

**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: 07th September, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
31.08.2012.**

Summary observations of the Group on Agenda Items

- *Cumulative Monsoon Rainfall for the country as a whole during the period 1st June to 29th August, 2012 is 12% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 15% in North West India, (-) 10% in Central India, (-) 13% in South Peninsula and (-) 14% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 22 met sub-divisions constituting 68% of the total area of the country have received excess / normal rainfall and the remaining 14 met sub-divisions constituting 32% of the total area of the country have received deficient/scanty rainfall.*
- *Out of 628 districts for which data is available, 53 (9%) received excess, 265 (42%) received normal, 264 (42%) received deficient and 45 (7%) 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 (-)12% on 29th August, 2012 is lower than (-) 25% and (-)21% deficiency recorded on the corresponding dates in 2009 & 2002. Percentage of deficient and scanty rainfall districts (42% and 7% respectively) is also lower in 2012 as compared to (53% and 12%) in 2009 and (51% and 17%) in 2002 on the corresponding dates in those years.*
- *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 30th August, 2012 was 94.04 BCM as against 114.08 BCM on 30.08.2011(last year) and 93.91 BCM of normal storage (average storage of the last 10 years). Current year's storage is 82% of the last year's and 100% 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 (-) 36% in Krishna, (-) 18% in Godavari, (-) 33% in Cauvery, (-) 25% in West flowing rivers of South, (-) 10% in Indus, (-) 77% in Rivers of Kutch and (-) 24% in Sabarmati basin and higher by 61% in Ganga, 65% in Narmada, 9% in Mahanadi, 46% in Mahi and 7% in Tapi basin.*

- *Contingency plans for sowing of alternate crops in rainfall deficit areas have been prepared and shared with the States and are being rolled out in Karnataka, Maharashtra, Gujarat and Rajasthan.*
- *954.31 lakh ha. area had been sown under various Kharif crops upto 31.08.2012 as compared to average sown area of 960.92 lakh ha. upto the corresponding period of previous years. Area coverage is higher by 15.3 lakh ha. in Rice, 12.4 lakh ha. in Soyabean, 5.9 lakh ha. in Cotton, 6.2 lakh ha. in Sugarcane and 1.8 lakh ha. in Urad. Major decline (compared to average area) has been reported under Bajra (-18.9 lakh ha.), Jowar (-5.5 lakh ha.), Pulses (-3.6 lakh ha.), Groundnut (-9.7 lakh ha.), Sunflower (-2.6 lakh ha.) and Sesamum (-1.2 lakh ha.)*
- *Retail prices of Pulses (per kg) in Delhi during last 3 months (30th May 2012 to 30th August 2012) have increased from Rs. 60 to Rs. 71 for Gram dal, Rs. 69 to Rs. 81 for Arhar, Rs. 72 to Rs. 75 for Urad, Rs. 71 to Rs. 75 for Moong and Rs. 55 to Rs. 66 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 29th August), 2012

