

F. No. 3-1/ 2014-15-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: 14.01.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 09.01.2015.

Summary observations of the Group on Agenda Items

- *In the winter season, cumulative Rainfall for the country as a whole during the period 1st January to 07th January, 2015 is 197% higher than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 12% in North West India, 935% in Central India, 185% in East & North East India and 148% in South Peninsula.*
- *Out of a total of 36 met sub-divisions, 27 met sub-divisions constituting 73% of the total area of the country have received excess/normal rainfall, 08 met sub-divisions constituting 27% of the total area of the country have received deficient/scanty rainfall and 01 met sub-divisions constituting 01% of the total area of the country have received no rainfall*
- *Central Water Commission monitors 85 major reservoirs in the country which have a total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 08th January, 2015 was 86.98 BCM as against 102.26 BCM on 08.01.2014 (last year) and 86.98 BCM of normal storage (average storage of the last 10 years). Current year's storage is 85% of the last year's and 100% of the normal storage.*
- *As per latest information available on sowing of crops, around 92.2% of the normal area under rabi crops have been sown upto 09.01.2015. Area sown under all rabi crops taken together has been reported to be 566.18 lakh hectares at All India level as compared to 597.15 lakh hectares the corresponding period of last year.*
- *Area reported was higher by 9.9 lakh ha. under Wheat, 1.4 lakh ha. under Rice, 1.5 lakh ha. under Maize 1.0 lakh ha. under Peas and 1.4 lakh ha. under Urad. Area coverage was lower by 7.9 lakh ha. under Jowar, 5.9 lakh ha. under Gram, 2.2 lakh ha. under Rapeseed & Mustard, 1.1 lakh ha. under Safflower and 2.2 lakh ha. under Sunflower.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of November, 2014, decreased to 0.00% from the level of 1.77 in the month of October, 2014. The inflation rate was 7.52% during the corresponding period of last year.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of November, 2014, decreased to -0.98% from the level of 1.43% in the month of October, 2014. The inflation rate was 15.29% during the corresponding period of last year.*

- *The inflation for non-food items has decreased to -3.65% from the previous month's level of -1.41% and for the food items has decreased to 0.63% from the previous month's level of 2.70%.*
- *Among the foodgrains, Rice has decreased to 5.55% from the previous month's level of 6.47%, Cereals has to 2.09% from the previous month's level of 3.29%, Wheat to -2.31% from the previous month's level of -1.92%. The inflation for Pulses has increased to 4.43% from the previous month's level of 4.02%.*
- *All-India progressive procurement of Rice as on 09.01.2015 for the marketing season 2014-15 was 162.43 lakh tonnes against the procurement of 176.36 lakh tonnes upto the corresponding period of last year.*

Winter Season (Jan. – Feb.) during the week ending on 07th January, 2015

Sub-division-wise daily distribution of rainfall and minimum temperature are shown in Table-1

- **Rainfall during the week (01st January, 2015 to 07th January, 2015)** Rainfall was excess/normal in 27, deficient/scanty in 08 and no rain in 01 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st January to 07th January, 2015)** Rainfall was excess/normal in 27, deficient/scanty in 08 and no rain in 1 out of 36 meteorological sub-divisions.

Table-2: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (01.01.2015)				Cumulative (01.01.15 to 07.01.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	6.7	6.0	12	N	6.7	6.0	12	N
Central India	15.2	1.5	935	E	15.2	1.5	935	E
South Peninsular India	4.8	1.9	148	E	4.8	1.9	148	E
East & North-East India	8.5	3.0	185	E	8.5	3.0	185	E
Country as a whole	9.5	3.2	197	E	9.5	3.2	197	E

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

Source: India Meteorological Department, New 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.

