

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: 14th September, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
09.09.2011.**

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 07th September, 2011 was 782.2 mm which is 3% above than the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period is (5%) in North-West India, (12%) in Central India, (8%) in South Peninsula and (-16%) in East & North-East India.*
- *Out of 36 met sub-divisions 32 met sub-divisions received excess/normal rainfall and 04 received deficient rainfall. Deficient Sub-divisions are Arunachal Pradesh (-22%), Assam & Meghalaya(-32%), NMMT (-27%) and Haryana, Chandigarh & Delhi (-24%).*
- *In 81 major reservoirs monitored by CWC in different parts of the country, total live storage has increased from 110.82 BCM on 01.09.2011 to 119.41 BCM on 08.09.2011.*
- *As per latest information available on sowing of crops, around 98% of the normal area under kharif crops have been sown upto 09.09.2011. Area sown under all kharif crops taken together has been reported to be 1026.06 lakh hectares at All India level as compared to 1002.80 lakh hectares in the corresponding period of 2010.*
- *Area reported was higher by 32.6 lakh ha. under Rice, 10.0 lakh ha. under Soyabean, 4.1 lakh ha. under Castor, 10.0 lakh ha. under Cotton and 2.1 lakh ha. under Sugarcane. Area coverage was lower by 4.3 lakh ha. under Jowar, 7.0 lakh ha. under Bajra, 1.2 lakh ha. under Maize, 7.1 lakh ha. under Tur, 1.7 lakh ha. under Urad, 4.3 lakh ha. under Moong, 6.6 lakh ha. under Groundnut and 1.2 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 27.08.2011 increased to 13.34% from the previous week's level of 12.93%. The inflation rate was 15.24% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Wheat has increased to -1.04% from the previous week's level of -2.52%, Rice to 4.65% from the previous week's level of 4.40% Pulses to -1.56% from the previous week's level of -4.16% and Cereals to 5.45% from the previous week's level of 4.64%.*
- *The inflation for non-food items has increased to 19.88% from the previous week's level of 17.19% and for the food items has decreased to 9.55% from the previous week's level of 10.05%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 09.09.2011 was 334.96 lakh tonnes which is higher than the procurement of 308.78 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 07th September, 2011

- **Widespread rainfall** occurred over Konkan & Goa, Coastal Karnataka and Kerala for most days, over Andaman & Nicobar Islands, Chhattisgarh and Lakshadweep for many days, over Vidarbha for a few days and over Gangetic West Bengal, Orissa, Jharkhand, Himachal Pradesh, West Madhya Pradesh, Gujarat region, Madhya Maharashtra, Marathawada and South Interior Karnataka for one or two days of the week.
- **Fairly widespread rainfall** occurred over East Madhya Pradesh for most days, over Orissa, Rajasthan, Saurashtra & Kutch, Madhya Maharashtra for many days, over West Madhya Pradesh and Marathawada for a few days and over Andaman & Nicobar Islands, northeastern states, West Bengal & Sikkim, Jharkhand, West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Gujarat region, Konkan & Goa, Vidarbha, Chhattisgarh, Andhra Pradesh, Interior Karnataka and Lakshadweep for one or two days of the week.
- **Scattered rainfall** occurred over Gangetic West Bengal, Punjab, Himachal Pradesh, Gujarat region and South Interior Karnataka for many days, over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Uttarakhand, Rajasthan and Coastal Andhra Pradesh for a few days and over Arunachal Pradesh, Assam & Meghalaya, Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu & Kashmir, West Madhya Pradesh, Madhya Maharashtra, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Tamilnadu & Puducherry, North Interior Karnataka and Kerala for one or two days of the week.
- **Isolated rainfall** occurred over Bihar, East Uttar Pradesh and Tamilnadu & Puducherry for most days, over Jammu & Kashmir and Rayalaseema for many days, over northeastern states, Sub-Himalayan West Bengal & Sikkim, Haryana, Chandigarh & Delhi, Punjab, Telangana, Coastal Andhra Pradesh and North Interior Karnataka for a few days and over Andaman & Nicobar Islands, Jharkhand, Uttarakhand, Himachal Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathawada and Lakshadweep 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 23 and deficient / scanty in 13 out of 36 met sub-divisions.
- **Cumulative rainfall (1st June to 07th September, 2011)** was excess / normal in 32 met sub-divisions and deficient / scanty in 04 met sub-divisions out of 36 met sub-division.

