

**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: 15.04.2015

**SUBJECT: SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP  
HELD ON 10.04.2015.**

**Summary observations of the Group on Agenda Items**

- *During the week 2<sup>nd</sup> April to 08<sup>th</sup> April, 2015, the maximum temperature anomaly ranged between -2 to 2° C over entire country except few / isolated parts of Jammu & Kashmir, Himachal Pradesh, Tamil Nadu, Uttarakhand, Punjab, Haryana & Delhi, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Rajasthan and Nagaland, Madhya Pradesh, Gujarat, Bihar, Jharkhand and Gangetic West Bengal, Rayalseema, North Interior Karnataka and Lakshadweep, many parts of Uttar Pradesh and Assam & Meghalaya. The minimum temperature anomaly during the above period ranged between -2 to 2° C over the entire country except many parts of Jammu & Kashmir, few / isolated parts of Himachal Pradesh and Madhya Maharashtra, Telangana and Andhra Pradesh.*
- *In the pre-monsoon season, cumulative weekly Rainfall for the country as a whole during the week 02<sup>nd</sup> April to 08<sup>th</sup> April, 2015 was 133% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 92% in East & North East India, 363% in North West India and lower by -64% in Central India and -33% in South Peninsula.*
- *In the pre-monsoon season, cumulative Rainfall for the country as a whole during the period 1<sup>st</sup> March to 08<sup>th</sup> April, 2015 was 103% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -4% in East & North East India and higher by 52% in South Peninsula, 186% in North West India and 195% in Central India.*
- *Out of a total of 36 met sub-divisions, 31 met sub-divisions constituting 90% of the total area of the country has received excess/normal rainfall and 05 met sub-divisions constituting 10% of the total area of the country received deficient/scanty rainfall.*
- *A fresh Western Disturbance as an upper air system would affect western Himalayan region from 15<sup>th</sup> April onwards.*

- *Rain/thundershowers would occur at a few places over northeastern states, adjoining east India and south peninsular India during the period 15<sup>th</sup> - 17<sup>th</sup> April, 2015.*
- *Central Water Commission monitors 85 major reservoirs in the country which have total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 09<sup>th</sup> April, 2015 was 50.90 BCM as against 59.49 BCM on 09.04.2014 (last year) and 45.90 BCM of normal (average storage of the last 10 years) storage. Current year's storage is 86% of the last year's storage and 111% of the normal storage.*
- *All-India progressive procurement of Rice as on 10.04.2015 for the marketing season 2014-15 was 249.31 lakh tonnes against the procurement of 247.83 lakh tonnes upto the corresponding period of last year.*

**Pre-Monsoon Season (March – May) during the week ending on 08<sup>th</sup> April, 2015**

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

- **Rainfall during the week (2<sup>nd</sup> April, 2015 to 08<sup>th</sup> April, 2015)** Rainfall was excess/normal in 19, deficient/scanty in 12 and no rain in 5 out of 36 meteorological sub-divisions. (Sub-division wise weekly rainfall distribution is given in **Annex I**).
- **Cumulative rainfall (01<sup>st</sup> March to 08<sup>th</sup> April, 2015)** Rainfall was excess/normal in 31 and deficient/scanty in 05 out of 36 meteorological sub-divisions. (The sub-division-wise seasonal rainfall distribution is given in **Annex II**).

**Table-2: Weekly and Cumulative Rainfall in four regions of the country<sup>1</sup>**

Region	Week Ending (08.04.2015)				Cumulative (01.03.15 to 08.04.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	32.9	7.1	363	E	160.3	56.1	186	E
Central India	0.8	2.3	-64	S	36.0	12.0	195	E
South Peninsular India	3.8	5.7	-33	D	27.5	18.1	52	E
East & North-East India	45.5	23.7	92	E	89.6	93.5	-4	N
Country as a whole	18.4	7.9	133	E	81.1	40.0	103	E

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

Source: India Meteorological Department, New Delhi

**Table – 3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India Percentage Rainfall Departure for the last five years since: 1<sup>st</sup> March**

