

**F.NO. 3-1/2011-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: 29th September, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
23.09.2011.**

Summary observations of the Group on Agenda Items

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1st June to 21st September, 2011 was 875.0 mm which is 4% above the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period is (8%) in North-West India, (13%) in Central India, (6%) in South Peninsula and (-15%) in East & North-East India.*
- *Out of 36 met sub-divisions 33 met sub-divisions received excess/normal rainfall and 03 received deficient rainfall. Deficient Sub-divisions are Arunachal Pradesh (-25%), Assam & Meghalaya(-32%) and NMMT (-27%).*
- *In 81 major reservoirs monitored by CWC in different parts of the country, total live storage has increased from 125.23 BCM on 15.09.2011 to 131.91 BCM on 22.09.2011.*
- *As per latest information available on sowing of crops, around 100% of the normal area under kharif crops have been sown upto 23.09.2011. Area sown under all kharif crops taken together has been reported to be 1049.73 lakh hectares at All India level as compared to 1019.99 lakh hectares in the corresponding period of 2010.*
- *Area reported was higher by 33.5 lakh ha. under Rice, 10.2 lakh ha. under Soyabean, 3.6 lakh ha. under Castor, 10.1 lakh ha. under Cotton and 1.5 lakh ha. under Sugarcane. Area coverage was lower by 4.2 lakh ha. under Jowar, 5.5 lakh ha. under Bajra, 6.9 lakh ha. under Tur, 1.5 lakh ha. under Urad, 4.0 lakh ha. under Moong, 6.2 lakh ha. under Groundnut and 1.3 lakh ha. under Sesamum.*
- *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 10.09.2011 decreased to 12.17% from the previous week's level of 13.04%. The inflation rate was 17.65% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Wheat has decreased to -2.72% from the previous week's level of -2.03%, Rice to 4.02% from the previous week's level of 4.39% and Cereals to 4.13% from the previous week's level of 5.02% and Pulses has increased to 1.49% from the previous week's level of -2.45%*
- *The inflation for non-food items has decreased to 17.42% from the previous week's level of 18.49% and for the food items to 8.84% from the previous week's level of 9.47%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 23.09.2011 was 337.55 lakh tonnes which is higher than the procurement of 311.49 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 Rainfall (June - September) during the week ending on 21st September, 2011

- **Widespread rainfall** occurred over West Bengal and Sikkim for many days, over Coastal Karnataka for a few days and over Andaman & Nicobar Islands, northeastern states, Jharkhand, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, Konkan & Goa, Marathawada, South Interior Karnataka, Kerala and Lakshadweep for one or two days of the week.
- **Fairly widespread rainfall** occurred over Bihar for most days, over Orissa, Jharkhand and Chhattisgarh for many days, over Nagaland, Manipur, Mizoram & Tripura and Lakshadweep for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, West Bengal & Sikkim, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, East Madhya Pradesh, Maharashtra, Telangana, Coastal Karnataka and Kerala for one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, East Rajasthan, Gujarat region, Konkan & Goa, Vidarbha, Rayalaseema and South Interior Karnataka for a few days and over Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Orissa, Jharkhand, Uttar Pradesh, Jammu & Kashmir, West Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathawada, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Tamilnadu & Puducherry, Coastal Karnataka, North Interior Karnataka and Lakshadweep for one or two days of the week.
- **Isolated rainfall** occurred over West Rajasthan for most days, over Uttar Pradesh, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh, Telangana, Tamilnadu & Puducherry and North Interior Karnataka for many days, over Uttarakhand, Haryana, Chandigarh & Delhi, Jammu & Kashmir, East Madhya Pradesh, Gujarat state, Vidarbha, Rayalaseema, South Interior Karnataka and Kerala for a few days and over Andaman & Nicobar Islands, northeastern states, Punjab, Konkan & Goa and Marathawada for one or two days of the week.
- Weather was **dry** over the rest region of the country.
- Rainfall during the week was excess / normal in 26 and deficient / scanty in 10 out of 36 met sub-divisions.
- **Cumulative rainfall (1st June to 21st September, 2011)** was excess / normal in 33 met sub-divisions and deficient / scanty in 03 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 (21.09.2011)				Cumulative (01.06.11 to 21.09.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	35.9	19.0	89	E	641.8	592.0	8	N
Central India	42.8	33.4	28	E	1053.4	934.0	13	N
South Peninsular India	27.5	40.5	-32	D	704.6	661.9	6	N
East & North-East India	95.4	66.8	43	E	1158.1	1358.9	-15	N
Country as a whole	46.1	35.7	29	E	875.0	843.1	4	N

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

Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 22nd - 28th September, 2011 by IMD

Outlook for the Week Ending 28th September, 2011

- Fairly widespread rain / thundershowers would occur over Eastern & Northeastern States.
- Decrease in rainfall over remaining parts of the country.