Table-1: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (07.09.2011)				Cumulative (01.06.11 to 07.09.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	40.6	35.8	13	N	564.2	538.9	5	N
Central India	114.8	58.1	97	E	953.9	851.1	12	N
South Peninsular India	51.1	31.5	62	E	639.3	590.5	8	N
East & North-East India	35.6	72.1	-51	D	1016.3	1213.5	-16	N
Country as a whole	66.9	48.3	39	E	782.2	761.7	3	N

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

Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 08th - 14th September, 2011 by IMD

Outlook for the Week Ending 14th September, 2011

- *Fairly widespread rainfall would occur over Coastal Andhra Pradesh, Gujarat, Orissa, Western Himalayan Region, Northeastern States and West Coast.*
- *Decrease in rainfall over remaining parts of the country.*

Warning:

- *Isolated heavy rainfall would occur over East Madhya Pradesh, Chhattisgarh, Orissa, Gangetic West Bengal, Jharkhand, Assam & Meghalaya during next 48 hours.*
- *Isolated heavy rainfall would occur over Himachal Pradesh, Uttarakhand, Haryana and Uttar Pradesh during next 24 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

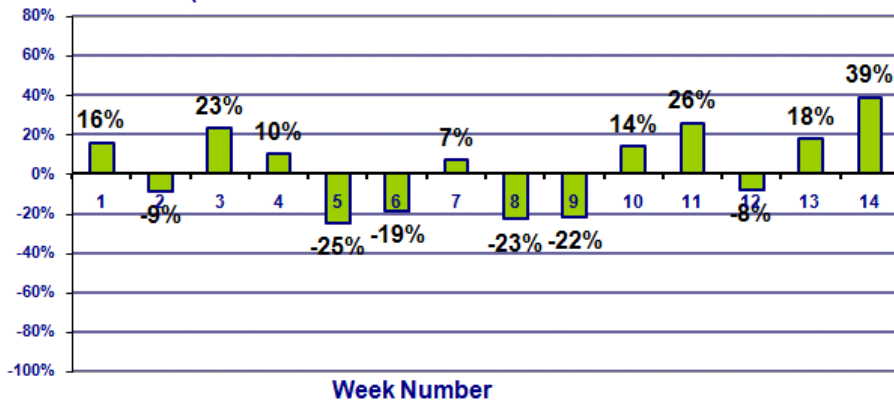
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

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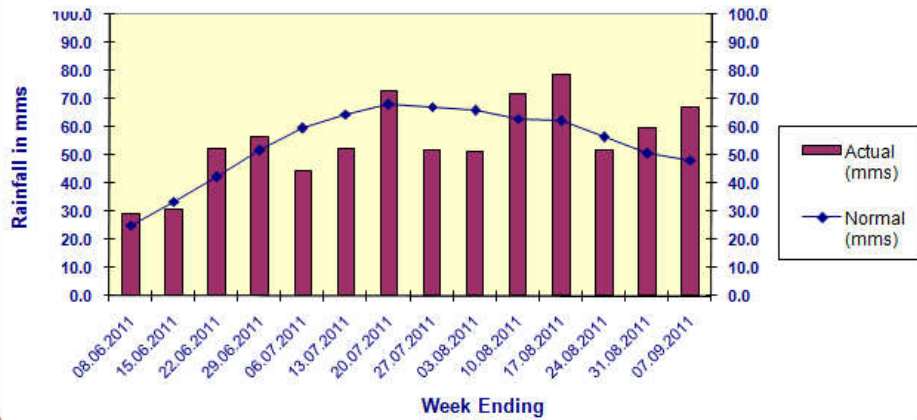
Weekly Percentage Rainfall Deviation from Normal(LPA)-All India

(Monsoon 2011 - from 01.06.2011 to 07.09.2011)