Table – 3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India % Rainfall Departure for the last five years since : 1st January

No. of Sub-Divisions with rainfall	<i>For the period from 1st January to</i>					
	13 JAN 2010	12 JAN 2011	11 JAN 2012	09 JAN 2013	08 JAN 2014	07 JAN 2015
Excess	09	02	21	08	01	25
Normal	02	01	02	02	02	02
Total	11	03	23	10	03	27
Deficient	04	05	04	04	07	03
Scanty	15	14	04	09	11	05
No rain	06	14	05	13	15	01
Total	25	33	13	26	33	09
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 55%	(-) 71%	198%	(-) 73%	(-) 45%	197 %

Table-1

METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL & MINIMUM TEMPERATURE-2015

SR.No	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE						
		01 JAN	02 JAN	03 JAN	04 JAN	05 JAN	06 JAN	07 JAN	01 JAN	02 JAN	03 JAN	04 JAN	05 JAN	06 JAN	07 JAN
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	DRY	DRY	DRY	SCT	ISOL	N	N	N	N	N	N	N
2	ARUNACHAL PRADESH	DRY	DRY	DRY	ISOL	DRY	ISOL	DRY	N	AN	MAN	AN	N	N	N
3	ASSAM & MIZORAM	ISOL	DRY	ISOL	ISOL	DRY	ISOL	DRY	N	AN	MAN	AN	MAN	N	N
4	NAGA, MANIPUR & TRIPURA	ISOL	ISOL	DRY	DRY	DRY	ISOL	DRY	AN	MAN	MAN	MAN	MAN	N	N
5	SUB-HIMA WEST BEN. & SIKKIM	DRY	DRY	ISOL	SCT	ISOL	DRY	DRY	N	N	MAN	MAN	MAN	MAN	N
6	GANGETIC WEST BENGAL	DRY	SCT	SCT	SCT	SCT	DRY	DRY	AN	MAN	MAN	MAN	MAN	AN	N
7	ODISHA	SCT	FWS	SCT	ISOL	ISOL	DRY	DRY	MAN	MAN	MAN	MAN	MAN	N	N
8	JHARKHAND	DRY	DRY	FWS	FWS	DRY	DRY	DRY	AN	MAN	MAN	MAN	AN	N	N
9	BIHAR	ISOL	DRY	SCT	FWS	DRY	DRY	DRY	AN	MAN	MAN	MAN	AN	N	N
10	EAST UTTAR PRADESH	ISOL	WDS	WDS	ISOL	DRY	DRY	DRY	MAN	MAN	MAN	MAN	MAN	N	N
11	WEST UTTAR PRADESH	ISOL	WDS	WDS	ISOL	DRY	DRY	DRY	AN	MAN	MAN	MAN	AN	N	N
12	UTTARANCHAL	DRY	ISOL	WDS	WDS	DRY	DRY	DRY	MAN	MAN	MAN	MAN	MAN	N	N
13	HARYANA CHH. & DELHI	DRY	FWS	SCT	ISOL	DRY	DRY	DRY	AN	MAN	MAN	AN	N	AN	N
14	PUNJAB	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY	AN	N	MAN	MAN	AN	N	N
15	HIMACHAL PRADESH	DRY	DRY	FWS	WDS	DRY	DRY	DRY	N	N	N	N	N	N	N
16	JAMMU & KASHMIR	DRY	DRY	DRY	DRY	ISOL	DRY	DRY	N	N	AN	N	N	AN	N
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	SN	AN	N	AN	N	N	AN
18	EAST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY	MAN	MAN	MAN	AN	N	N	N
19	WEST MADHYA PRADESH	ISOL	FWS	ISOL	ISOL	DRY	DRY	DRY	SN	N	MAN	AN	N	SN	N
20	EAST MADHYA PRADESH	DRY	WDS	SCT	ISOL	DRY	DRY	DRY	N	N	MAN	MAN	N	SN	N
21	GUJARAT REGION D.D. & N.H.	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY	N	AN	N	N	N	N	N
22	SAURASHTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	SN	AN	N	N	AN	AN	N
23	KONKAN & GOA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	N
24	MADHYA MAHARASHTRA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY	AN	N	N	N	AN	N	N
25	MARATHWADA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	AN	N	N	AN	N	N	N
26	VIDARBH	ISOL	FWS*	SCT	ISOL	DRY	DRY	DRY	AN	N	N	N	N	AN	N
27	CHHATTISGARH	ISOL	ISOL	SCT	FWS*	DRY	DRY	DRY	AN	AN	N	AN	AN	N	N
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	DRY	ISOL	ISOL	DRY	AN	MAN	MAN	AN	AN	AN	AN
29	TELANGANA	DRY	ISOL	ISOL	SCT	DRY	DRY	DRY	MAN	N	MAN	AN	AN	N	N
30	RAYALASEEMA	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	AN	AN	N	AN	AN	N	N
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	AN	MAN	MAN	AN	AN	AN	N
32	COASTAL KARNATAKA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	N
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	N
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	AN
35	KERALA	SCT	DRY	ISOL	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	AN
36	LAKSHADWEEP	DRY	ISOL	DRY	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	N

