

**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: 22nd July, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 16.07.2010.**

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 14th July, 2010 was 254.5 mm which is 13% 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 22.27 BCM on 08.07.2010 to 25.55 BCM on 15.07.2010.*
- *As per latest information available on sowing of crops, around 49% of the normal area under kharif crops have been sown upto 16.07.2010. Area sown under all kharif crops taken together has been reported to be 511.52 lakh hectares at All India level as compared to 467.40 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 2.4 lakh ha. under Rice, 15.1 lakh ha. under Bajra, 14.0 lakh ha. under Cotton, 5.6 lakh ha. under Sugarcane, 4.0 lakh ha. under Tur, 2.5 lakh ha. under Moong and 3.0 lakh ha. under Groundnut. Area coverage is lower by 2.0 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 03.07.2010 increased to 16.25% from the previous week's level of 16.08%. The inflation rate was 6.38% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 5.54% from the previous week's level of 5.49%, Rice to 6.10% from the previous week's level of 5.81% and Cereals to 6.04% from the previous week's level of 5.78%; inflation for Pulses has decreased to 28.98% from the previous week's level of 30.09%.*

- *The inflation for non-food items has decreased to 6.98% from the previous week's level of 18.60% and for the food items has increased to 12.81% from the previous week's level of 12.63%.*
- *All-India progressive procurement of Wheat as on 16.07.2010 was 225.07 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 16.07.2010 was 298.41 lakh tonnes which is lower than the procurement of 316.44 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 14th July, 2010

- Widespread rainfall occurred over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim during many days, over Bihar and Vidarbha during a few days and over Andaman & Nicobar Islands, East UP, Punjab, Himachal Pradesh, East Madhya Pradesh, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Coastal Karnataka and Lakshadweep during one or two days of the week.
- Fairly widespread rainfall occurred over Assam & Meghalaya, Gangetic West Bengal, East Madhya Pradesh, Konkan & Goa during many days of the week, over Nagaland, Manipur, Mizoram & Tripura, Jharkhand and Coastal Karnataka during a few days and over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Orissa, Bihar, Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat State, Vidarbha, Telangana, Rayalseema, South Interior Karnataka, Kerala and Lakshadweep during one or two days of the week.
- Scattered rainfall occurred over Uttarakhand, Gujarat Region, Madhya Maharashtra and Kerala during many days, over Orissa, Jammu & Kashmir, Tamil Nadu & Puducherry and South Interior Karnataka during a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, West Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Marathawada, Vidarbha, Chhattisgarh, Andhra Pradesh, and Coastal and North Interior Karnataka during one or two days of the week.
- Isolated rainfall occurred over West UP, Haryana, Chandigarh & Delhi, Punjab, Rajasthan, West Madhya Pradesh, Coastal Andhra Pradesh, Rayalseema, Tamil Nadu & Puducherry and North Interior Karnataka during many days, over Uttarkhand, Himachal Pradesh, Jammu & Kashmir, Saurashtra & Kutch, Marathawada, Telangana and South Interior Karnataka during a few days and over Arunachal Pradesh, Gangetic West Bengal, Orissa, Jharkhand, Bihar, East Uttar Pradesh, East Madhya Pradesh, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Kerala and Lakshadweep during one or two days of the week.
- Out of 36 meteorological sub-divisions, rainfall during the week was excess /normal in 12 and deficient / scanty in 24 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st June to 14th July, 2010)** was in excess / normal in 23 met sub-divisions and deficient / scanty in 13 met sub-divisions.

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

Region	Week Ending (14.07.2010)				Cumulative (01.06.10 to 14.07.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	28.3	50.0	-43	E	129.6	153.6	-16	N
Central India	60.3	75.1	-20	D	267.7	313.1	-14	N
South Peninsular India	42.7	46.7	-8	N	272.7	256.0	7	N
North-East India	80.9	101.4	-20	D	445.0	561.9	-21	D
Country as a whole	50.3	66.0	-24	D	254.5	292.5	-13	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 15th - 21st July, 2010 by IMD

Outlook for the Week Ending 21st July, 2010

- Fairly widespread rainfall activity would continue over northeastern States, Sub-Himalayan West Bengal & Sikkim, north Bihar and East Uttar Pradesh during 1st half of the week. Subsequently, the activity may shift towards northwest and cover West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi and Punjab during 2nd half of the week.
- Fairly widespread rainfall activity would continue along west coast during the week.
- Scattered rainfall activity would continue over remaining parts of the country except Jammu & Kashmir, Himachal Pradesh, Rajasthan and some parts of Tamilnadu where it may be isolated during the week.
- A western disturbance may affect western Himalayan region from 20th July onwards.
- There is less possibility of formation of significant low pressure system over Bay of Bengal during the week.

