

**F.NO. 3-1/2011-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: 03rd August, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
27.07.2012.**

Summary observations of the Group on Agenda Items

- *Cumulative Monsoon Rainfall for the country as a whole during the period 1st June to 25th July, 2012 is 22% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 39% in North West India, (-) 22% in Central India, (-) 24% in South Peninsula and (-) 9% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 14 met sub-divisions constituting 37% of the total area of the country have received excess / normal rainfall and the remaining 22 met sub-divisions constituting 63% 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 (-) 16% during 01st – 25th July, 2012 leading to a cumulative deficiency of (-) 22% up to 25th July, 2012.*
- *In the past 7 weeks of monsoon season, at met sub-division level, Punjab, Haryana, Saurashtra & Kutch received deficient / scanty rainfall during all 7 weeks. West Rajasthan, East Rajasthan, West UP, Himachal Pradesh, Gujarat, Madhya Maharashtra, South Interior Karnataka and Kerala received deficient / scanty rainfall in 6 out of 7 weeks.*
- *Out of 627 districts for which data was available, 55 (9%) received excess, 169 (27%) received normal, 306 (49%) received deficient and 94 (15%) received scanty rainfall.*
- *IMD has forecast 15 – 20% good rainfall next week at All-India level. As in the last week, good rainfall is expected in Eastern & Central India but rest of the country is expected to record only scattered rainfall.*
- *Cumulative deficiency of (-) 22% on 25th July, 2012 is worse than the deficiency of (-) 19% recorded in the corresponding date of 2009. However, the spatial distribution of rainfall is better this year and the percentage of scanty rainfall districts (15%) are lower in 2012 as compared to 22% in 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). Reservoir position has improved from 19% of FRL on 19th July, 2012 to 24% of FRL on 26th July, 2012. Current live storage in these reservoirs as on 26th July, 2012 was 36.32 BCM as against 66.18 BCM on 26.07.2011(last year) and 47.99 BCM of normal storage (average storage of the last 10 years). Current year's storage is 55% of the last year's and 76% 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 (-) 56% in Krishna, (-) 34% in Godavari, (-) 38% in Cauvery, (-) 46% in West flowing rivers of South, (-) 50% in Indus and (-) 16% in Tapi. Reservoir storage was better at 54% in Ganga, Mahi and Sabarmati each, 13% in Narmada and (-) 4% in Mahanadi basins.*
- *Department of fertilizers has been advised to ensure the availability of fertilizers, particularly Urea, in the States which have experienced excess/normal rainfall so as to enable them to increase production to compensate for any loss in rainfall deficient States.*
- *668.24 lakh ha. area had been sown under various Kharif crops upto 27.07.2012 as compared to average sown area of 724.17 lakh ha. upto the corresponding period of previous years. Major decline (compared to average area) has been reported under Rice (-8.71 lakh ha.), Coarse Cereals (-43.48 lakh ha.) and Pulses (-16.83 lakh ha.). However, area coverage is higher by 16.9 lakh ha. in Soyabean, 5.8 lakh ha. in Sugarcane and 3.2 lakh ha. in Cotton.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of June 2012, decreased to 10.46% from the level of 10.88% in the month of May, 2012. The inflation rate was 11.31% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 7.46% from the previous month's level of 5.07%, Wheat to 6.82% from the previous month's level of 6.81%, Cereals to 6.74% from the previous month's level of 5.73% and Pulses to 20.48% from the previous month's level of 16.61%.*
- *The inflation for non-food items has decreased to 6.85% from the previous month's level of 8.47% and for the food items has increased to 10.81% from the previous month's level of 10.74%.*