Warning:

- Heavy to very heavy rainfall would occur at a few places over North Chhattisgarh and Jharkhand during next 24 hours.
- Isolated heavy rainfall would occur over North Orissa, Bihar and East Uttar Pradesh during next 48 hours.

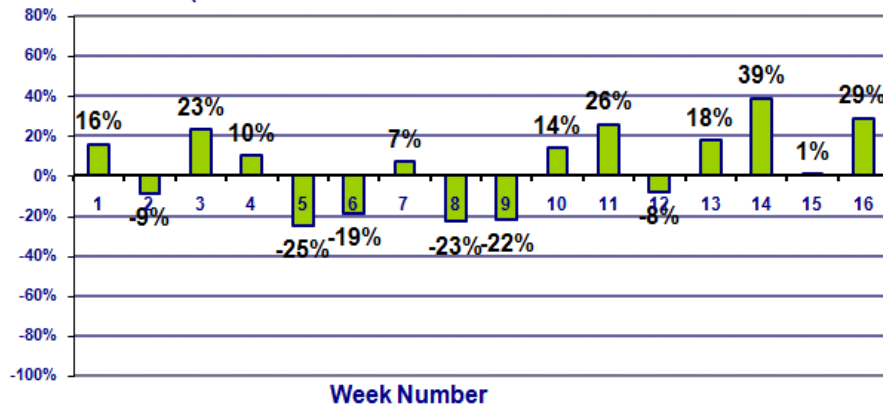
1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

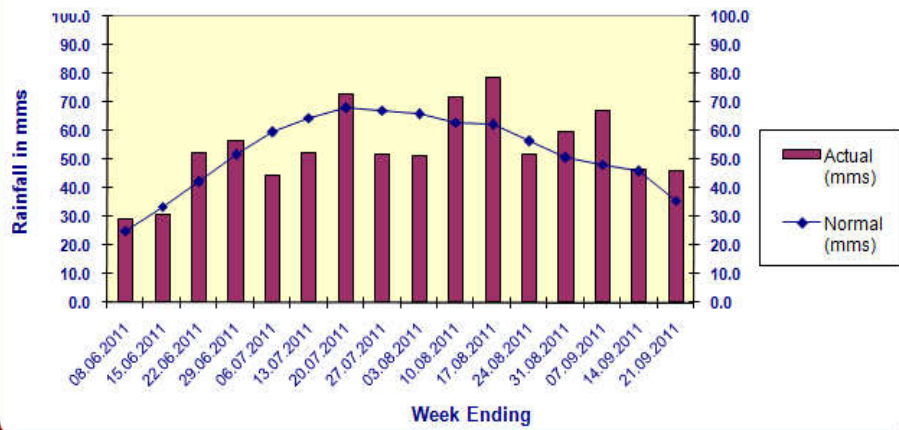
North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

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

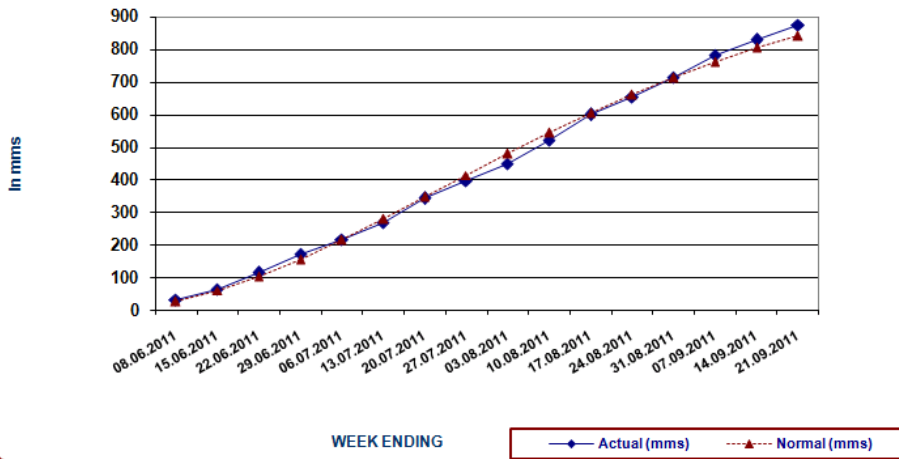
(Monsoon 2011 - from 01.06.2011 to 21.09.2011)