Warning: Isolated heavy rainfall would occur over Assam & Meghalaya, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Madhya Pradesh, Gujarat Region, Konkan & Goa, Coastal Karnataka, Kerala, Madhya Maharashtra and Vidarbha during next 48 hours.

Zone-wise Weather Forecast:

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

- Isolated rain/thundershowers over the rest region..
- Rain/thundershowers at a few places over Himachal Pradesh.

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

- Rain/thundershowers at many places over East Uttar Pradesh and Bihar.
- Rain/thundershowers at a few places over the rest 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 many places over the rest region.

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

- Isolated rain/thundershowers over Rajasthan.
- Rain / thundershower at a few places over the rest region.

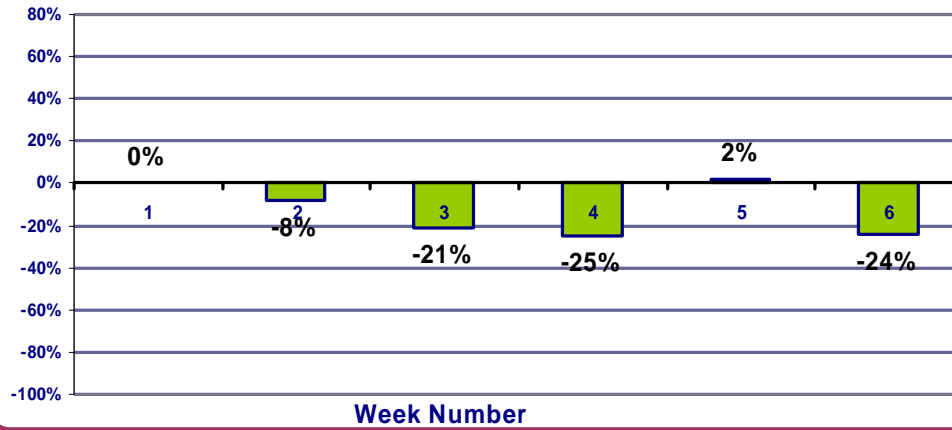
Central India (MP, Chhattisgarh, Vidarbha)

- Rain/thundershowers at many places over the region.