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 25th July), 2012

- **Widespread rainfall** occurred over Sub-Himalayan West Bengal & Sikkim, Konkan & Goa and Coastal Karnataka for most days, over Arunachal Pradesh and Kerala for many days, over Gangetic West Bengal, East Madhya Pradesh, Vidarbha, Chhattisgarh and Telangana for a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Bihar, East Uttar Pradesh, Uttarakhand, West Madhya Pradesh, Coastal Andhra Pradesh, North Interior Karnataka and Lakshadweep for one or two days during the week.
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- **Fairly widespread rainfall** occurred over Assam & Meghalaya and Odisha for many days, over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Himachal Pradesh, West Madhya Pradesh, Vidarbha and Chhattisgarh for a few days and over Arunachal Pradesh, West Bengal & Sikkim, Bihar, Uttar Pradesh, Uttarakhand, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Rayalaseema, Coastal Karnataka and South Interior Karnataka for one or two days during the week.
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- **Scattered rainfall** occurred over Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Telangana and South Interior Karnataka for many days, over Jammu & Kashmir for a few days and over Andaman & Nicobar Islands, northeastern states, Gangetic West Bengal, Odisha, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, East Rajasthan, East Madhya Pradesh, Gujarat region, Chhattisgarh, Rayalaseema, North Interior Karnataka and Lakshadweep for one or two days.
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- **Isolated rainfall** occurred over Haryana, Chandigarh & Delhi and Tamilnadu & Puducherry for most days, over West Uttar Pradesh, Punjab, Jammu & Kashmir, East Rajasthan, Gujarat state, North Interior Karnataka and Lakshadweep for many days, over Andaman & Nicobar Islands, West Rajasthan, West Madhya Pradesh and Rayalaseema for a few days and over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, East Madhya Pradesh, Madhya Maharashtra, Marathawada, Vidarbha, Coastal Andhra Pradesh, South Interior Karnataka and Kerala 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 - 25th July, 2012)** was 12 met sub-divisions received excess / normal rainfall and 24 met sub-divisions received deficient / scanty rainfall.
- **Cumulative rainfall (01st June - 25th July, 2012)** was excess / normal in 14 met sub-divisions rainfall and 22 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 (25.07.2012)				Cumulative (01.06.12 to 25.07.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	33.5	54.3	-38	D	147.7	242.0	-39	D
Central India	72.4	74.9	-3	N	329.0	422.3	-22	D
South Peninsular India	39.6	54.2	-27	D	258.0	337.3	-24	D
East & North-East India	73.5	94.1	-22	D	646.1	707.6	-9	N
Country as a whole	54.2	67.5	-20	D	309.9	395.6	-22	D

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

Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 25th July - 01st August, 2012 by IMD

Outlook for the Week Ending 01st August, 2012

- *Rainfall at many places would occur along West Coast and over Northeastern States, West Himalayan region and Uttar Pradesh.*
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- *Decrease in intensity of rainfall activity over Central and East India during 2nd half of the week.*
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- *Subdued rainfall activity may occur over South 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

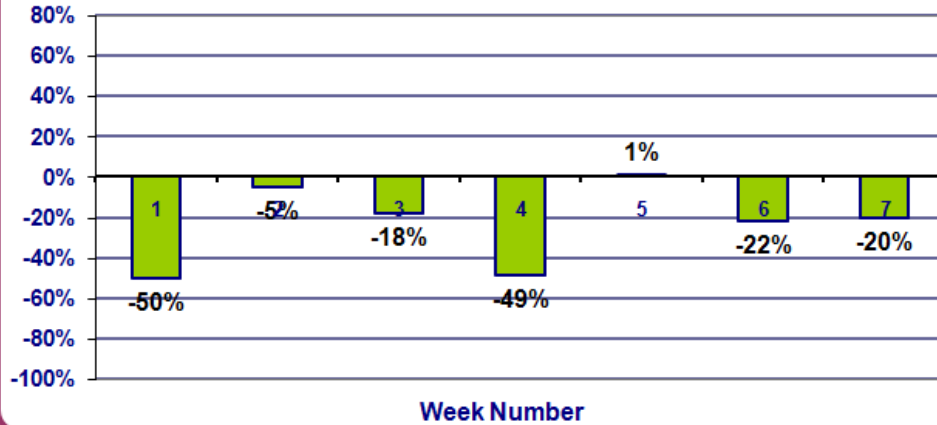
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

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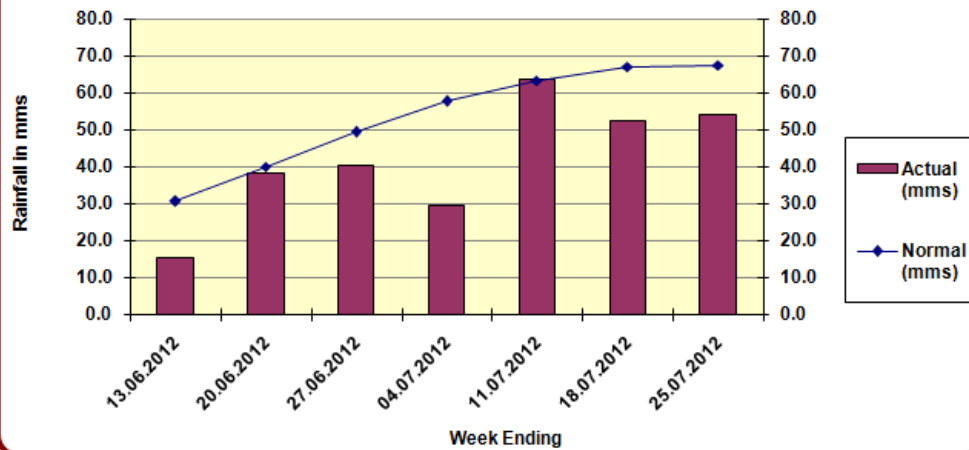
Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2012 - from 01.06.2012 to 25.07.2012)



