

**F.NO. 3-1/2009-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: 16th July, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 09.07.2010.**

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 07th July, 2010 was 204.0 mm which is 10% 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 19.67 BCM on 01.07.2010 to 22.27 BCM on 08.07.2010.*
- *As per latest information available on sowing of crops, around 31% of the normal area under kharif crops have been sown upto 09.07.2010. Area sown under all kharif crops taken together has been reported to be 318.23 lakh hectares at All India level as compared to 284.15 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 3.6 lakh ha. under Rice, 2.4 lakh ha. under Jowar, 5.4 lakh ha. under Bajra, 17.6 lakh ha. under Cotton, 5.6 lakh ha. under Sugarcane and 2.6 lakh ha. under Soyabean. Area coverage is lower by 2.1 lakh ha. under Maize and 1.9 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 26.06.2010 increased to 16.08% from the previous week's level of 14.75%. The inflation rate was 6.85% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 5.49% from the previous week's level of 4.49% and Cereals to 5.78% from the previous week's level of 5.36%; inflation for Rice has decreased to 5.81% from the previous week's level of 6.44% and Pulses to 30.09% from the previous week's level of 31.57%.*

- *The inflation for non-food items has decreased to 18.60% from the previous week's level of 18.80% and for the food items to 12.63% from the previous week's level of 12.92%.*
- *All-India progressive procurement of Wheat as on 09.07.2010 was 224.99 lakh tonnes which is lower than the procurement of 248.94 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 09.07.2010 was 297.12 lakh tonnes which is lower than the procurement of 314.08 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 07th July, 2010

- Widespread rainfall occurred over Coastal Karnataka during most days, over Sub-Himalayan West Bengal & Sikkim, Konkan & Goa, Marathwada and Kerala during many days, over Andaman & Nicobar Islands and Chhattisgarh and over Andaman & Nicobar Islands, Orissa, West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, West Madhya Pradesh, Gujarat State, Coastal Andhra Pradesh, Telangana and Lakshadweep during one or two days of the week.
- Fairly widespread rainfall occurred over Arunachal Pradesh, East Madhya Pradesh, Gujrat Region and Interior Karnataka during many days over Uttarakhand, Punjab, Saurashtra & Kutch, Vidarbha, South Interior Karnataka and Lakshadweep during a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Orissa, Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Rajasthan, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Chhattisgarh and Andhra Pradesh during one or two days of the week.
- Scattered rainfall occurred over Assam & Meghalaya, Jharkhand, West Madhya Pradesh, Madhya Maharashtra and Coastal Andhra Pradesh during many days, over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Himachal Pradesh and South Interior Karnataka during a few days and over Arunachal Pradesh, Orissa, Bihar, Uttar Pradesh, Haryana, Chandigarh & Delhi, Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalseema, North Interior Karnataka and Lakshadweep during one or two days of the week.
- Isolated rainfall occurred over Bihar, Rayalseema and Tamil Nadu & Puducherry during many days, over Jharkhand, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu & Kashmir and West Rajasthan, during a few days and over Gangetic West Bengal, Orissa, West Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathawada, Telangana, Interior Karnataka and Lakshadweep during one or two days of the week.
- Out of 36 meteorological sub-divisions, rainfall during the week was excess /normal in 25 and deficient / scanty in 11 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st June to 07th July, 2010)** was in excess / normal in 25 met sub-divisions and deficient / scanty in 11 met sub-divisions.

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

Region	Week Ending (07.07.2010)				Cumulative (01.06.10 to 07.07.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	46.0	38.0	21	E	99.7	103.7	-4	N
Central India	86.7	76.3	14	N	206.9	238.0	-13	N
South Peninsular India	64.2	51.5	25	E	229.9	209.3	10	N
North-East India	53.8	97.4	-45	D	367.0	460.6	-20	D
Country as a whole	64.5	63.0	2	N	204.0	226.5	-10	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 08th - 14th July, 2010 by IMD

Outlook for the Week Ending 14th July, 2010

- *Widespread rainfall activity is likely over Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim and Northeastern States during 2nd half of the week.*
- *Fairly widespread rainfall activity is likely over West Coast and South Gujarat during 1st half of the week.*
- *Isolated to scattered rainfall activity is likely over rest of the country during the week.*
- *A Western Disturbance is likely to affect West Himalayan region from 10th July, 2010 onwards.*

Warning: Isolated heavy to very heavy rainfall would occur over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Bihar, Uttar Pradesh, Haryana, Punjab, Uttrakhand, Himachal Pradesh, Chhattisgarh and east Madhya Pradesh during next 48 hours.