No. of Sub-Divisions with rainfall	For the period from 1 <sup>st</sup> March to					
	07 APR 2010	06 APR 2011	11 APR 2012	10 APR 2013	09 APR 2014	08 APR 2015
Excess	02	04	02	05	15	27
Normal	05	03	06	05	06	04
<b>Total</b>	<b>07</b>	<b>07</b>	<b>08</b>	<b>10</b>	<b>21</b>	<b>31</b>
Deficient	03	07	11	07	09	02
Scanty	24	19	15	16	06	03
No rain	02	03	02	03	00	00
<b>Total</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>26</b>	<b>15</b>	<b>05</b>
Data Inadequate	00	00	00	00	00	00
<b>TOTAL</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>
<b>All-India % Rainfall Deviation</b>	<b>(-) 52%</b>	<b>(-) 25%</b>	<b>(-) 44%</b>	<b>(-) 54%</b>	<b>05%</b>	<b>103%</b>

Source: IMD

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-1

SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL AND MAXIMUM & MINIMUM TEMPERATURES-2015

S.No	METEOROLOGICAL SUB-DIVISIONS	RAINFALL						MAXIMUM TEMPERATURE						MINIMUM TEMPERATURE									
		2 APR	3 APR	4 APR	5 APR	6 APR	7 APR	8 APR	2 APR	3 APR	4 APR	5 APR	6 APR	7 APR	8 APR	2 APR	3 APR	4 APR	5 APR	6 APR	7 APR	8 APR	
1	A & N ISLANDS	ISOL	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
2	ARUNACHAL PRADESH	WS	WS	WS	WS	WS	FWS	SCT	MBN	N	N	ABN	N	N	N	N	N	N	N	N	N	N	
3	ASSAM & MEGHALAYA	FWS	WS	FWS	WS	WS	SCT	SCT	MBN	N	N	ABN	N	N	N	N	N	N	N	N	N	N	
4	N.M.M.&TRIPURA	FWS	WS	SCT	FWS	WS	SCT	SCT	N	N	N	ABN	N	N	N	N	N	N	N	N	N	N	
5	S.H.W.B & SIKKIM	ISOL	SCT	ISOL	SCT	ISOL	SCT	FWS	MBN	ABN	N	N	ABN	ABN	N	N	N	N	N	N	N	N	
6	GANGETIC W. BENGAL	ISOL	DRY	DRY	ISOL	SCT	WS	WS	N	AN	N	ABN	ABN	ABN	ABN	N	N	AAV	N	N	N	N	
7	ODISHA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISOL	N	AN	AAV	N	N	N	N	N	N	AAV	N	N	N	BN	
8	JHARKHAND	DRY	DRY	DRY	ISOL	ISOL	ISOL	FWS	N	N	AAV	N	ABN	N	BN	N	N	N	AAV	AN	AN	N	
9	BIHAR	ISOL	ISOL	ISOL	ISOL	SCT	DRY	ISOL	N	N	ABN	ABN	ABN	N	N	N	N	AAV	N	N	N	N	
10	EAST UTTAR PRADESH	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	N	N	ABN	ABN	ABN	ABN	N	N	N	AN	N	BN	N	N	
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	DRY	ISOL	ISOL	N	ABV	MBN	ABN	ABN	N	ABN	N	N	N	N	BN	N	N	
12	UTTARAKHAND	SCT	FWS	FWS	FWS	SCT	DRY	SCT	N	ABV	MBN	ABN	ABN	MBN	N	N	N	N	BN	N	N	N	
13	HAR.CHD. & DELHI	ISOL	WS	WS	ISOL	DRY	SCT	SCT	N	ABV	MBN	ABN	ABN	ABN	ABN	N	N	N	N	BN	N	N	
14	PUNJAB	ISOL	ISOL	ISOL	ISOL	DRY	FWS	WS	N	ABV	MBN	ABN	ABN	MBN	ABN	N	N	N	N	BN	N	BN	
15	HIMACHAL PRADESH	WS	WS	WS	WS	ISOL	SCT	WS	BN	BN	MBN	ABN	ABN	MBN	ABN	N	N	BN	BN	N	N	N	
16	JAMMU & KASHMIR	WS	WS	WS	WS	ISOL	SCT	WS	MBN	ABV	BN	BN	BN	N	N	N	N	BN	N	N	AN	N	
17	WEST RAJASTHAN	DRY	SCT	SCT	ISOL	DRY	SCT	DRY	N	ABV	MBN	ABN	ABN	ABN	N	N	N	AAV	N	N	N	N	
18	EAST RAJASTHAN	DRY	ISOL	SCT	ISOL	ISOL	ISOL	ISOL	N	N	ABN	ABN	ABN	ABN	N	N	N	AAV	AN	N	N	N	
19	WEST M.PRADESH	DRY	DRY	DRY	ISOL	DRY	ISOL	ISOL	N	N	ABN	ABN	ABN	ABN	N	N	N	N	N	N	N	N	
20	EAST M.PRADESH	DRY	DRY	DRY	ISOL	DRY	ISOL	ISOL	N	N	N	ABN	ABN	ABN	N	N	N	N	N	N	N	N	
21	GUJ.REG. D.D & N.H	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	N	ABN	N	N	N	N	AAV	AAV	AAV	AAV	N	AN
22	SAURASTRA K & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	N	ABN	N	N	N	N	AAV	AAV	AAV	AAV	N	AN
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	BN	N	N	ABN	N	N
24	M. MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	BN	N	N	BN	N	N
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	BN	N	N	N	N	N
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	N	N	N	N	BN	N	N	N	N	N
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	AN	N	N	BN	N	N	N	N	N	N	N	N	N	N
28	COASTAL A.PRADESH	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	N	N	AAV	N	N	N	N	N	N	N	N	AAV	AAV	N	N
29	TELANGANA	ISOL	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
30	RAYALASEEMA	DRY	ISOL	ISOL	DRY	DRY	ISOL	DRY	N	N	AAV	AN	N	AAV	N	N	N	N	AN	N	N	N	N
31	TAMIL. & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	DRY	DRY	ISOL	N	AN	AAV	AN	N	N	N	N	N	N	N	N	AN	N	N
32	COASTAL KARNATAKA	ISOL	DRY	DRY	DRY	DRY	ISOL	DRY	N	N	N	N	N	N	N	N	N	N	N	N	ABN	N	N
33	N. I. KARNATAKA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
34	S. I. KARNATAKA	ISOL	ISOL	ISOL	DRY	ISOL	ISOL	ISOL	N	N	N	N	AN	N	N	N	N	N	N	N	N	N	N
35	KERALA	WS	ISOL	FWS	ISOL	ISOL	SCT	SCT	N	N	N	N	AN	N	N	N	N	N	N	N	N	AN	AN
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	SCT	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL