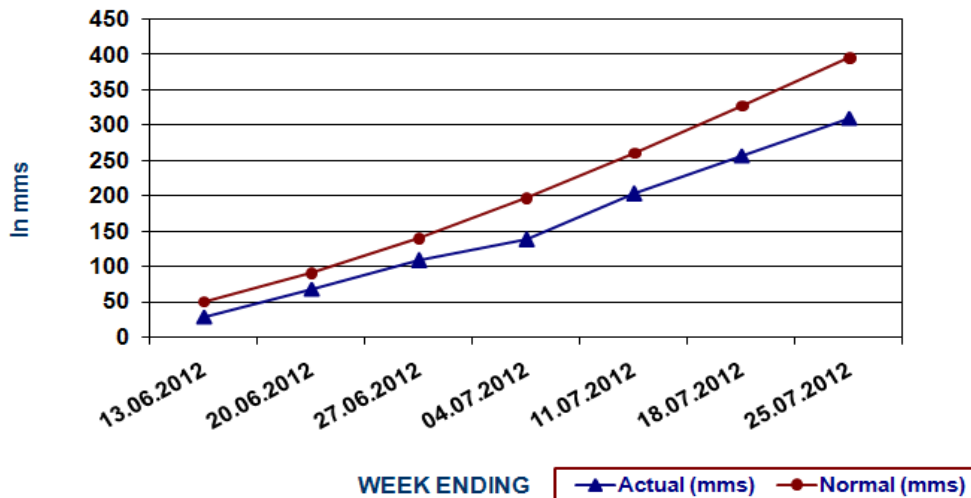
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Weekly Rainfall Distribution in Monsoon 2012 - All India



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



Reservoir Status (For the week ending on 26.07.2012)

- 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 36.32 BCM from the previous week's level of 29.95 BCM. Current storage is **less** than the last year's position of 66.18 BCM and lower than the average of last 10 year's storage of 47.99 BCM.

Table – 2: For 84 major reservoirs of the country

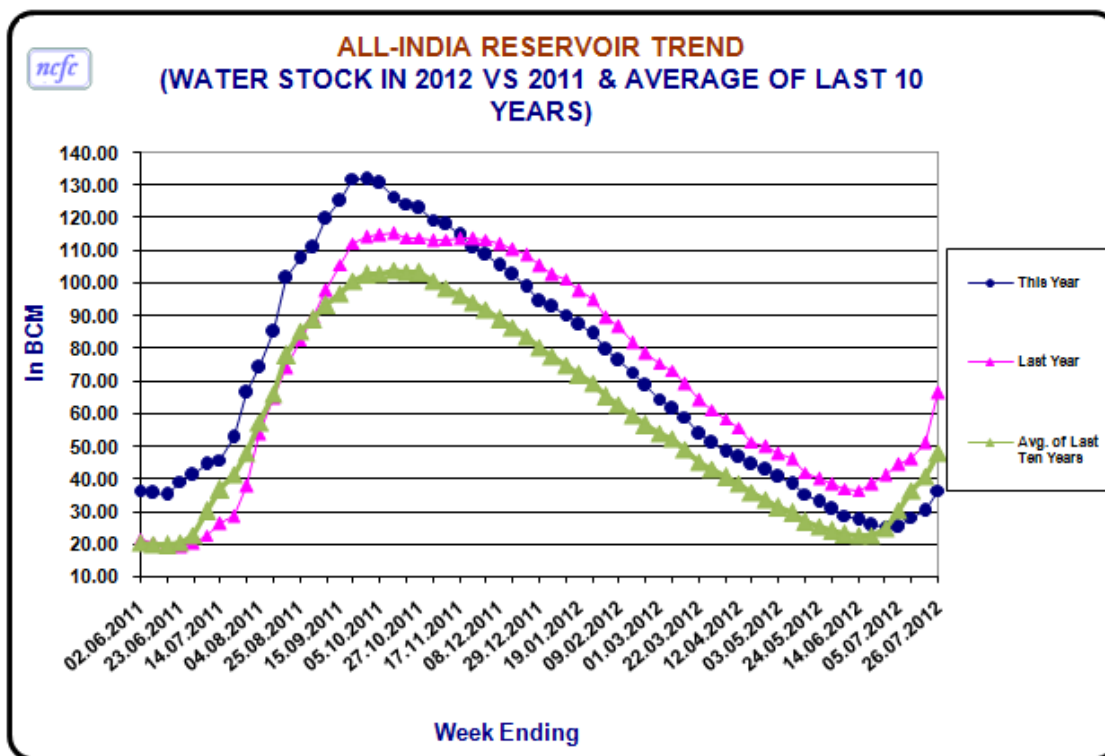
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	24	55	76
Last Week	19	59	74