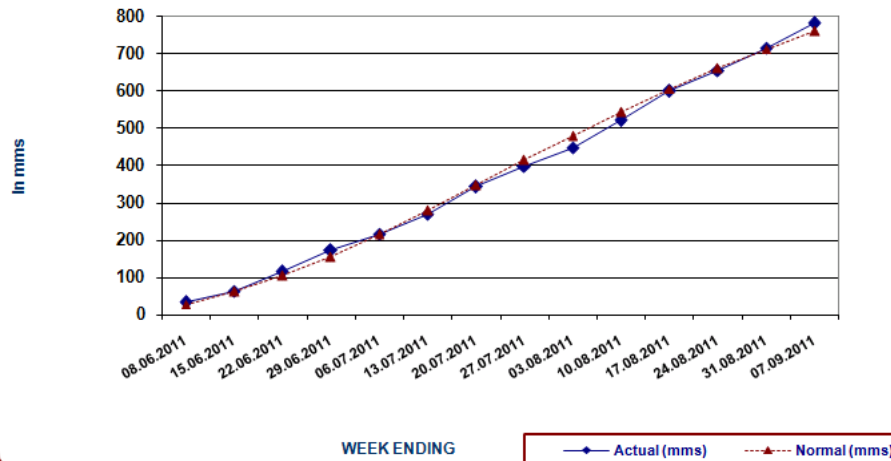
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Weekly Rainfall Distribution in Monsoon 2011 - All India



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



Reservoir Status (For the week ending on 08.09.2011)

- 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 119.41 BCM from the previous week's level of 110.82 BCM. Current storage is **more** than the last year's position of 97.73 BCM and average of last 10 year's storage of 93.15 BCM.

Table – 2: For 81 major reservoirs of the country

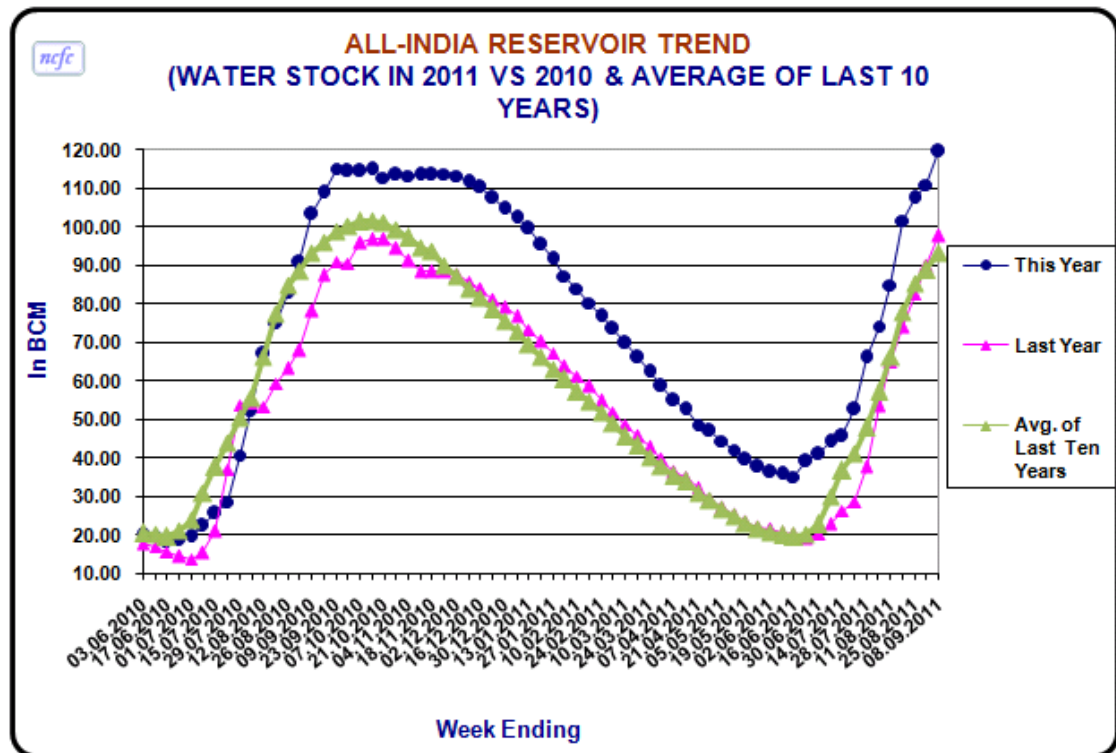
<u>Period</u>	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	79	122	128
Last Week	73	124	125

The percentage to live capacity at FRL was 64% on 08/09/2010, 52% on 08/09/2009, 65% on 04/09/2008 and 73% on 04/09/2007.