WS	WIDESPREAD/ MOST PLACES	FWS	FAIRLY WIDESPREAD/ MANY PLACES	SCT	SCATTERED/FEW PLACES	ISOL	ISOLATED	DRY	DRY/MAINLY DRY
RAINFALL ACTIVITY		+	ACTIVE	**	VIGOROUS				

LEGENDS FOR TEMPERATURE

N	NORMAL (N,N+1,N-1) <sup>0</sup> C	BN	BELOW NORMAL (N-2) <sup>0</sup> C	ABN	APRECIABLY BELOW NORMAL (N-3, -4) <sup>0</sup> C	MBN	MARKEDLY BELOW NORMAL (N-5 AND BELOW ) <sup>0</sup> C
		AN	ABOVE NORMAL (N+2) <sup>0</sup> C	AAN	APRECIABLY ABOVE NORMAL (N+3,+4) <sup>0</sup> C	MAN	MARKEDLY ABOVE NORMAL (N+5 AND ABOVE ) <sup>0</sup> C
+	Cold/Heat wave conditions			**	Severe Cold/ Heat wave conditions		

## Reservoir Status (For the week ending on 09.04.2015)

- **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 50.90 BCM from the previous week's level of 54.96 BCM. Current storage is **lower** than the last year's position of 59.49 BCM and more than the average of last 10 year's storage of 45.90 BCM.