Weekly Rainfall Distribution in Monsoon 2011 - All India



Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2011



Reservoir Status (For the week ending on 22.09.2011)

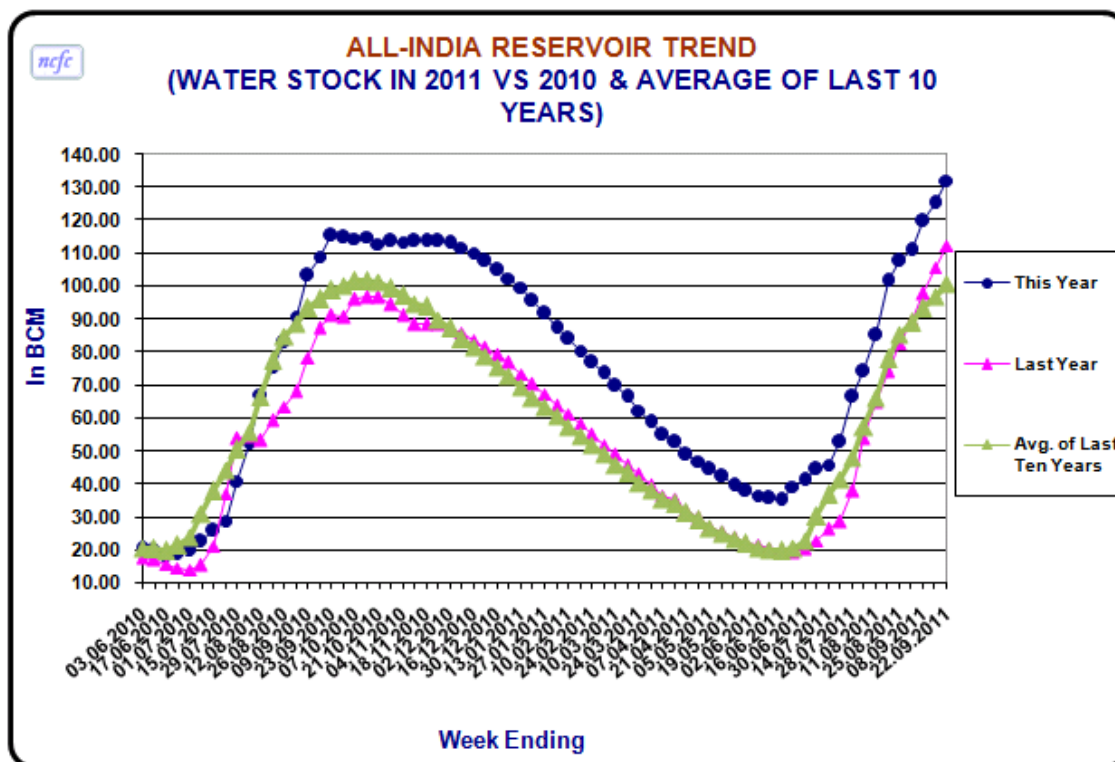
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 131.91 BCM from the previous week's level of 125.23 BCM. Current storage is **more** than the last year's position of 112.21 BCM and average of last 10 year's storage of 100.57 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	87	118	131
Last Week	83	119	129
The percentage to live capacity at FRL was 74% on 22/09/2010, 60% on 22/09/2009, 70% on 18/09/2008 and 78% on 18/09/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 75 reservoirs having storage more than 80%, 4 reservoirs having storage between 50% to 80% of Normal Storage and 2 reservoirs having storage between 30% to 50% 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 April to August 2011

(in '000 Tonnes)

Availability / Sale / Closing Stock	Urea	DAP	MOP	Complex
Requirement for 1st April to 14th September, 2011	14216	7138	2255	5206
Availability during 1st April to 14th September, 2011	12820	4471	659	5063
Sales during 1st April to 14th September, 2011	12311	4216	655	4703
Closing Stock as on 14.09.2011	509	256	4	361

