

**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: 10th September, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 03.09.2010.**

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 01st September, 2010 was 719.9 mm which is 1% 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 82.70 BCM on 26.08.2010 to 90.78 BCM on 01.09.2010.*
- *As per latest information available on sowing of crops, around 93% of the normal area under kharif crops have been sown upto 03.09.2010. Area sown under all kharif crops taken together has been reported to be 966.44 lakh hectares at All India level as compared to 883.69 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 19.8 lakh ha. under Rice, 16.5 lakh ha. under Bajra, 4.0 lakh ha. under Maize, 8.4 lakh ha. under Cotton, 5.9 lakh ha. under Sugarcane, 11.2 lakh ha. under Tur, 2.3 lakh ha. under Urad, 3.4 lakh ha. under Moong, 7.0 lakh ha. under Groundnut and 1.7 lakh ha. under Sesamum. Area coverage is lower by 1.8 lakh ha. under Soyabean 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 21.08.2010 increased to 15.19% from the previous week's level of 14.75%. The inflation rate was 8.87% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 8.05% from the previous week's level of 7.72% inflation for Wheat has decreased to 7.00% from the previous week's level of 7.61%, Cereals to 6.76% from the previous week's level of 7.10% and for Pulses to 14.12% from the previous week's level of 15.99%.*
- *The inflation for non-food items has decreased to 21.29% from the previous week's level of 22.20% and for the food items has increased to 10.86% from the previous week's level of 10.05%.*
- *All-India progressive procurement of Rice as on 03.09.2010 was 307.84 lakh tonnes which is lower than the procurement of 330.04 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 01st September, 2010

- Widespread rainfall occurred over Konkan & Goa, Coastal Karnataka and Kerala during most days, over Andaman & Nicobar Islands, Saurashtra & Kutch during many days, over Marathawada, Telangana and Lakshadweep during a few days and over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Jammu & Kashmir, Gujarat Region, Dadra & Nagar Haveli, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh, Rayalseema and Interior Karnataka during one or two days of the week.
- Fairly widespread rainfall occurred over Sub-Himalayan West Bengal & Sikkim, Orissa, Madhya Maharashtra and Coastal Andhra Pradesh, during many days, over Assam & Meghalaya, Madhya Pradesh during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, Gujarat, Marathawada, Vidarbha, Chhattisgarh, Interior Karnataka and Lakshadweep during one or two days of the week.
- Scattered rainfall occurred over East Rajasthan during most days, over Arunachal Pradesh, Assam & Meghalaya, West Madhya Pradesh, Gujarat Region, Dadra & Nagar Haveli, Vidarbha and North Interior Karnataka during many days, over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Orissa, East Uttar Pradesh, Chhattisgarh, Tamil Nadu & Puducherry and South Interior Karnataka during a few days and over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Uttarakhand, Haryana, Punjab & Chandigarh, Himachal Pradesh, East Madhya Pradesh, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Telangana, Rayalseema and Lakshadweep during one or two days of the week.
- Isolated rainfall occurred over Bihar, West Uttar Pradesh and West Rajasthan during most days, over Jharkhand, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Rayalseema, Tamil Nadu & Puducherry during many days, over Uttarakhand, Himachal Pradesh, Telangana during a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Gangetic West Bengal, East Madhya Pradesh, Konkan & Goa, Marathawada, Chhattisgarh, North Interior Karnataka, South Interior Karnataka and Kerala during one or two days of the week.
- Rainfall during the week was excess /normal in 24 and deficient / scanty in 12 met sub-divisions.
- **Cumulative rainfall (1st June to 01st September, 2010)** was excess / normal in 29 met sub-divisions and deficient / scanty in 07 met sub-divisions.