**Table – 4: For 85 major reservoirs of the country**

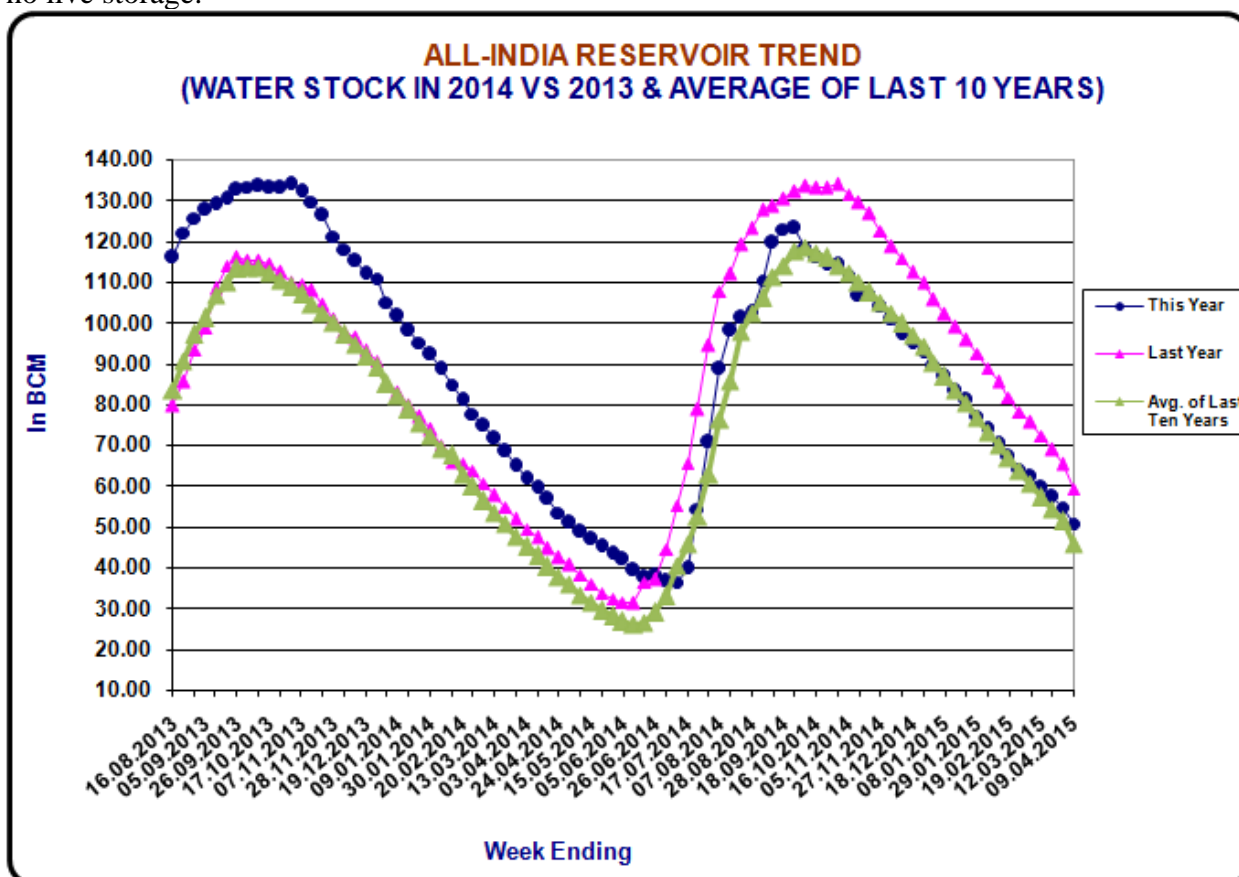
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	33	86	111
Last Week	35	84	107

The percentage to live capacity at FRL was 38% on 09/04/2014, 30% on 26/03/2013, 35% on 22/03/2012 and 41 on 24/03/2011.

\* *Live storage as % to Full Reservoir Level (FRL) of 155.05 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 55 reservoirs having storage more than 80%, 19 reservoirs having storage between 50% to 80% of Normal Storage, 06 reservoir having storage between 30% to 50% of Normal Storage and 05 reservoir having storage 30% or below of Normal Storage and 02 reservoir having no live storage.