Zone-wise Weather Forecast:

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

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

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

- *Rain/thundershowers at many places over the region.*
- *Rain/thundershowers at most places over Sub-Himalayan West Bengal & Sikkim.*

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)

- *Rain/thundershower at a few places North & South Interior Karnataka.*
- *Rain / thundershower at many places over the rest region.*

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

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

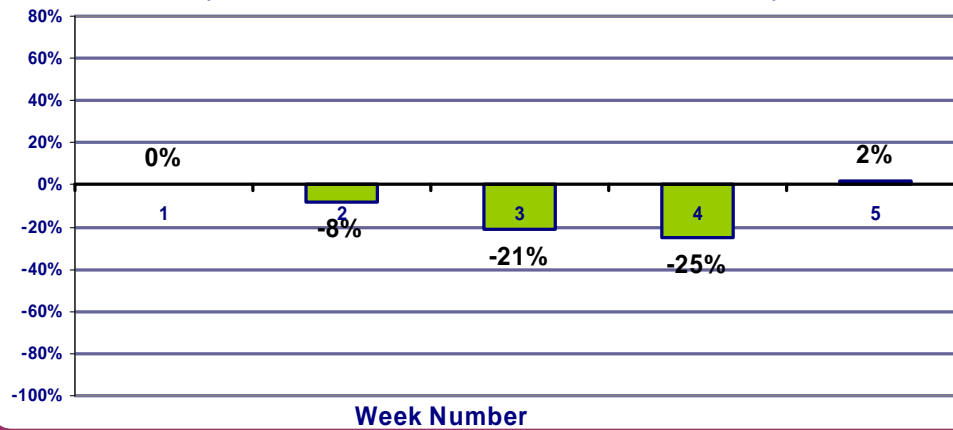
Central India (MP, Chhattisgarh, Vidarbha)

- *Rain/thundershowers at a few places over Madhya Pradesh and at many places over the rest region.*