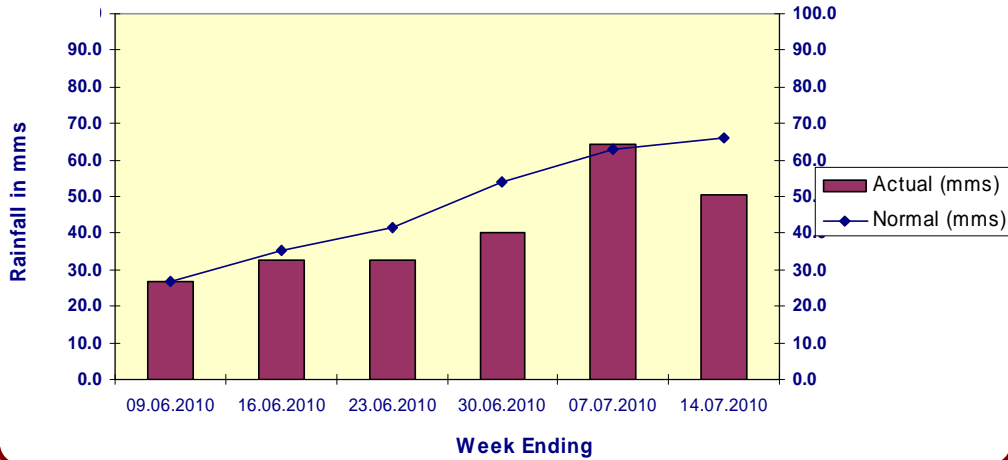


Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

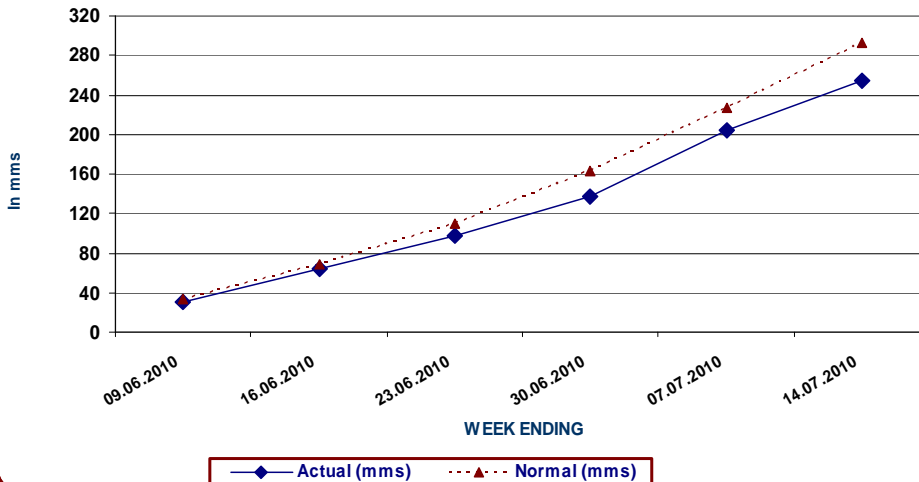
(Monsoon 2010 - from 01.06.2010 to 14.07.2010)



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 15.07.2010)

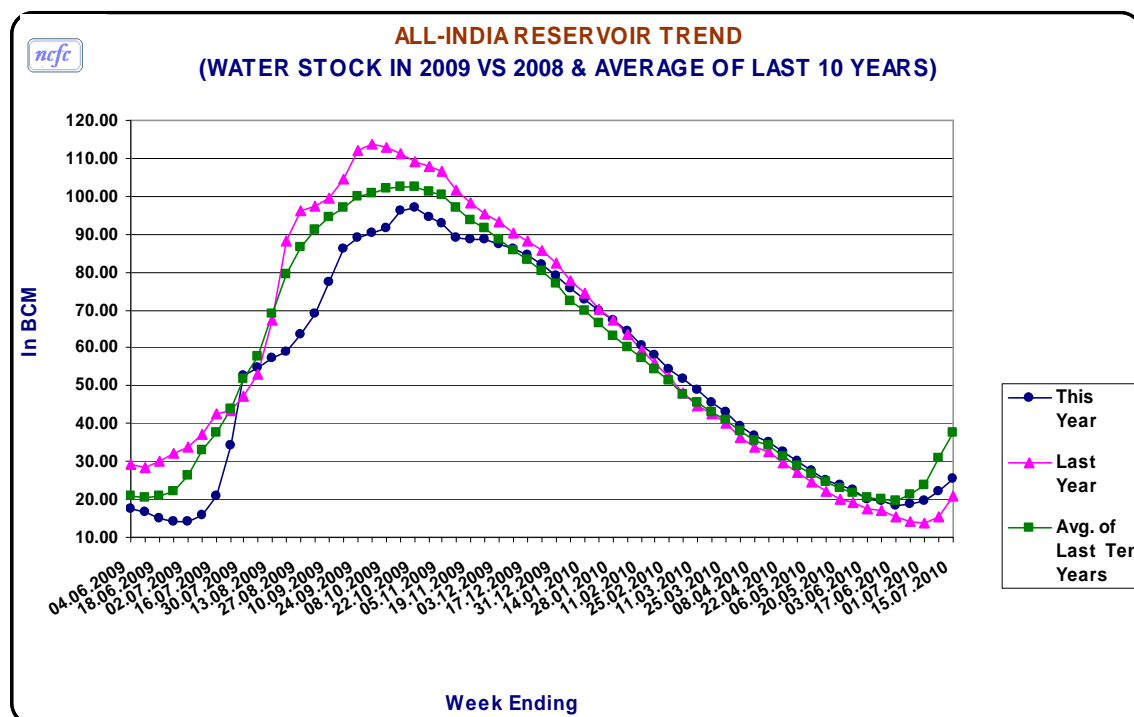
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 25.55 BCM from the previous week's level of 22.27 BCM. Current storage is less than the last year's position of 20.93 BCM and the average of last 10 year's storage of 37.62 BCM.

