	84.00	80.28	95.6	81.53	85.35	-1.3	-5.1
Sunflower	8.15	1.66	20.4	3.79	1.67	-2.1	0.0
Sesamum	17.76	6.52	36.7	5.98	10.52	0.5	-4.0
Niger	4.23	0.58	13.6	0.31	0.56	0.0	0.0
Castor	7.78	2.35	30.2	1.40	1.48	1.0	0.9
Total Oilseed	175.72	129.49	73.7	123.89	134.45	5.6	-5.0
Cotton	90.86	95.05	104.6	80.63	69.74	14.4	25.3
Sugarcane	44.97	47.43	105.5	41.79	43.67	5.6	3.8
Jute	7.85	7.60	96.8	6.89	8.61	0.7	-1.0
All- Crops	1044.67	647.93	62.0	593.81	589.83	54.1	58.1

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Wheat as on 23.07.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 23.07.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	107.25	102.05	107.18
Haryana	69.24	63.35	69.11
Uttar Pradesh	38.82	16.73	38.82
Madhya Pradesh	19.68	35.38	17.81
Rajasthan	11.52	4.76	11.52
All-India	253.82	225.25	251.72

Table – 6: Progressive procurement of Rice as on 23.07.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 23.07.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	63.50	80.26
Chhattisgarh	28.48	31.35	25.95
Haryana	14.25	18.18	14.25
Kerala	2.37	2.61	2.37
Maharashtra	2.61	2.10	2.52
Orissa	27.90	24.58	26.76
Punjab	85.53	92.75	85.46
Tamil Nadu	11.99	11.35	11.40
Uttar Pradesh	36.87	26.91	36.12
Uttaranchal	3.49	3.75	3.47
West Bengal	16.67	11.58	14.74
All-India	336.84	300.14	318.48