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

Region	Week Ending (01.09.2010)				Cumulative (01.06.10 to 01.09.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	27.7	37.5	-26	D	527.6	504.3	5	N
Central India	88.1	58.7	50	E	829.4	812.6	2	N
South Peninsular India	60.0	35.3	70	E	678.6	568.2	19	N
North-East India	45.7	70.2	-35	D	910.5	1156.3	-21	D
Country as a whole	57.2	49.4	16	N	719.9	724.6	-1	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 02nd - 8th September, 2010 by IMD

Outlook for the Week Ending 08th September, 2010

- *Fairly widespread rainfall is likely to occur over Central and Northwest India during first half of the week.*
- *Fairly widespread rainfall is likely to occur over East & Northeast India during 2nd half of the week.*
- ***Warning: Isolated heavy to very heavy rainfall would occur over Coastal Andhra Pradesh, North Coastal Tamil Nadu and Uttar Pradesh and isolated heavy over Uttarakhand, Assam & Meghalaya, Arunachal Pradesh, Sub- Himalayan West Bengal & Sikkim and 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 a few places over the region.*

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

- *Rain/thundershowers at a few places over East Uttar Pradesh, Bihar and Jharkhand, at many places over Orissa and Gangetic West Bengal and at most places over Sub-Himalayan West Bengal & Sikkim.*

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

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

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

- *Rain / thundershower at a few places over Rayalseema, Tamil nadu & Puducherry and South & North Interior Karnataka..*
- *Rain/thundershowers at most places over Coastal Karnataka and Kerala and at many places over the rest region.*

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

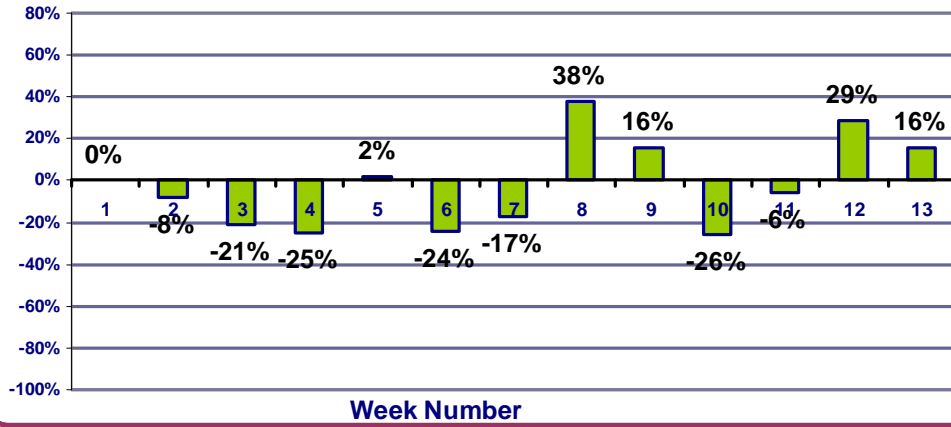
- *Rain / thundershower at a few places over West Rajasthan and at many places over the rest region.*

Central India (MP, Chhattisgarh, Vidarbha)

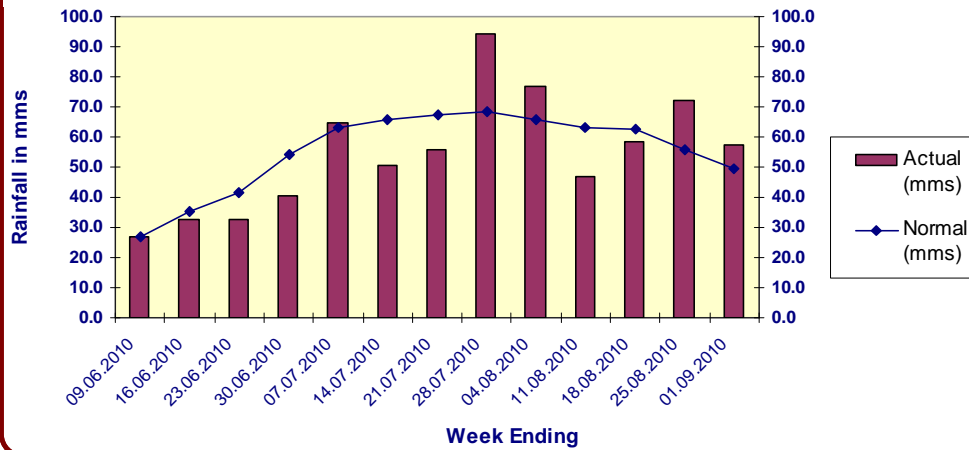
- *Rain/thundershowers at many places over the region.*

