

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: 08th August, 2012

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 03.08.2012.

Summary observations of the Group on Agenda Items

- *As per the IMD forecast outlook for rainfall during August – September 2012, rainfall is likely to be normal (96% \pm 9% of LPA) during August, below normal (<94% of LPA) during August to September, 2012 and deficient (<90% of LPA) during June to September, 2012.*
- *Cumulative Monsoon Rainfall for the country as a whole during the period 1st June to 01st August, 2012 is 19% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 35% in North West India, (-) 15% in Central India, (-) 23% in South Peninsula and (-) 11% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 16 met sub-divisions constituting 41% of the total area of the country have received excess / normal rainfall and the remaining 20 met sub-divisions constituting 59% of the total area of the country have received deficient/scanty rainfall. Scanty rainfall met sub-divisions are Haryana, Chandigarh & Delhi, Punjab, West Rajasthan and Saurashtra & Kutch.*
- *Rainfall was deficient by (-)29% in June, 2012 and by (-) 13% during July, 2012 leading to a cumulative deficiency of (-)20% upto 02nd August, 2012.*
- *Out of 628 districts for which data was available, 47 (7%) received excess, 211 (34%) received normal, 274 (44%) received deficient and 93 (15%) received scanty rainfall.*
- *IMD has forecast good rainfall in Eastern & Central India next week. In Northwest India UP, Uttarakhand and HP are also expected to get good rains but Rajasthan, Haryana and Punjab will get only scattered rainfall. In Southern Peninsula, Karnataka and Andhra Pradesh area expected to get good rains but rest of Peninsula would get subdued rainfall.*
- *Cumulative deficiency of (-) 19% is equal to that recorded on 29th July, 2009. Though percentage of scanty districts (15%) are lower in 2012 as compared to (19%) in 2009 on the above dates.*
- *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 02nd August, 2012 was 46.32 BCM as against 70.55 BCM on 02.08.2011(last year) and 57.46 BCM of normal storage (average storage of the last 10 years). Current year's storage is 66% of the last year's and 81% of the normal storage. Major States reporting lower than normal storage are Himachal Pradesh, Punjab, Jharkhand, West Bengal, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra, Tamil Nadu, Odisha and UP.*

- *Basin level reservoir storage (with reference to average storage) was lower by (-) 49% in Krishna, (-) 34% in Godavari, (-) 36% in Cauvery, (-) 43% in West flowing rivers of South, (-) 45% in Indus, () 72% in Rivers of Kutch and (-) 6% in Mahanadi basin. Reservoir storage was better at 64% in Ganga, 32% in Narmada, 29%in Sabarmati, 23% in Mahi and 9% in Tapi basin.*
- *Punjab, Haryana and Western parts of UP where substantial area is sown under irrigated conditions, required additional power in view of persistent deficiency of rainfall.*
- *In view of reports of shortage of Urea in some State viz. UP, Punjab, Haryana, AP and Bihar, Department of fertilizers has been advised to ensure the availability of fertilizers, particularly Urea, in the above States.*
- *Prices of Wheat, Rice, Pulses and Oilseeds have witnessed substantial increase in the past one year. Prices of these commodities are likely to harden further near the festive season beginning October, 2012. Department of Consumer Affairs & Department of Food have been advised to examine the price trends & take remedial measures.*
- *Contingency plans for sowing of alternate crops in rainfall deficit States have been prepared and shared with the States and are being rolled out in Karnataka, Maharashtra, Gujarat and Rajasthan.*
- *751.27 lakh ha. area had been sown under various Kharif crops upto 03.08.2012 as compared to average sown area of 794.64 lakh ha. upto the corresponding period of previous years. Major decline (compared to average area) has been reported under Rice (-4.8 lakh ha.), Coarse Cereals (-33.5 lakh ha.) and Pulses (-11.4 lakh ha.). However, area coverage is higher by 14.6 lakh ha. in Soyabean and 6.2 lakh ha. In Sugarcane.*