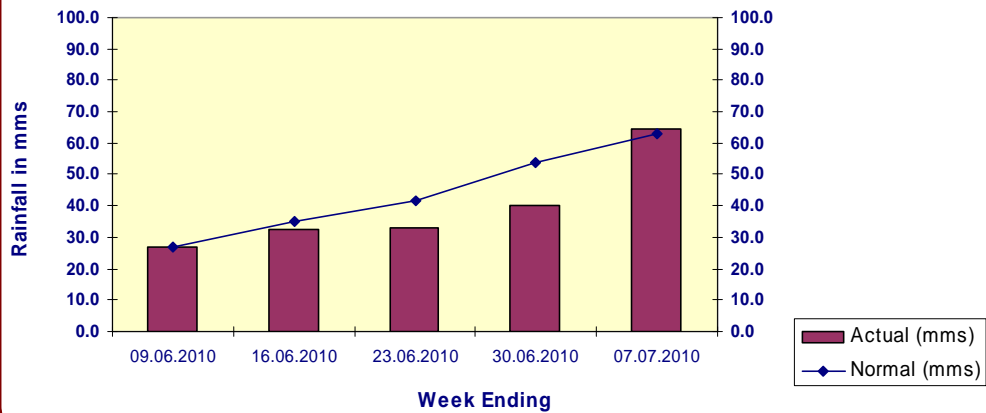


Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

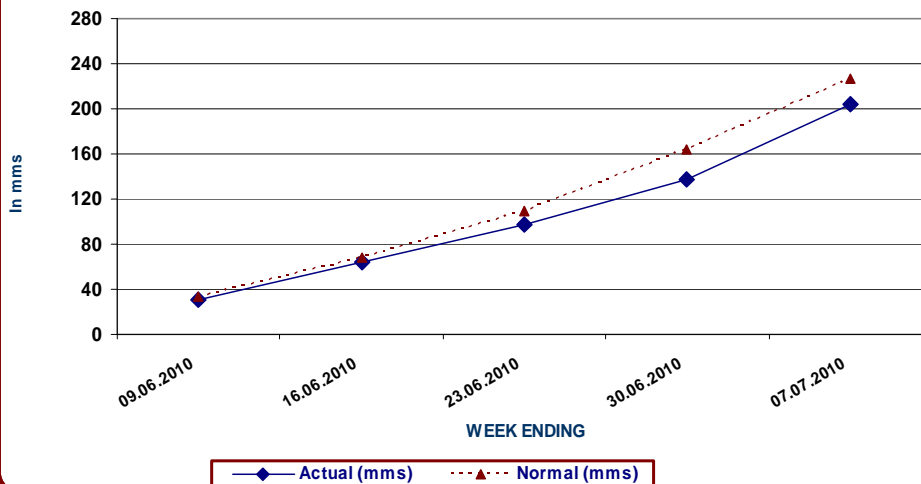
(Monsoon 2010 - from 01.06.2010 to 07.07.2010)



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 08.07.2010)

- 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 22.27 BCM from the previous week's level of 19.67 BCM. Current storage is less than the last year's position of 15.38 BCM and the average of last 10 year's storage of 30.93 BCM.

Table – 2: For 81 major reservoirs of the country

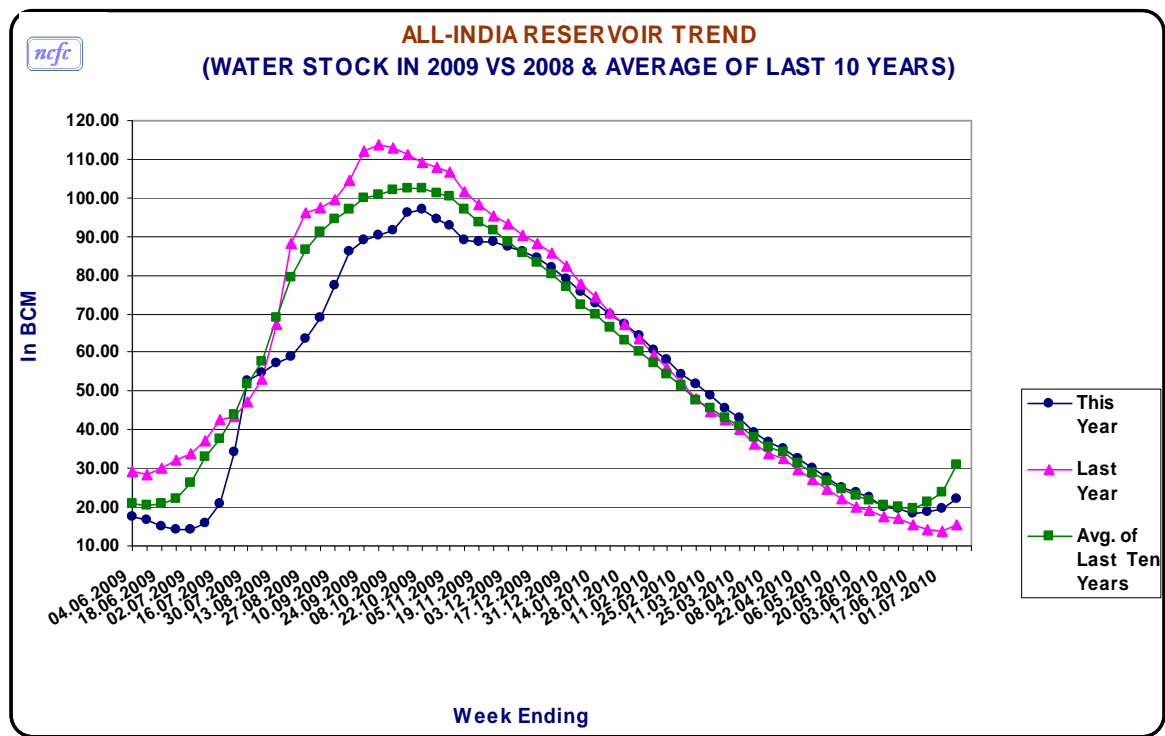
<u>Period</u>	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	15	145	72
Last Week	13	143	83