LEGEND FOR RAINFALL:		WDS	WIDE SPREAD / MOST PLACES (75-100%)	FWS	FAMILY WIDE SPREAD / MANY PLACES (50-75%)	SCT	SCATTERED / FEW PLACES (25-50%)	ISOL	ISOLATED (UP TO 25%)
DRY		NO STATION REPORTED RAINFALL			ACTIVE (0.2" / 5 mm or more)			VIGOROUS (0.7" / More than 20 mm)	
LEGEND FOR TEMPERATURE:									
N	NORMAL (0.5 to 1.0°C)	SN	BELOW NORMAL (0 to 0.5°C)	AN	ABOVE NORMAL (1.0 to 1.5°C)	MAN	MARKEDLY ABOVE NORMAL (1.5 to 2.0 or more °C)	MBN	MARKEDLY BELOW NORMAL (0.5 to 1.0 or more °C)
AN	ABOVE NORMAL (1.5 to 2.0°C)	MAN	MARKEDLY ABOVE NORMAL (2.0 to 2.5°C)	AN	ABOVE NORMAL (1.5 to 2.0°C)	MAN	MARKEDLY ABOVE NORMAL (2.0 to 2.5 or more °C)	MBN	MARKEDLY BELOW NORMAL (1.5 to 2.0 or more °C)
* Cold wave conditions (Departure from Normal by 4°C or 4°C or 4°C)					** Severe Cold wave conditions (Departure from Normal by 6°C or less and 7°C or less)				

Reservoir Status (For the week ending on 08.01.2015)

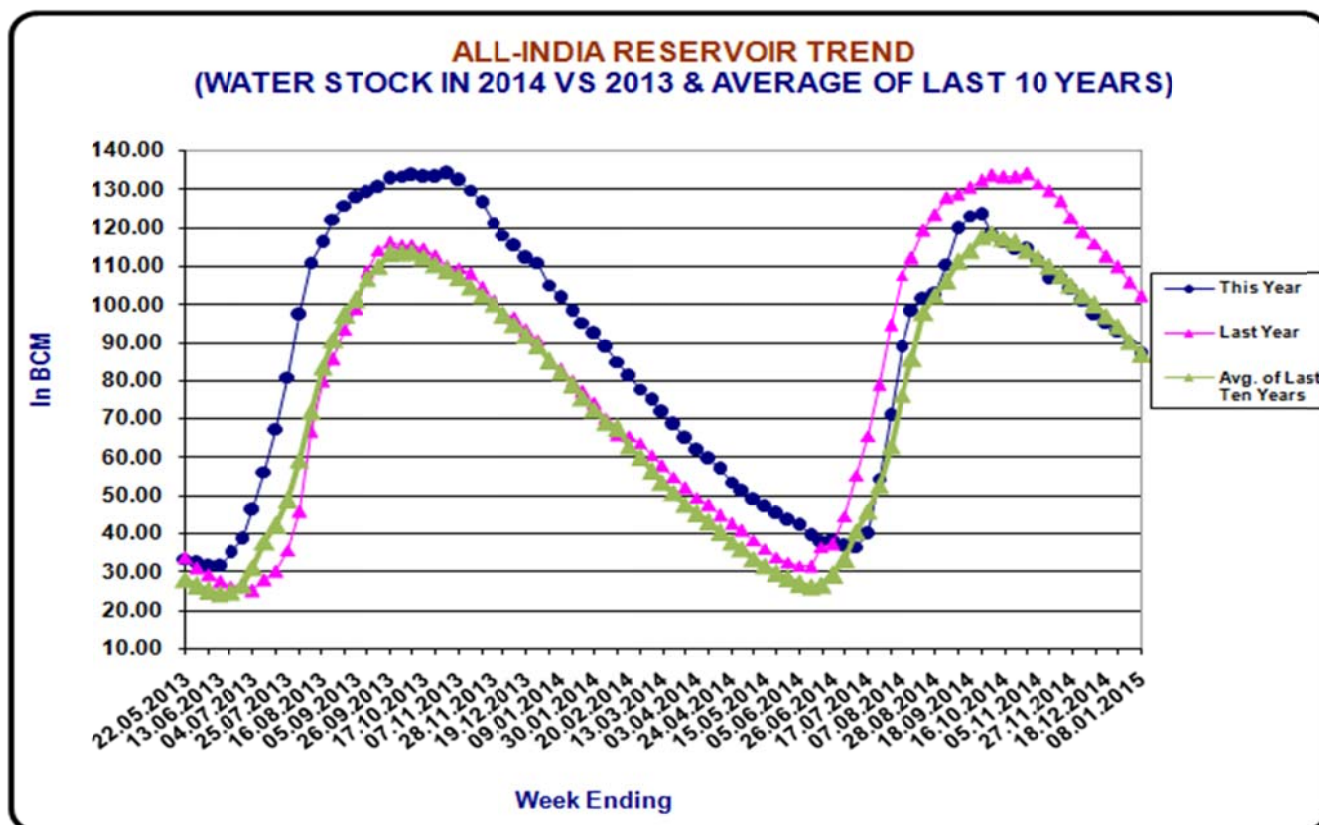
- **The Central Water Commission** monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 86.98 BCM from the previous week's level of 89.95 BCM. Current storage is **lower** than the last year's position of 102.26 BCM and the average of last 10 year's storage of 86.98 BCM.