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 01st August), 2012

- Widespread rainfall occurred over Coastal Karnataka for most days, over Uttarakhand, West Madhya Pradesh, Konkan & Goa, Vidarbha and Chhattisgarh for many days, over Himachal Pradesh and East Madhya Pradesh for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, West Bengal & Sikkim, Odisha, Jharkhand, Madhya Maharashtra, Marathawada, Telangana and Kerala for one or two days during the week.
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- Fairly widespread rainfall occurred over Jharkhand for many days, over Andaman & Nicobar Islands, West Bengal & Sikkim, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, East Madhya Pradesh, Vidarbha and Telangana for a few days and over northeastern states, Odisha, Bihar, East Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat region, Konkan & Goa, Marathawada, Coastal Andhra Pradesh, Rayalaseema, Interior Karnataka and Kerala for one or two days during the week.
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- Scattered rainfall occurred over Coastal Andhra Pradesh for most days, over Arunachal Pradesh, Assam & Meghalaya, West Uttar Pradesh, Jammu & Kashmir, Madhya Maharashtra and South Interior Karnataka for many days, over Nagaland, Manipur, Mizoram & Tripura and Odisha for a few days and over Andaman & Nicobar Islands, West Bengal & Sikkim, Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat region, Marathawada, Chhattisgarh, Telangana, Rayalaseema, North Interior Karnataka, Kerala and Lakshadweep for one or two days during the week.
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- Isolated rainfall occurred over West Rajasthan and Tamilnadu & Puducherry for most days, over Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Gujarat state and North Interior Karnataka for many days, over Marathawada and Rayalaseema for a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jammu & Kashmir, East Rajasthan, East Madhya Pradesh, South Interior Karnataka, Kerala and Lakshadweep 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 - 01st August, 2012)** was 15 met sub-divisions received excess / normal rainfall and 21 met sub-divisions received deficient / scanty rainfall.
- **Cumulative rainfall (01st June - 01st August, 2012)** was excess / normal in 16 met sub-divisions rainfall and 20 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 (01.08.2012)				Cumulative (01.06.12 to 01.08.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	44.4	53.9	-18	N	191.8	296.0	-35	D
Central India	97.2	76.6	27	E	426.5	498.9	-15	N
South Peninsular India	36.9	47.6	-23	D	295.0	384.9	-23	D
East & North-East India	59.9	90.0	-34	D	712.2	797.6	-11	N
Country as a whole	63.2	66.1	-4	N	374.1	461.7	-19	N

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

Weather Outlook / Forecast for the period 02nd - 08th August, 2012 by IMD

Outlook for the Week Ending 08th August, 2012

- *Rainfall activity would increase over central India and eastern states.*

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

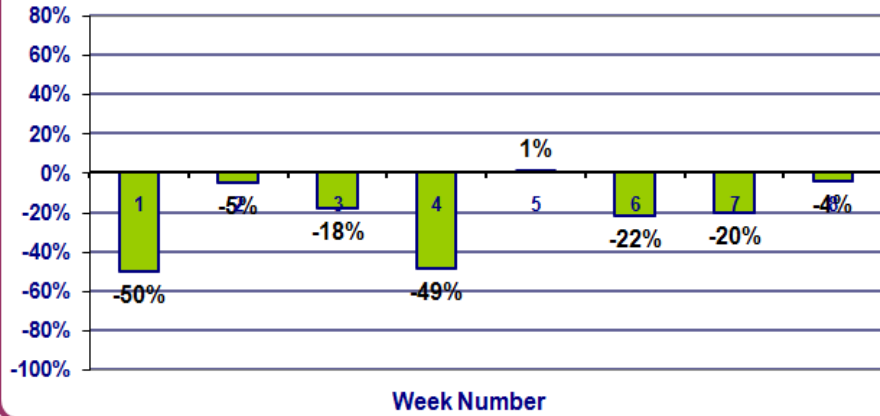
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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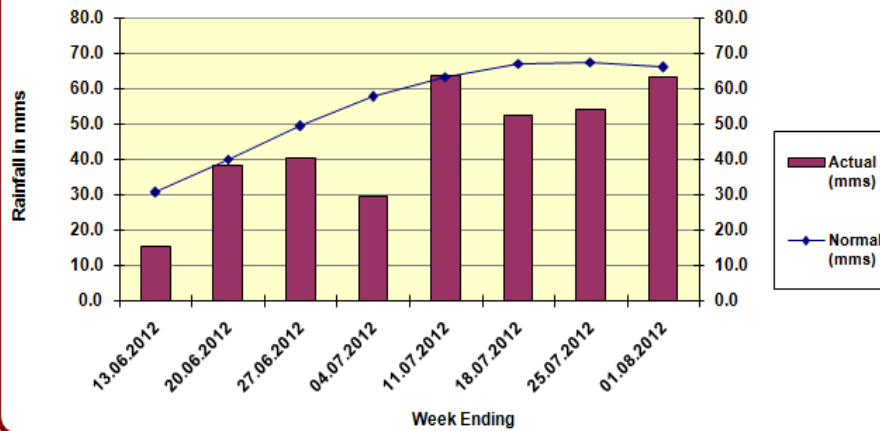
Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2012 - from 01.06.2012 to 01.08.2012)