Table – 2: For 81 major reservoirs of the country

<u>Period</u>	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	17	122	68
Last Week	15	145	72
The percentage to live capacity at FRL was 14% on 15/07/2009, 28% on 15/07/2008, 45% on 12/07/2007 and 34% on 12/07/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 26 reservoirs having storage more than 80%, 25 reservoirs having storage between 50% to 80% of Normal Storage, 11 reservoirs having storage between 30% to 50% of Normal Storage and 17 reservoirs having storage below 30% of normal storage.
- There were two reservoirs namely Dantiwada (Guj) and Machkund (Jalput) (Ori) having no live storage.



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 15th July, 2010</i>	<i>1661</i>	<i>601</i>	<i>258</i>	<i>498</i>
<i>Sales during 1st to 15th July, 2010</i>	<i>437</i>	<i>338</i>	<i>69</i>	<i>190</i>
<i>Closing Stock as on 15..07.2010</i>	<i>1224</i>	<i>263</i>	<i>188</i>	<i>307</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

All India Crop Situation - Kharif (2010) as on 16-07-2010						
						(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Change vis-à-vis prev. year	
		This Year	% of Normal	Last Year	Absolute	Percentage
Rice	395.10	124.78	31.6	122.40	2.4	1.9
Jowar	35.98	14.47	40.2	15.57	-1.1	-7.1
Bajra	93.29	45.38	48.6	30.27	15.1	49.9
Maize	68.65	42.92	62.5	44.96	-2.0	-4.5
Total Coarse Cereals	222.23	107.23	48.3	95.19	12.0	12.6
Total Cereals	617.33	232.01	37.6	217.59	14.4	6.6
Tur	35.53	20.81	58.6	16.85	4.0	23.5
Urad	22.82	8.70	38.1	7.63	1.1	14.1
Moong	26.14	11.97	45.8	9.44	2.5	26.8
Others	6.09	3.57	58.7	4.31	-0.7	-17.2
Total Pulses	107.94	45.06	41.7	38.23	6.8	17.9
Total Foodgrains	725.27	277.06	38.2	255.82	21.2	8.3
Groundnut	53.81	28.75	53.4	25.71	3.0	11.8
Soyabean	84.00	61.07	72.7	60.31	0.8	1.3
Sunflower	8.15	1.51	18.5	3.58	-2.1	-57.8
Sesamum	17.76	3.48	19.6	3.12	0.4	11.4
Niger	4.23	0.22	5.2	0.15	0.0	0.0
Castor	7.78	1.69	21.7	1.29	0.4	31.4
Total Oilseed	175.72	96.72	55.0	94.15	2.6	2.7
Cotton	90.86	82.78	91.1	68.75	14.0	20.4
Sugarcane	44.97	47.37	105.3	41.79	5.6	13.4
Jute	7.85	7.59	96.7	6.89	0.7	10.2
All- Crops	1044.67	511.52	49.0	467.40	44.1	9.4

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Wheat as on 16.07.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 16.07.2010	
		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	16.63	38.82
Madhya Pradesh	19.68	35.38	17.81
Rajasthan	11.52	4.76	11.52
All-India	253.82	225.07	251.72

Table – 6: Progressive procurement of Rice as on 16.07.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 16.07.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	62.57	78.69
Chhattisgarh	28.48	31.33	25.90
Haryana	14.25	18.18	14.25
Kerala	2.37	2.61	2.37
Maharashtra	2.61	2.09	2.51
Orissa	27.90	24.19	26.30
Punjab	85.53	92.75	85.45
Tamil Nadu	11.99	11.26	11.35
Uttar Pradesh	36.87	26.84	36.12
Uttaranchal	3.49	3.74	3.47
West Bengal	16.67	11.45	14.56
All-India	336.84	298.41	316.44