- Widespread rainfall occurred over Andaman & Nicobar Islands and Himachal Pradesh for most days, over Konkan & Goa, Coastal Karnataka and Kerala many days, over East Madhya Pradesh for a few days and over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub- Himalayan West Bengal & Sikkim, Odisha, Bihar, East Uttar Pradesh, Uttarakhand, West Madhya Pradesh, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalaseema and South Interior Karnataka for one or two days during the week.
-
- Fairly widespread rainfall occurred over Haryana, Chandigarh & Delhi and Lakshadweep for many days, over Arunachal Pradesh, Sub- Himalayan West Bengal & Sikkim, Uttarakhand, East Rajasthan and South Interior Karnataka for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, Jharkhand, Uttar Pradesh, Punjab, Himachal Pradesh, Madhya Pradesh, Gujarat region, Maharashtra, Coastal Andhra Pradesh, Telangana, Coastal Karnataka, North Interior Karnataka and Kerala for one or two days during the week.
- Scattered rainfall occurred over Assam & Meghalaya, Gangetic West Bengal, Bihar, Uttar Pradesh, Rajasthan and Saurashtra & Kutch for many days, over Jharkhand, Punjab, Jammu & Kashmir, Gujarat region, Chhattisgarh, Andhra Pradesh and North Interior Karnataka for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Odisha, Uttarakhand, Haryana, Chandigarh & Delhi, Madhya Pradesh, Madhya Maharashtra, Marathawada, Vidarbha, Tamilnadu & Puducherry, Coastal Karnataka, South Interior Karnataka and Kerala for one or two days during the week.
-
- Isolated rainfall occurred over Madhya Maharashtra and Tamilnadu & Puducherry for many days, over Gangetic West Bengal, Jharkhand, Punjab, Jammu & Kashmir, West Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Coastal Andhra Pradesh and Lakshadweep for a few days during the week and over northeast states, Sub-Himalayan West Bengal & Sikkim, Odisha, Bihar, Haryana, Chandigarh & Delhi, East Madhya Pradesh, Gujarat region, Konkan & Goa, Marathawada, Chhattisgarh, Telangana, Rayalaseema, Interior Karnataka and Kerala for one or two days during the week.
-
- Weather was dry over the rest region of the country.
- **Rainfall during the week (01st June - 29th August, 2012)** was 26 met sub-divisions received excess / normal rainfall and 10 met sub-divisions received deficient / scanty rainfall.
- **Cumulative rainfall (01st June - 29th August, 2012)** was excess / normal in 22 met sub-divisions rainfall and 14 met sub-divisions received deficient / scanty rainfall out of 36 met sub-divisions.

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

Region	Week Ending (29.08.2012)				Cumulative (01.06.12 to 29.08.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	57.6	42.9	34	E	421.1	493.9	-15	N
Central India	53.3	59.2	-10	N	699.2	775.1	-10	N
South Peninsular India	60.7	37.0	64	E	477.3	549.2	-13	N
East & North-East India	54.1	78.8	-31	D	964.0	1122.3	-14	N
Country as a whole	56.2	53.0	6	N	612.3	699.6	-12	N

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.
Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 23rd - 29th August, 2012 by IMD

Outlook for the Week Ending 29th August, 2012

- Rainfall would occur at many places over west coast, northeastern states, western Himalayan region, Andhra Pradesh, Maharashtra and Gujarat.
- Rainfall would occur at a few places over remaining parts of country outside interior peninsular India.

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

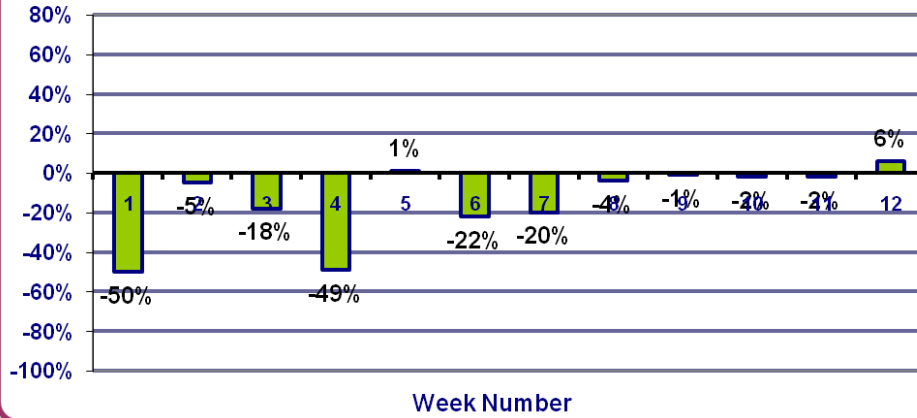
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