The percentage to live capacity at FRL was 10% on 08/07/2009, 26% on 08/07/2008, 28% on 05/07/2007 and 24% on 05/07/2006 .

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

Source: CWC

- There were 26 reservoirs having storage more than 80%, 21 reservoirs having storage between 50% to 80% of Normal Storage, 14 reservoirs having storage between 30% to 50% of Normal Storage and 16 reservoirs having storage below 30% of normal storage.
- There were three reservoirs namely Sriramsagar (AP), 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 30th June, 2010</i>	<i>1236</i>	<i>274</i>	<i>176</i>	<i>297</i>
<i>Sales during 1st to 30th June, 2010</i>	<i>108</i>	<i>64</i>	<i>15</i>	<i>37</i>
<i>Closing Stock as on 30.06.2010</i>	<i>1128</i>	<i>210</i>	<i>162</i>	<i>260</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 09-07-2010</i>						
						(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Change vis-a-vis prev. year	
		This Year	% of Normal	Last Year	Absolute	Percentage
Rice	395.10	72.30	18.3	68.67	3.6	5.3
Jowar	35.98	9.77	27.2	7.37	2.4	32.6
Bajra	93.29	18.20	19.5	12.83	5.4	41.8
Maize	68.65	27.97	40.7	30.04	-2.1	-6.9
Total Coarse Cereals	222.23	58.27	26.2	53.28	5.0	9.4
Total Cereals	617.33	130.57	21.2	121.95	8.6	7.1
Tur	35.53	2.85	8.0	2.51	0.3	13.6
Urad	22.82	1.44	6.3	1.33	0.1	9.0
Moong	26.14	2.80	10.7	3.37	-0.6	-17.1
Others	6.09	1.13	18.5	1.20	-0.1	-5.8
Total Pulses	107.94	8.22	7.6	8.41	-0.2	-2.2
Total Foodgrains	725.27	138.79	19.1	130.35	8.4	6.5
Groundnut	53.81	19.45	36.2	18.38	1.1	5.9
Soyabean	84.00	34.24	40.8	31.62	2.6	8.3
Sunflower	8.15	1.11	13.7	2.99	-1.9	-62.8
Sesamum	17.76	2.19	12.4	2.40	-0.2	-8.6
Niger	4.23	0.14	3.4	0.10	0.0	0.0
Castor	7.78	1.25	16.1	1.16	0.1	8.4
Total Oilseed	175.72	58.39	33.2	56.64	1.8	3.1
Cotton	90.86	66.09	72.7	48.47	17.6	36.4
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	318.23	30.5	284.15	34.1	12.0
Source: Crops & TMOP Divisions, DAC						

Procurement:

Table – 5: Progressive procurement of Wheat as on 09.07.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 09.07.2010	
		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	224.99	248.94

Table – 6: Progressive procurement of Rice as on 09.07.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 09.07.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	61.60	77.23
Chhattisgarh	28.48	31.30	25.76
Haryana	14.25	18.17	14.25
Kerala	2.37	2.61	2.37
Maharashtra	2.61	2.08	2.39
Orissa	27.90	24.16	26.24
Punjab	85.53	92.75	85.45
Tamil Nadu	11.99	11.14	11.30
Uttar Pradesh	36.87	26.84	36.12
Uttaranchal	3.49	3.74	3.47
West Bengal	16.67	11.38	14.43
All-India	336.84	297.12	314.08