

**F.NO. 3-1/2012-CFCC – E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(CROP FORECAST COORDINATION CENTRE)**

Room No. 344-A, Krishi Bhawan
New Delhi, Dated: 12th September, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
07.09.2012.**

Summary observations of the Group on Agenda Items

- *Cumulative Monsoon Rainfall for the country as a whole during the period 1st June to 05th September, 2012 is 10% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 14% in North West India, (-) 6% in Central India, (-) 6% in South Peninsula and (-) 15% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 24 met sub-divisions constituting 73% of the total area of the country have received excess / normal rainfall and the remaining 12 met sub-divisions constituting 27% of the total area of the country have received deficient/scanty rainfall.*
- *Out of 628 districts for which data is available, 57 (9%) received excess, 280 (45%) received normal, 249 (40%) received deficient and 41 (6%) received scanty rainfall.*
- *The withdrawal of monsoon, which normally commences on 1st September, seems to have been delayed this year.*
- *Cumulative deficiency in rainfall of (-) 10% on 05th September, 2012 is lower than (-) 23% deficiency recorded on 02.09.2009. Percentage of deficient and scanty rainfall districts (40% and 6% respectively) is also lower in 2012 as compared to (52% and 11%) on 02.09.2009.*
- *Central Water Commission monitors 84 major reservoirs in the country which have a total live capacity of 154.42 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 06th September, 2012 was 100.83 BCM as against 122.18 BCM on 06.09.2011(last year) and 98.74 BCM of normal storage (average storage of the last 10 years). Current year's storage is 83% of the last year's and 102% of the normal storage. Major States reporting lower than normal storage are Himachal Pradesh, Punjab, Jharkhand, West Bengal, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra and Tamil Nadu.*
- *Basin level reservoir storage (with reference to average storage) was lower by (-) 70% in Rivers of Kutch, (-) 32% in Krishna, (-) 26% in Cauvery, (-) 21% in Sabarmati, (-) 20% in West flowing rivers of South, (-) 11% in Godavari, and (-) 6% in Indus basin and higher by 71% in Narmada, 56% in Ganga, 39% in Mahi, 6% in Mahanadi and 3% in Tapi basin.*

- *973.49 lakh ha. area had been sown under various Kharif crops upto 07.09.2012 as compared to average sown area of 982.45 lakh ha. upto the corresponding period of previous years. Area coverage is higher by 11.4 lakh ha. in Rice, 12.1 lakh ha. in Soyabean, 6.2 lakh ha. each in Cotton & Sugarcane and 2.0 lakh ha. in Urad. Major decline (compared to average area) has been reported under Bajra (-20.4 lakh ha.), Jowar (-5.8 lakh ha.), Moong (-3.9 lakh ha.), Tur (-1.6 lakh ha.), Groundnut (-9.4 lakh ha.), Sunflower (-2.4 lakh ha.) and Sesamum (-1.4 lakh ha.) Crop-wise comparative statement on sowing of kharif crops is enclosed.*
- *Retail prices of Pulses (per kg) in Delhi during last 3 months (30th May, 2012 to 06th September, 2012) have increased from Rs. 60 to Rs. 71 for Gram dal, Rs. 69 to Rs. 82 for Arhar, Rs. 72 to Rs. 74 for Urad, Rs. 71 to Rs. 75 for Moong and Rs. 55 to Rs. 65 for Masoor dal. Prices of Sugar have also increased from Rs. 35 to Rs. 40 in the last three months. Similar rise in prices is also observed in other Metros.*