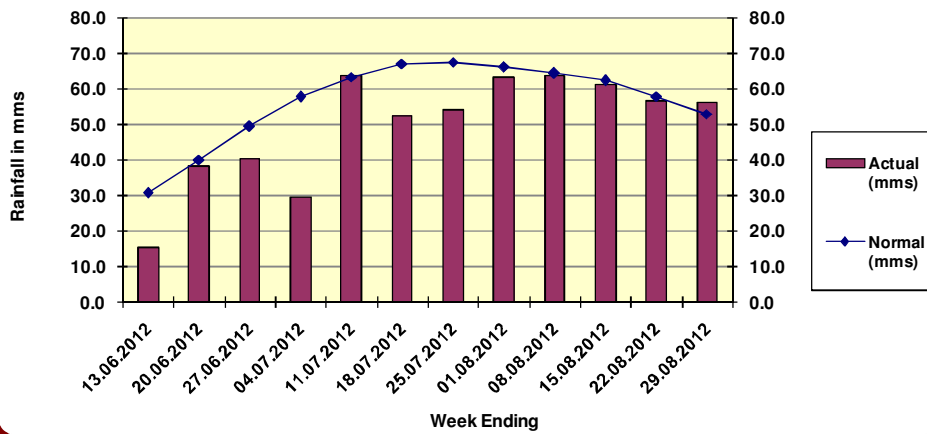


Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

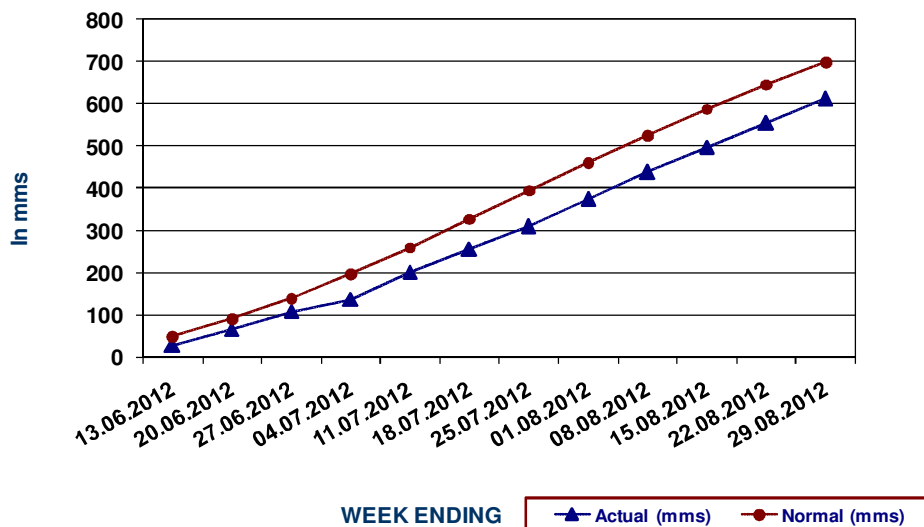
(Monsoon 2012 - from 01.06.2012 to 29.08.2012)



Weekly Rainfall Distribution in Monsoon 2012 - All India



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



Reservoir Status (For the week ending on 30.08.2012)