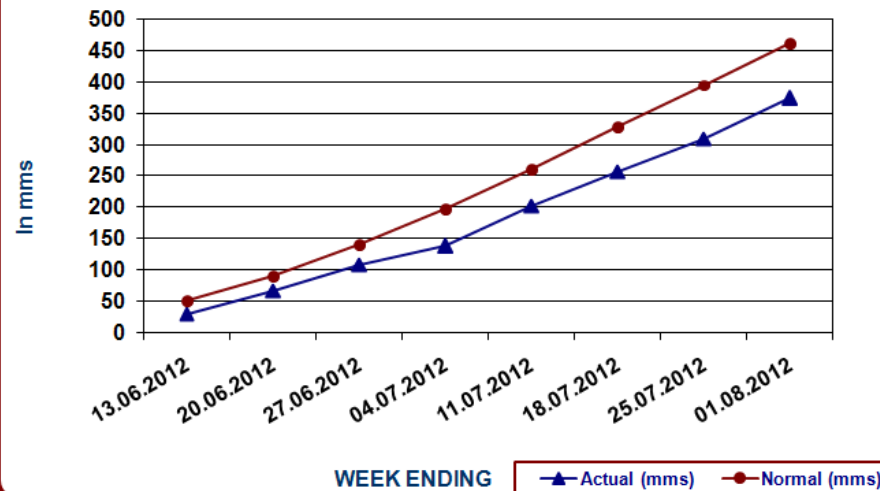
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Weekly Rainfall Distribution in Monsoon 2012 - All India



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



Reservoir Status (For the week ending on 02.08.2012)

- 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 46.32 BCM from the previous week's level of 36.28 BCM. Current storage is **less** than the last year's position of 70.55 BCM and lower than the average of last 10 year's storage of 57.46 BCM.

Table – 2: For 84 major reservoirs of the country

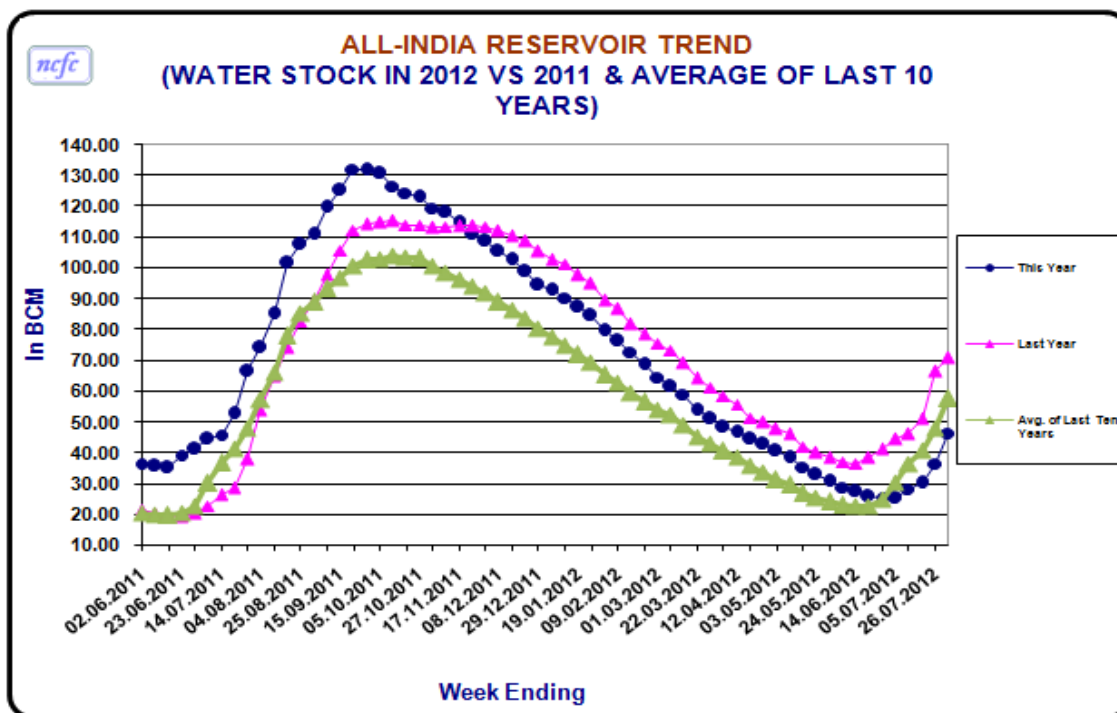
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	30	66	81
Last Week	23	56	76

The percentage to live capacity at FRL was 46% on 02/08/2011, 34% on 02/08/2010, 35% on 30/07/2009 and 32% on 31/07/2008.