Table – 4: For 85 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	56	85	100
Last Week	58	85	100
The percentage to live capacity at FRL was 66% on 08/01/2014, 54% on 08/01/2013, 61% on 05/01/2012 and 67 on 06/01/2011.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 155.05 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 62 reservoirs having storage more than 80%, 14 reservoirs having storage between 50% to 80% of Normal Storage, 07 reservoir having storage between 30% to 50% of Normal Storage and 02 reservoir having storage 30% or below of Normal Storage and 01 reservoir having no live storage.



Source: Central Water Commission

Fertilizer Position:

Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Rabi 2014-15 (As on 08.01.2015)

(in '000 Tonne)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>	<i>SSP</i>
<i>Opening Stock as on 01.10.2014</i>	<i>99</i>	<i>297</i>	<i>243</i>	<i>297</i>	<i>280</i>
<i>Requirement for Rabi, 2014</i>	<i>16011</i>	<i>4787</i>	<i>1541</i>	<i>5022</i>	<i>3508</i>
<i>Requirement December, 2014</i>	<i>10377</i>	<i>3701</i>	<i>937</i>	<i>3168</i>	<i>2408</i>
<i>Availability upto 08.01.2015</i>	<i>9131</i>	<i>2677</i>	<i>1024</i>	<i>2978</i>	<i>1428</i>
<i>Sales upto 08.01.2015</i>	<i>8712</i>	<i>2399</i>	<i>689</i>	<i>2401</i>	<i>1090</i>
<i>Closing Stock as on 08.01.2015</i>	<i>418</i>	<i>278</i>	<i>334</i>	<i>577</i>	<i>338</i>
<i>Requirement of January, 2015</i>	<i>2942</i>	<i>450</i>	<i>243</i>	<i>720</i>	<i>452</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.