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 05th September), 2012

- **Widespread rainfall** occurred over Konkan & Goa, Coastal Karnataka, Kerala and Lakshadweep for most days; over Andaman & Nicobar Islands and Vidarbha for many days; over Arunachal Pradesh, West Bengal & Sikkim, Odisha, Jharkhand, Uttarakhand, Gujarat State, Madhya Maharashtra, Marathawada, Chhattisgarh, Andhra Pradesh and interior Karnataka for one or two days during the week.
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- **Fairly widespread rainfall** occurred over Arunachal Pradesh for many days; over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Odisha, Himachal Pradesh, West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathawada and Telangana for a few days and over Assam & Meghalaya, East Uttar Pradesh, Uttarakhand, Jammu & Kashmir, Rajasthan, East Madhya Pradesh, Gujarat Region, Chhattisgarh, Coastal Andhra Pradesh and interior Karnataka for one or two days during the week.
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- **Scattered rainfall** occurred over Assam & Meghalaya, West Uttar Pradesh, Uttarakhand, East Rajasthan, Chhattisgarh and South Interior Karnataka for many days; over Nagaland, Manipur, Mizoram & Tripura, Haryana, Chandigarh & Delhi, Madhya Maharashtra and North Interior Karnataka for a few days and over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Odisha, Bihar, East Uttar Pradesh, Punjab, Himachal Pradesh, Jammu & Kashmir, West Rajasthan, Madhya Pradesh, Gujarat State, Marathawada, Vidarbha, Andhra Pradesh, Tamilnadu & Puducherry and Lakshadweep for one or two days during the week.
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- **Isolated rainfall** occurred over Tamilnadu & Puducherry for most days; over Gangetic West Bengal, Jharkhand, Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab and West Rajasthan for many days; over West Uttar Pradesh, Jammu & Kashmir, East Madhya Pradesh, Gujarat region and Rayalaseema for a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Odisha, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Marathawada, Vidarbha, Coastal Andhra Pradesh, Telangana and North Interior Karnataka for one or two days during the week.
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- Weather was **dry** over the rest region of the country.

- **Rainfall during the week (01st June - 05th September, 2012)** was 27 met sub-divisions received excess / normal rainfall and 09 met sub-divisions received deficient / scanty rainfall.

- **Cumulative rainfall (01st June - 05th September, 2012)** was excess / normal in 24 met sub-divisions rainfall and 12 met sub-divisions received deficient / scanty rainfall out of 36 met sub-divisions.

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

Region	Week Ending (05.09.2012)				Cumulative (01.06.12 to 05.09.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	36.2	35.2	3	N	457.1	529.1	-14	N
Central India	88.5	60.3	47	E	787.5	835.4	-6	N
South Peninsular India	70.2	32.6	115	E	547.7	581.8	-6	N
East & North-East India	56.9	71.2	-20	D	1016.8	1193.5	-15	N
Country as a whole	63.8	48.9	31	E	675.4	748.5	-10	N

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

Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 06th - 12th September , 2012 by IMD

Outlook for the Week Ending 12th September, 2012

- *Rain/thundershowers would occur at many places over west coast, Rajasthan, central India and interior peninsular India.*
- *Rain/thundershowers would occur at a few places over eastern & northeastern states, Uttar Pradesh and Haryana, Chandigarh & 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

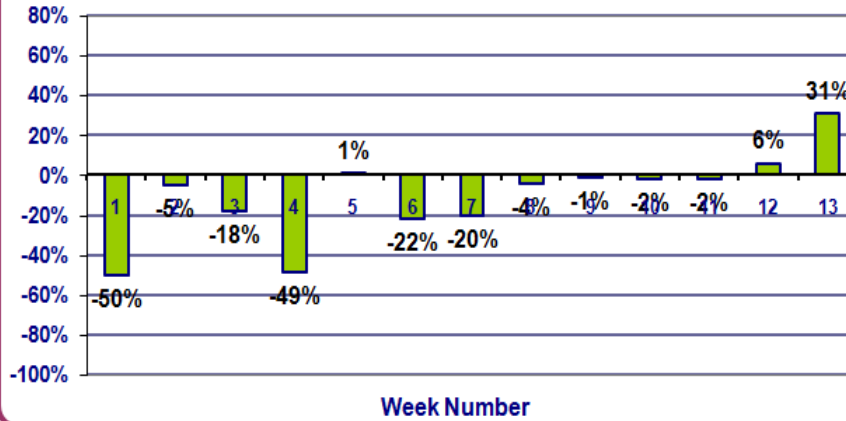
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