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
		10.09.2011	03.09.2011	11.09.2010
Primary Articles	20.12	12.17	13.04	17.65
(a) Food Articles	14.34	8.84	9.47	16.30
Cereals	3.37	4.13	5.02	7.00
Rice	1.79	4.02	4.39	5.71
Wheat	1.12	-2.72	-2.03	9.02
Jowar	0.10	39.71	41.52	8.28
Bajra	0.12	10.66	11.68	5.66
Maize	0.22	18.17	23.37	7.88
Barley	0.02	15.29	14.71	5.91
Ragi	0.02	21.21	18.14	-3.41
Pulses	0.72	1.49	-2.45	3.06
Gram	0.33	28.60	22.78	-4.89
Arhar	0.13	-10.57	-13.30	-8.07
Moong	0.08	-8.28	-13.27	21.80
Masur	0.05	-15.49	-17.80	-18.13
Urad	0.10	-18.24	-20.02	33.38
Vegetables	1.74	12.13	17.47	12.25
Potatoes	0.20	13.78	21.16	-46.09
Onions	0.18	28.92	42.98	7.48
Tomato	0.27	-30.11	-20.65	58.69
Fruits	2.11	17.67	22.64	11.52
Milk	3.24	10.38	10.02	23.55
Egg, Meat & Fish	2.41	9.28	5.97	29.29
(b) Non-Food Articles	4.26	17.42	18.49	18.72
Oilseeds	1.78	16.44	16.68	4.27
Fuel & Power	14.91	13.96	13.01	11.48

Table:5

<i>All India Crop Situation - Kharif (2011-12) as on 23.09.2011</i>						
						(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Area sown reported			2008	Change vis-à-vis prev. year
		This Year 2011	% of Normal	Last Year 2010		Absolute Change 2010
Rice	393.58	381.32	96.9	347.78	379.74	33.5
Jowar	34.27	26.28	76.7	30.50	29.13	-4.2
Bajra	92.63	80.82	74.4	86.30	77.74	-5.5
Maize	69.59	75.36	108.3	75.19	71.20	0.2
Total Coarse Cereals	219.68	200.26	91.2	210.89	197.83	-10.6
Total Cereals	613.26	581.58	94.8	558.67	577.57	22.9
Tur	35.42	38.64	109.1	45.54	34.34	-6.9
Urad	22.36	23.37	104.5	24.87	21.56	-1.5
Moong	25.56	23.93	93.6	27.95	23.89	-4.0
Others	23.13	23.47	101.5	21.94	23.57	1.5
Total Pulses	106.47	109.41	102.8	120.30	103.37	-10.9
Total Foodgrains	719.73	690.99	96.0	678.97	680.94	12.0
Groundnut	51.47	43.28	84.1	49.47	51.90	-6.2
Soyabean	88.33	103.36	117.0	93.20	96.24	10.2
Sunflower	7.54	2.70	35.8	2.77	6.27	-0.1
Sesamum	17.95	15.18	84.5	16.43	14.68	-1.3
Niger	4.12	2.15	52.1	2.84	3.16	-0.7
Castor	7.76	11.95	153.9	8.32	8.61	3.6
Total Oilseed	177.17	178.60	100.8	173.02	180.86	5.6
Cotton	93.55	120.03	128.3	109.92	90.83	10.1
Sugarcane	46.00	50.93	110.7	49.44	44.15	1.5
Jute+Mesta	9.20	9.18	99.8	8.64	7.37	0.5
All- Crops	1045.64	1049.73	100.4	1019.99	1004.15	29.7

Source: Crops & TMOP Divisions, DAC

Procurement:**Table – 6: Progressive procurement of Rice as on 23.09.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 23.09.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	95.62	71.32
Chhattisgarh	33.57	37.20	31.88
Haryana	18.19	16.87	18.16
Kerala	2.61	2.63	2.61
Maharashtra	2.29	3.08	2.15
Orissa	24.96	24.68	24.92
Punjab	92.75	86.35	92.75
Tamil Nadu	12.41	15.27	12.07
Uttar Pradesh	29.01	24.61	27.21
Uttaranchal	3.75	4.18	3.78
West Bengal	12.40	11.53	12.40
All-India	320.34	337.55	311.49