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

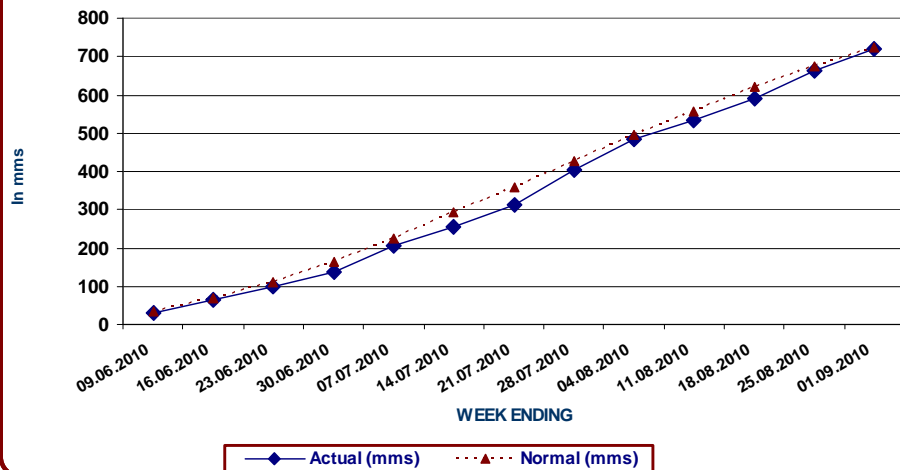
(Monsoon 2010 - from 01.06.2010 to 01.09.2010)



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 01.09.2010)