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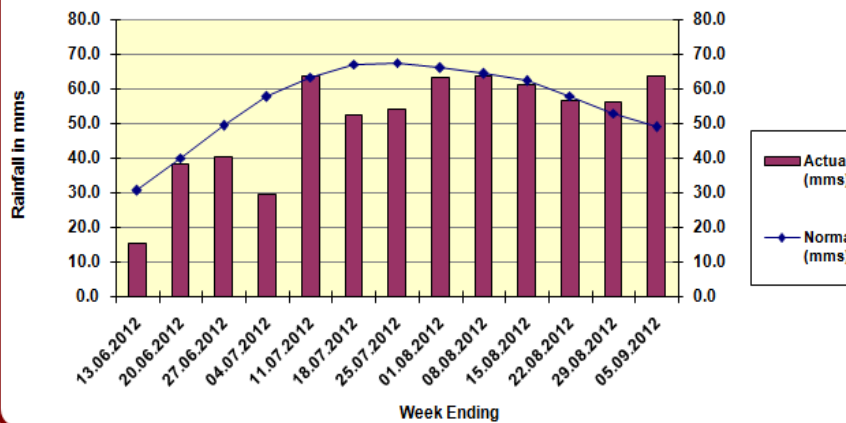
Weekly Percentage Rainfall Deviation from Normal(LPA)-All India

(Monsoon 2012 - from 01.06.2012 to 05.09.2012)



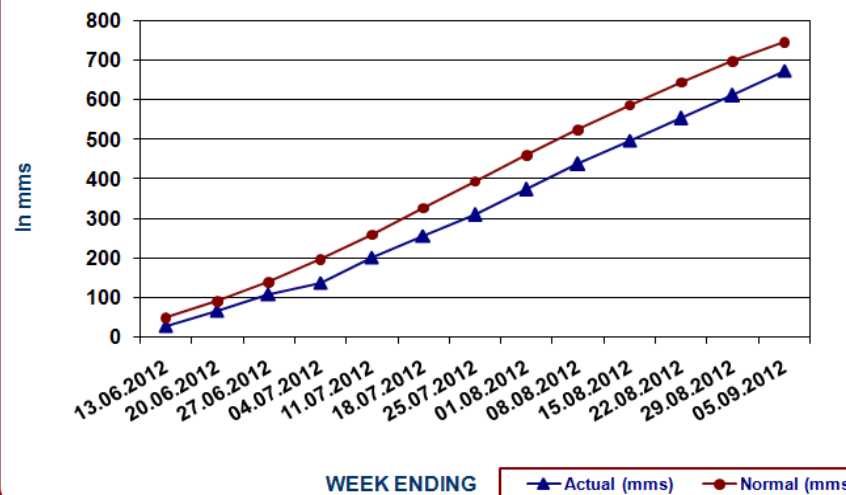
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Weekly Rainfall Distribution in Monsoon 2012 - All India



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Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2012



Reservoir Status (For the week ending on 06.09.2012)