All India Crop Situation - Rabi (2014-15) as on 09.01.2015

Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			09.01.2015	% of Normal	09.01.2014	Average as on date	Last Year
Wheat	290.44	289.38	299.33	103.1	304.25	9.9	-4.9
Rice	43.44	4.63	6.00	13.8	6.01	1.4	0.0
Jowar	41.82	39.23	31.34	74.9	35.98	-7.9	-4.6
Maize	13.20	11.16	12.70	96.2	13.01	1.5	-0.3
Barley	6.75	7.05	7.71	114.2	7.45	0.7	0.3
Total Coarse Cereals	61.77	58.05	52.60	85.2	57.17	-5.5	-4.6
Total Cereals	395.65	352.06	357.93	90.5	367.43	5.9	-9.5
Gram	84.14	86.93	81.01	96.3	95.81	-5.9	-14.8
Lentil	14.82	15.28	14.81	99.9	15.11	-0.5	-0.3
Peas	7.43	7.42	8.46	113.9	8.21	1.0	0.2
Kulthi(Horse Gram)	2.12	4.65	4.73	223.1	4.32	0.1	0.4
Urad	8.30	5.05	6.44	77.6	5.79	1.4	0.6
Moong	7.06	4.29	4.56	64.6	4.71	0.3	-0.2
Lathyrus	5.12	4.09	3.95	77.0	3.91	-0.1	0.0
Others	3.08	7.10	7.39	239.5	7.93	0.3	-0.5
Total Pulses	132.08	134.80	131.34	99.4	145.86	-3.5	-14.5
Total Foodgrains	527.73	486.86	489.27	92.7	513.29	2.4	-24.0
Rapeseed & Mustard	62.09	66.98	64.83	104.4	69.43	-2.2	-4.6
Groundnut	8.71	4.83	4.44	51.0	4.54	-0.4	-0.1
Safflower	2.57	2.00	0.92	35.8	1.72	-1.1	-0.8
Sunflower	7.27	4.76	2.61	35.9	3.77	-2.2	-1.2
Sesamum	2.47	0.49	0.71	28.8	0.62	0.2	0.1
Linseed	3.46	3.74	3.03	87.7	3.27	-0.7	-0.2
Others	0.00	0.61	0.38	#DIV/0!	0.54	-0.2	-0.2
Total Oilseeds (Nine)	86.56	83.40	76.91	88.9	83.87	-6.5	-7.0
All- Crops	614.28	570.26	566.18	92.2	597.15	-4.1	-31.0

Table - 6 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Inflation (year on year)		
		Nov., 2014	Oct., 2014	Nov., 2013
All Commodities	100	0.00	1.77	7.52
Primary Articles	20.12	-0.98	1.43	15.29
(a) Food Articles	14.34	0.63	2.70	19.69
Cereals	3.37	2.09	3.29	11.27
Rice	1.79	5.55	6.47	14.99
Wheat	1.12	-2.31	-1.92	7.01
Pulses	0.72	4.43	4.02	-9.90
Gram	0.33	-11.47	-12.30	-25.53
Arhar	0.13	8.90	9.20	3.92
Moong	0.08	16.53	14.29	18.32
Masur	0.05	23.33	24.93	6.94
Urad	0.10	23.58	26.38	2.59
Vegetables	1.74	-28.57	-19.61	97.72
Potato	0.20	34.10	82.11	34.99
Onion	0.18	-56.28	-59.77	201.15
Fruits	2.11	14.78	19.35	13.57
Milk	3.24	10.00	11.39	6.92
Egg, Meat & Fish	2.41	4.36	-2.58	12.02
(b) Non-Food Articles	4.26	-3.65	-1.41	7.45
Oilseeds	1.78	-0.68	3.42	1.58
Fuel & Power	14.91	-4.91	0.43	11.08

Procurement:

Table – 7: Progressive procurement of Rice as on 09.01.2015 (lakh tonnes)

State	Total procurement in marketing season 2012-13 (Oct. – Sept.)	Progressive Procurement as on 02.01.2015	
		In Marketing season 2013-2014	In Marketing season 2012-2013
Andhra Pradesh	0.00	37.38	65.00
Telangana	64.71	43.53	0.00
Bihar	13.03	9.42	12.49
Chhattisgarh	48.04	42.90	48.04
Haryana	26.09	24.06	26.09
Kerala	2.40	3.59	2.40
Madhya Pradesh	8.98	10.40	8.98
Maharashtra	1.92	1.61	1.92
Odisha	36.13	28.00	36.14
Punjab	85.58	81.06	85.58
Tamil Nadu	4.81	6.84	4.81
Uttar Pradesh	22.86	11.27	22.86
Uttaranchal	4.97	4.63	4.97
West Bengal	17.66	13.59	17.66
All-India	340.28	318.40	339.44

Table – 7-A: Progressive procurement of Rice as on 09.01.2015 (lakh tonnes)

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 09.01.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	6.37	16.96
Telangana	44.00	13.26	0.00
Chhattisgarh	43.0	18.66	30.46
Haryana	24.06	19.96	23.96
Kerala	4.00	0.96	0.89
Madhya Pradesh	10.14	5.55	7.53
Maharashtra	2.00	0.70	0.61
Odisha	28.22	6.09	6.99
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.04	0.55
Uttar Pradesh	11.27	6.47	4.05
Uttarakhand	4.63	2.14	1.38
West Bengal	13.59	4.20	1.80
All-India	319.00	162.43	176.36