* *Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 36 reservoirs having storage more than 80%, 24 reservoirs having storage between 50% to 80% of Normal Storage, 14 reservoir having storage between 30% to 50% of Normal Storage, 10 reservoir having storage 30% or below of Normal Storage and one reservoir namely Bhima (Ujjani) (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 July 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</i>	<i>412</i>	<i>345</i>	<i>99</i>	<i>709</i>
<i>Requirement for July, 2012</i>	<i>3251</i>	<i>1622</i>	<i>456</i>	<i>1060</i>
<i>Supply Plan</i>	<i>3509</i>	<i>1158</i>	<i>489</i>	<i>832</i>
<i>Availability as on 31.07.2012</i>	<i>3010</i>	<i>1109</i>	<i>403</i>	<i>1412</i>
<i>Sales as on 31.07.2012</i>	<i>1674</i>	<i>346</i>	<i>128</i>	<i>440</i>
<i>Percentage over Supply/ Availability</i>	<i>93</i>	<i>68</i>	<i>88</i>	<i>133</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 03-08-2012							
							(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	240.89	236.13	60.4	258.60	-4.8	-22.5
Jowar	32.88	25.54	19.28	58.6	23.34	-6.3	-4.1
Bajra	92.70	67.66	45.93	49.5	62.93	-21.7	-17.0
Maize	70.64	65.25	62.85	89.0	66.75	-2.4	-3.9
Total Coarse Cereals	218.58	169.30	135.75	62.1	162.08	-33.5	-26.3
Total Cereals	609.68	410.19	371.88	61.0	420.68	-38.3	-48.8
Tur	37.00	30.92	30.32	82.0	31.01	-0.6	-0.7
Urad	23.11	17.04	18.83	81.5	18.15	1.8	0.7
Moong	26.29	21.01	14.21	9.2	20.68	-6.8	-6.5
Others	23.36	15.18	9.44	40.4	17.69	-5.7	-8.3
Total Pulses	109.75	84.15	72.80	66.3	87.53	-11.4	-14.7
Total Foodgrains	719.43	494.34	444.68	61.8	508.21	-49.7	-63.5
Groundnut	49.94	39.40	28.78	57.6	35.44	-10.6	-6.7
Soyabean	92.11	88.63	103.24	112.1	97.50	14.6	5.7
Sunflower	6.33	2.92	1.13	17.8	1.47	-1.8	-0.3
Sesamum	18.67	10.84	9.55	51.1	11.35	-1.3	-1.8
Niger	4.03	0.76	0.52	13.0	0.54	-0.2	0.0
Castor	7.79	2.95	1.95	25.0	3.69	-1.0	-1.7
Total Oilseed	178.89	145.49	145.17	81.2	149.98	-0.3	-4.8
Cotton	98.66	99.89	100.14	101.5	109.92	0.3	-9.8
Sugarcane	47.36	46.71	52.88	111.7	50.59	6.2	2.3
Jute	7.96	8.22	8.40	105.6	8.92	0.2	-0.5
All- Crops	1052.30	794.64	751.27	71.4	827.62	-43.4	-76.4

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)		
		June, 2012	May, 2012	June , 2011
All Commodities	100	7.25	7.55	9.51
Primary Articles	20.12	10.46	10.88	11.31
(a) Food Articles	14.34	10.81	10.74	7.64
Cereals	3.37	6.74	5.73	5.05
Rice	1.79	7.46	5.07	2.86
Wheat	1.12	6.82	6.81	-0.06
Pulses	0.72	20.48	16.61	-9.33
Gram	0.33	59.48	55.96	9.78
Arhar	0.13	0.54	-5.43	-18.53
Moong	0.08	-5.64	-6.17	-24.14
Masur	0.05	18.52	10.56	-26.00
Urad	0.10	-16.72	-16.71	-10.06
Vegetables	1.74	48.84	49.43	-6.45
Potato	0.20	75.85	68.10	0.48
Onions	0.18	-9.40	-7.32	16.11
Fruits	2.11	-3.64	-6.07	19.79
Milk	3.24	7.30	11.90	11.52
Egg, Meat & Fish	2.41	16.25	17.89	9.88
(b) Non-Food Articles	4.26	6.85	8.47	18.44
Oilseeds	1.78	18.53	19.18	12.85
Fuel & Power	14.91	10.27	11.53	12.85

Procurement:

Table – 6: Progressive procurement of Wheat as on 27.07.2012 (lakh tonnes)

State	Total procurement in marketing season 2011-12 (April - March)	Progressive Procurement as on 27.07.2012	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Punjab	109.58	128.34	109.57
Haryana	69.28	86.65	68.82
Uttar Pradesh	34.61	50.63	34.61
Madhya Pradesh	49.65	84.93	49.05
Rajasthan	13.03	19.64	13.03
All-India	283.35	381.45	281.08

Table – 7: Progressive procurement of Rice as on 03.08.2012 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 03.08.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	74.55	89.23
Chhattisgarh	37.39	41.15	36.44
Haryana	16.87	19.85	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.58	2.05
Orissa	24.76	28.28	24.50
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	14.12
Uttar Pradesh	24.66	33.50	23.95
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	18.56	10.60
All-India	340.94	346.96	325.54