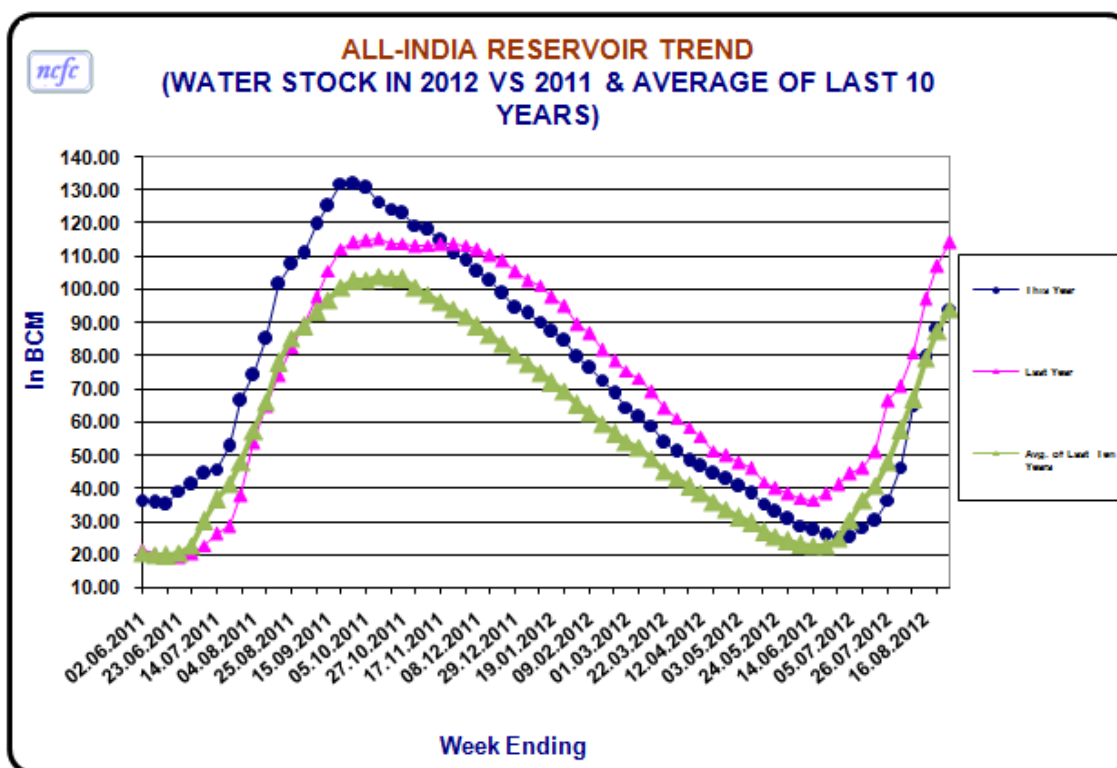
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **increased** to 94.04 BCM from the previous week's level of 87.56 BCM. Current storage is **less** than the last year's position of 114.08 BCM and lower than the average of last 10 year's storage of 93.91 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	61	82	100
Last Week	57	82	100
The percentage to live capacity at FRL was 74% on 30/08/2011, 60% on 30/08/2010, 42% on 27/08/2009 and 63% on 28/08/2008.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 48 reservoirs having storage more than 80%, 17 reservoirs having storage between 50% to 80% of Normal Storage, 9 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 August 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 August, 2012</i>	<i>12721</i>	<i>5597</i>	<i>1792</i>	<i>4546</i>
<i>Availability as on 30.08.2012</i>	<i>10225</i>	<i>2919</i>	<i>1042</i>	<i>3673</i>
<i>Sales as on 30.08.2012</i>	<i>9691</i>	<i>2109</i>	<i>692</i>	<i>2624</i>
<i>Closing Stock as on 30.08.2012</i>	<i>534</i>	<i>810</i>	<i>320</i>	<i>1049</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

All India Crop Situation - Kharif (2012-13) as on 31-08-2012							
							(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	331.85	347.10	319.2	364.61	15.3	-17.5
Jowar	32.88	29.02	23.54	71.6	25.85	-5.5	-2.3
Bajra	92.70	77.47	58.59	63.2	78.60	-18.9	-20.0
Maize	70.64	71.91	71.91	101.8	72.69	0.0	-0.8
Total Coarse Cereals	218.58	196.77	167.87	76.8	193.37	-28.9	-25.5
Total Cereals	609.68	528.62	514.97	84.5	557.98	-13.7	-43.0
Tur	37.00	37.67	36.13	97.7	37.40	-1.5	-1.3
Urad	23.11	21.25	23.02	99.6	21.49	1.8	1.5
Moong	26.29	23.40	19.35	9.2	22.11	-4.1	-2.8
Others	23.36	18.99	19.20	82.2	23.18	0.2	-4.0
Total Pulses	109.75	101.31	97.70	89.0	104.18	-3.6	-6.5
Total Foodgrains	719.43	629.93	612.67	85.2	662.16	-17.3	-49.5
Groundnut	49.94	46.63	36.97	74.0	42.12	-9.7	-5.1
Soyabean	92.11	94.56	106.94	116.1	103.12	12.4	3.8
Sunflower	6.33	4.26	1.68	26.5	2.39	-2.6	-0.7
Sesamum	18.67	14.16	12.92	69.2	14.63	-1.2	-1.7
Niger	4.03	1.83	1.59	39.3	1.46	-0.2	0.1
Castor	7.79	6.93	7.06	90.5	11.13	0.1	-4.1
Total Oilseed	178.89	168.36	167.15	93.4	174.86	-1.2	-7.7
Cotton	98.66	106.91	112.83	114.4	118.37	5.9	-5.5
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	960.92	954.31	90.7	1015.21	-6.6	-60.9

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 31.08.2012 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 31.08.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	75.12	93.25
Chhattisgarh	37.39	41.15	36.84
Haryana	16.87	20.07	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.78	2.08
Orissa	24.76	28.35	24.61
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	14.36
Uttar Pradesh	24.66	33.50	24.34
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	18.83	11.28
All-India	340.94	348.30	331.93