The percentage to live capacity at FRL was 43% on 26/07/2011, 23% on 26/07/2010, 23% on 23/07/2009 and 29% on 24/07/2008.

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

Source: CWC

- There were 34 reservoirs having storage more than 80%, 23 reservoirs having storage between 50% to 80% of Normal Storage, 16 reservoir having storage between 30% to 50% of Normal Storage, 11 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 as on 01.04.2012</i>	<i>388</i>	<i>450</i>	<i>172</i>	<i>1032</i>
<i>Requirement for April to June, 2012</i>	<i>6286</i>	<i>2814</i>	<i>897</i>	<i>2467</i>
<i>Availability during 01st April to 25th July June, 2012</i>	<i>7593</i>	<i>1916</i>	<i>739</i>	<i>2981</i>
<i>Sales during 01st April to 25th July, 2012</i>	<i>5860</i>	<i>1323</i>	<i>416</i>	<i>1763</i>
<i>Closing stock as on 25.07.2012</i>	<i>1733</i>	<i>593</i>	<i>323</i>	<i>1218</i>
<i>Requirement for July, 2012</i>	<i>3251</i>	<i>1622</i>	<i>456</i>	<i>1060</i>
<i>Availability as on 25.07.2012</i>	<i>2018</i>	<i>623</i>	<i>330</i>	<i>1285</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 27-07-2012</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	199.77	191.06	48.9	209.31	-8.7	-18.3
Jowar	32.88	24.51	17.24	52.4	22.27	-7.3	-5.0
Bajra	92.70	64.90	37.11	40.0	60.72	-27.8	-23.6
Maize	70.64	61.81	57.15	80.9	59.30	-4.7	-2.2
Total Coarse Cereals	218.58	160.86	117.48	53.7	151.89	-43.4	-34.4
Total Cereals	609.68	360.63	308.54	50.6	361.20	-52.1	-52.7
Tur	37.00	29.41	26.66	72.1	27.36	-2.8	-0.7
Urad	23.11	16.11	16.63	72.0	16.01	0.5	0.6
Moong	26.29	20.22	12.16	9.2	18.71	-8.1	-6.6
Others	23.36	14.07	7.54	32.3	14.54	-6.5	-7.0
Total Pulses	109.75	79.82	62.99	57.4	76.63	-16.83	-13.6
Total Foodgrains	719.43	440.45	371.53	51.6	437.83	-68.9	-66.3
Groundnut	49.94	35.33	25.46	51.0	33.10	-9.9	-7.6
Soyabean	92.11	84.62	101.54	110.2	94.34	16.9	7.2
Sunflower	6.33	2.64	0.81	12.8	1.35	-1.8	-0.5
Sesamum	18.67	9.07	8.34	44.7	8.85	-0.7	-0.5
Niger	4.03	0.50	0.48	11.8	0.29	0.0	0.2
Castor	7.79	2.28	1.71	22.0	1.96	-0.6	-0.2
Total Oilseed	178.89	134.45	138.33	77.3	139.87	3.9	-1.5
Cotton	98.66	94.02	97.24	98.6	104.48	3.2	-7.2
Sugarcane	47.36	47.03	52.85	111.6	50.93	5.8	1.9
Jute	7.96	8.22	8.29	104.2	8.89	0.1	-0.6
All- Crops	1052.30	724.17	668.24	63.5	742.00	-55.9	-73.8

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 20.07.2012 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 20.07.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	74.19	86.79
Chhattisgarh	37.39	41.15	30.39
Haryana	16.87	19.85	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.58	2.05
Orissa	24.76	28.16	24.26
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	13.95
Uttar Pradesh	24.66	33.45	23.95
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	17.63	10.02
All-India	340.94	345.48	315.73