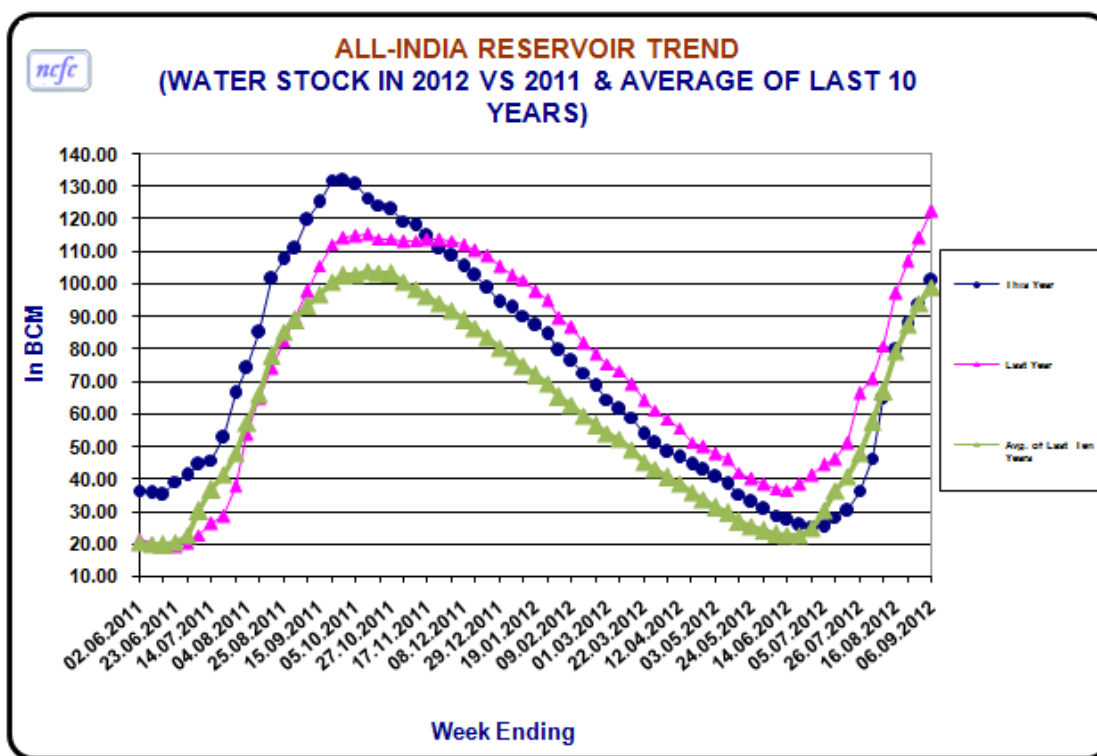
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **increased** to 100.83 BCM from the previous week's level of 94.04 BCM. Current storage is **less** than the last year's position of 122.18 BCM and lower than the average of last 10 year's storage of 98.74 BCM.

Table – 2: For 84 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	65	83	102
Last Week	61	83	100
The percentage to live capacity at FRL was 79% on 06/09/2011, 60% on 06/09/2010, 45% on 03/09/2009 and 65% on 04/09/2008.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 55 reservoirs having storage more than 80%, 15 reservoirs having storage between 50% to 80% of Normal Storage, 4 reservoir having storage between 30% to 50% of Normal Storage, 10 reservoir having storage 30% or below of Normal Storage and 2 reservoirs namely Bhima (Ujjani) (Maha) and Jayakwadi (Maha) having no live 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 September 2012

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Opening Stock as on 01.04.2012</i>	<i>388</i>	<i>449</i>	<i>172</i>	<i>1032</i>
<i>Requirement for April to September, 2012</i>	<i>15082</i>	<i>6940</i>	<i>2198</i>	<i>5553</i>
<i>Availability as on 07.09.2012</i>	<i>11152</i>	<i>3442</i>	<i>1110</i>	<i>3861</i>
<i>Sales as on 07.09.2012</i>	<i>10920</i>	<i>2665</i>	<i>827</i>	<i>3145</i>
<i>Closing Stock as on 07.09.2012</i>	<i>232</i>	<i>777</i>	<i>783</i>	<i>716</i>

Source: Fertilizer Division (DAC) / Deptt. of Fertilizer

Pest & Diseases:

- The incidence of pest & diseases generally remained below Economic 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 (2012-13) as on 07-09-2012</i>							
							(In lakh hectares)
Crop Name	Average Area for whole Kharif Season	Average Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2012	% of Average for whole season	Last Year 2011	Average as on date	Last Year
Rice	391.10	344.69	356.07	91.0	371.86	11.4	-15.8
Jowar	32.88	29.69	23.92	72.8	26.04	-5.8	-2.1
Bajra	92.70	81.01	60.64	65.4	78.91	-20.4	-18.3
Maize	70.64	72.54	73.37	103.9	73.92	0.8	-0.6
Total Coarse Cereals	218.58	202.24	173.85	79.5	195.67	-28.4	-21.8
Total Cereals	609.68	546.93	529.92	86.9	567.53	-17.0	-37.6
Tur	37.00	37.79	36.17	97.8	37.53	-1.6	-1.4
Urad	23.11	21.30	23.32	100.9	21.39	2.0	1.9
Moong	26.29	23.44	19.55	9.2	22.14	-3.9	-2.6
Others	23.36	19.17	19.22	82.3	23.35	0.1	-4.1
Total Pulses	109.75	101.69	98.25	89.5	104.41	-3.4	-6.2
Total Foodgrains	719.43	648.62	628.17	87.3	671.94	-20.4	-43.8
Groundnut	49.94	47.28	37.91	75.9	42.32	-9.4	-4.4
Soyabean	92.11	94.84	106.94	116.1	103.27	12.1	3.7
Sunflower	6.33	4.44	2.00	31.5	2.59	-2.4	-0.6
Sesamum	18.67	14.61	13.19	70.6	14.65	-1.4	-1.5
Niger	4.03	2.04	1.74	43.0	1.47	-0.3	0.3
Castor	7.79	7.62	8.43	108.1	11.16	0.8	-2.7
Total Oilseed	178.89	170.83	170.20	95.1	175.46	-0.6	-5.3
Cotton	98.66	107.28	113.46	115.0	119.13	6.2	-5.7
Sugarcane	47.36	46.72	52.88	111.7	50.63	6.2	2.3
Jute	7.96	9.00	8.78	110.3	9.19	-0.2	-0.4
All- Crops	1052.30	982.45	973.49	92.5	1026.35	-9.0	-52.9

Source: Crops & TMOP Divisions, DAC

Table - 5 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Inflation (year on year)		
		July, 2012	June, 2012	June , 2011
All Commodities	100	6.87	7.25	9.36
Primary Articles	20.12	10.39	10.46	11.47
(a) Food Articles	14.34	10.06	10.81	8.19
Cereals	3.37	8.29	6.70	5.20
Rice	1.79	10.12	7.46	2.41
Wheat	1.12	6.67	6.82	1.79
Pulses	0.72	28.26	20.48	-7.48
Gram	0.33	63.45	59.48	16.46
Arhar	0.13	10.03	0.54	-18.99
Moong	0.08	-0.40	-5.64	-19.71
Masur	0.05	23.43	18.52	-25.05
Urad	0.10	-7.44	-16.72	-16.89
Vegetables	1.74	24.11	48.84	7.79
Potato	0.20	72.96	75.85	7.03
Onions	0.18	-9.81	-9.40	27.15
Fruits	2.11	-0.15	-3.64	14.82
Milk	3.24	8.01	7.30	10.77
Egg, Meat & Fish	2.41	16.00	16.25	9.56
(b) Non-Food Articles	4.26	13.05	6.85	15.77
Oilseeds	1.78	25.22	18.53	13.93
Fuel & Power	14.91	5.98	10.27	12.04

Procurement:

Table – 6: Progressive procurement of Rice as on 07.09.2012 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 07.09.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	75.27	94.08
Chhattisgarh	37.39	41.15	36.99
Haryana	16.87	20.07	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.78	2.08
Orissa	24.76	28.36	24.63
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	14.45
Uttar Pradesh	24.66	33.50	24.34
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	18.92	11.29
All-India	340.94	348.53	333.31