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

Source: CWC

- There were 71 reservoirs having storage more than 80%, 7 reservoirs having storage between 50% to 80% of Normal Storage and 3 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)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for 1st April to 07th September, 2011</i>	<i>14216</i>	<i>7138</i>	<i>2255</i>	<i>5206</i>
<i>Availability during 1st April to 07th September, 2011</i>	<i>11728</i>	<i>3891</i>	<i>646</i>	<i>4479</i>
<i>Sales during 1st April to 07th September, 2011</i>	<i>11401</i>	<i>3795</i>	<i>645</i>	<i>4259</i>
<i>Closing Stock as on 07.09.2011</i>	<i>327</i>	<i>96</i>	<i>1</i>	<i>219</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 : 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
		27.08.2011	20.08.2011	28.08.2010
Primary Articles	20.12	13.34	12.93	15.24
(a) Food Articles	14.34	9.55	10.05	14.76
Cereals	3.37	5.45	4.64	7.10
Rice	1.79	4.65	4.40	5.95
Wheat	1.12	-1.04	-2.52	9.66
Jowar	0.10	43.33	40.01	7.74
Bajra	0.12	11.08	5.74	4.71
Maize	0.22	22.96	24.45	5.52
Barley	0.02	12.39	13.48	6.35
Ragi	0.02	22.37	21.39	-3.58
Pulses	0.72	-1.56	-4.16	6.24
Gram	0.33	21.75	20.07	-1.96
Arhar	0.13	-11.29	-14.03	-10.10
Moong	0.08	-10.82	-15.95	40.84
Masur	0.05	-18.36	-19.99	-15.33
Urad	0.10	-18.10	-19.84	34.14
Vegetables	1.74	22.42	15.78	-1.90
Potatoes	0.20	13.38	13.31	-44.73
Onions	0.18	42.03	57.01	1.04
Fruits	2.11	16.57	21.58	9.74
Milk	3.24	9.12	9.22	26.32
Egg, Meat & Fish	2.41	7.26	12.62	29.27
(b) Non-Food Articles	4.26	19.88	17.19	14.10
Oilseeds	1.78	17.43	15.43	1.18
Fuel & Power	14.91	12.55	12.55	12.61

Table:5

<i>All India Crop Situation - Kharif (2011-12) as on 09.09.2011</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	369.63	93.9	337.08	361.46	32.6
Jowar	34.27	25.99	75.8	30.31	27.99	-4.3
Bajra	92.63	78.83	74.4	85.86	74.82	-7.0
Maize	69.59	73.19	105.2	74.39	69.93	-1.2
Total Coarse Cereals	219.68	194.18	88.4	210.14	192.55	-16.0
Total Cereals	613.26	563.81	91.9	547.22	554.01	16.6
Tur	35.42	37.63	106.2	44.69	33.79	-7.1
Urad	22.36	22.34	99.9	24.06	20.79	-1.7
Moong	25.56	23.52	92.0	27.81	23.00	-4.3
Others	23.13	22.34	96.6	20.67	21.97	1.7
Total Pulses	106.47	105.83	99.4	117.23	99.55	-11.4
Total Foodgrains	719.73	669.64	93.0	664.45	653.56	5.2
Groundnut	51.47	42.83	83.2	49.44	50.80	-6.6
Soyabean	88.33	103.27	116.9	93.31	95.39	10.0
Sunflower	7.54	2.56	34.0	2.72	5.38	-0.2
Sesamum	17.95	14.82	82.5	15.98	13.84	-1.2
Niger	4.12	1.63	39.4	2.53	2.40	-0.9
Castor	7.76	11.73	151.1	7.68	6.81	4.1
Total Oilseed	177.17	176.83	99.8	171.66	174.62	5.2
Cotton	93.55	118.90	127.1	108.90	89.09	10.0
Sugarcane	46.00	51.43	111.8	49.32	44.13	2.1
Jute+Mesta	9.20	9.25	100.6	8.48	7.37	0.8
All- Crops	1045.64	1026.06	98.1	1002.80	968.77	23.3

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 6: Progressive procurement of Rice as on 09.09.2011 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 09.09.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	94.46	69.36
Chhattisgarh	33.57	36.96	31.70
Haryana	18.19	16.87	18.16
Kerala	2.61	2.63	2.61
Maharashtra	2.29	3.08	2.15
Orissa	24.96	24.65	24.86
Punjab	92.75	86.35	92.75
Tamil Nadu	12.41	14.83	11.86
Uttar Pradesh	29.01	24.27	27.11
Uttaranchal	3.75	4.17	3.74
West Bengal	12.40	11.50	12.25
All-India	320.34	334.96	308.78