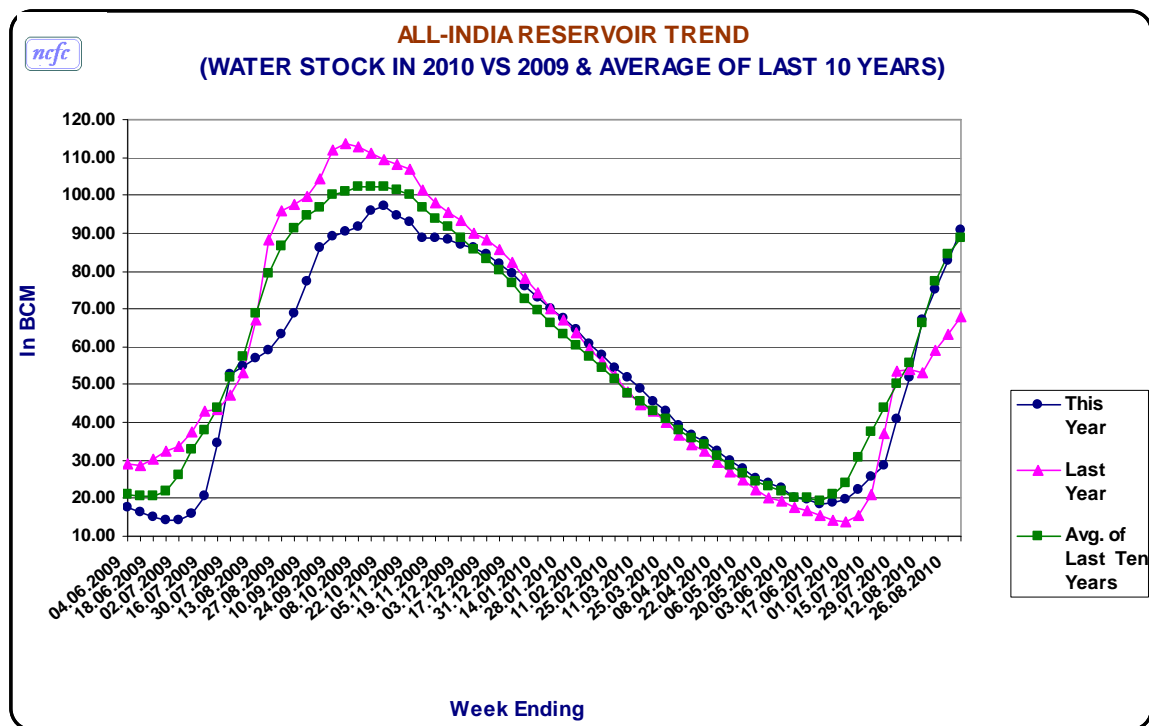
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 90.78 BCM from the previous week's level of 82.70 BCM. Current storage is **more** than the last year's position of 67.81 BCM and average of last 10 year's storage of 88.57 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	60	134	102
Last Week	54	131	98
The percentage to live capacity at FRL was 45% on 01/09/2009, 65% on 01/09/2008, 70% on 30/08/2007 and 76% on 30/08/2006.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 52 reservoirs having storage more than 80%, 19 reservoirs having storage between 50% to 80% of Normal Storage, 6 reservoirs having storage between 30% to 50% of Normal Storage and 4 reservoirs having storage below 30% of normal storage.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during August, 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 August, 2010</i>	<i>2710</i>	<i>1099</i>	<i>408</i>	<i>966</i>
<i>Availability during 1st to 31st August, 2010</i>	<i>2729</i>	<i>1331</i>	<i>682</i>	<i>1259</i>
<i>Sales during 1st to 31st August, 2010</i>	<i>2083</i>	<i>963</i>	<i>466</i>	<i>815</i>
<i>Closing Stock as on 31.08.2010</i>	<i>646</i>	<i>368</i>	<i>216</i>	<i>444</i>
<i>Requirement for September, 2010</i>	<i>2307</i>	<i>1242</i>	<i>520</i>	<i>876</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 03-09-2010							
(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	318.75	80.7	298.94	361.46
Jowar	35.98	29.37	81.6	28.62	27.99	0.8	1.4
Bajra	93.29	85.27	91.4	68.75	74.82	16.5	10.5
Maize	68.65	73.90	107.6	69.87	69.93	4.0	4.0
Total Coarse Cereals	222.23	207.36	93.3	184.49	192.55	22.9	14.8
Total Cereals	617.33	526.11	85.2	483.43	554.01	42.7	-27.9
Tur	35.53	43.38	122.1	32.23	33.79	11.2	9.6
Urad	22.82	22.28	97.6	19.98	20.79	2.3	1.5
Moong	26.14	25.73	98.5	22.35	23.00	3.4	2.7
Others	23.46	18.13	77.3	15.66	21.97	2.5	-3.8
Total Pulses	107.94	109.52	101.5	90.23	99.55	19.3	10.0
Total Foodgrains	725.27	635.63	87.6	573.66	653.56	62.0	-17.9
Groundnut	53.81	48.92	90.9	41.89	50.80	7.0	-1.9
Soyabean	84.00	93.29	111.1	95.08	95.39	-1.8	-2.1
Sunflower	8.15	2.48	30.4	4.60	5.38	-2.1	-2.9
Sesamum	17.76	15.70	88.4	14.00	13.84	1.7	1.9
Niger	4.23	1.98	46.7	1.75	2.40	0.2	-0.4
Castor	7.78	7.06	90.7	6.30	6.81	0.8	0.2
Total Oilseed	175.72	169.42	96.4	163.62	174.62	5.8	-5.2
Cotton	90.86	106.14	116.8	97.70	89.09	8.4	17.1
Sugarcane	44.97	47.68	106.0	41.79	44.13	5.9	3.6
Jute	7.85	7.58	96.5	6.92	7.37	0.7	0.2
All- Crops	1044.67	966.44	92.5	883.69	968.77	82.8	-2.3

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 03.09.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 03.09.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	68.64	86.30
Chhattisgarh	28.48	31.64	28.20
Haryana	14.25	18.18	14.25
Kerala	2.37	2.61	2.37
Maharashtra	2.61	2.15	2.58
Orissa	27.90	24.84	27.61
Punjab	85.53	92.75	85.53
Tamil Nadu	11.99	11.76	11.75
Uttar Pradesh	36.87	27.19	36.12
Uttaranchal	3.49	3.75	3.47
West Bengal	16.67	12.14	15.83
All-India	336.84	307.83	330.04