Source: Central Water Commission

\* *The State wise details (reservoir position) are given in the Annex III.*

### ***Fertilizer Position:***

***Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Kharif 2015 (As on 09.04.2015)***

*(in '000 Tonnes)*

<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 01.04.2015</i>	<i>130</i>	<i>224</i>	<i>289</i>	<i>407</i>	<i>256</i>
<i>Requirement for Kharif, 2015</i>	<i>15415</i>	<i>5093</i>	<i>1831</i>	<i>5273</i>	<i>3311</i>
<i>Requirement upto April, 2015</i>	<i>1999</i>	<i>684</i>	<i>181</i>	<i>560</i>	<i>535</i>
<i>Availability upto 09.04.2015</i>	<i>417</i>	<i>260</i>	<i>292</i>	<i>476</i>	<i>284</i>
<i>Sales upto 09.04.2015</i>	<i>59</i>	<i>5</i>	<i>1</i>	<i>5</i>	<i>7</i>
<i>Closing Stock as on 09.04.2015</i>	<i>358</i>	<i>255</i>	<i>291</i>	<i>471</i>	<i>277</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)

Crop Name	Normal Area	Area sown reported (In lakh hectares)			
		2nd Adv. Est. (2014-15)	% of Normal	Final Est. (2013-14)	Difference
Wheat	290.44	302.21	104.1	305.49	-3.3
Rice	43.44	40.90	94.1	46.87	-6.0
Jowar	41.82	31.23	74.7	35.16	-3.9
Maize	13.20	14.32	108.5	17.57	-3.3
Barley	6.75	7.09	105.1	6.74	0.4
<b>Total Coarse Cereals</b>	<b>61.77</b>	<b>52.65</b>	<b>85.2</b>	<b>59.46</b>	<b>-6.8</b>
<b>Total Cereals</b>	<b>395.65</b>	<b>395.75</b>	<b>100.0</b>	<b>411.82</b>	<b>-16.1</b>
Gram	84.14	83.52	99.3	99.27	-15.8
Urad	8.30	8.05	97.0	7.16	0.9
Moong	7.06	5.99	84.9	10.45	-4.5
<b>Total Pulses</b>	<b>132.08</b>	<b>132.03</b>	<b>100.0</b>	<b>148.84</b>	<b>-16.8</b>
<b>Total Foodgrains</b>	<b>527.73</b>	<b>528.01</b>	<b>100.1</b>	<b>560.66</b>	<b>-32.6</b>
Rapeseed & Mustard	62.09	62.01	99.9	66.46	-4.5
Groundnut	8.71	8.36	96.0	8.60	-0.2
Safflower	2.57	1.00	38.7	1.78	-0.8
Sunflower	7.27	3.59	49.3	4.23	-0.6
Linseed	3.46	2.95	85.2	2.93	0.0
<b>Total Oilseeds (Nine)</b>	<b>86.56</b>	<b>77.89</b>	<b>90.0</b>	<b>84.00</b>	<b>-6.1</b>
<b>All- Crops</b>	<b>614.28</b>	<b>605.91</b>	<b>98.6</b>	<b>644.66</b>	<b>-38.8</b>

Source: AS Divisions, DES

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

Period / commodities	Weight	Inflation (year on year)		
		Feb., 2015	Jan., 2015	Feb., 2014
<b>All Commodities</b>	<b>100</b>	<b>-2.06</b>	<b>-0.39</b>	<b>5.03</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>1.43</b>	<b>3.27</b>	<b>6.28</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>7.74</b>	<b>8.00</b>	<b>7.94</b>
<b>Cereals</b>	<b>3.37</b>	<b>1.39</b>	<b>1.65</b>	<b>9.22</b>
Rice	1.79	3.80	4.00	13.65
Wheat	1.12	-2.40	-1.63	6.61
<b>Pulses</b>	<b>0.72</b>	<b>14.59</b>	<b>12.34</b>	<b>-5.68</b>
Gram	0.33	3.47	-2.36	-21.46
Arhar	0.13	17.07	12.36	7.35
Moong	0.08	23.88	30.58	13.08
Masur	0.05	26.49	27.07	15.18
Urad	0.10	25.28	26.67	7.48
<b>Vegetables</b>	<b>1.74</b>	<b>15.54</b>	<b>19.74</b>	<b>2.38</b>
Potato	0.20	-3.56	2.11	7.74
Onion	0.18	26.58	-1.90	-27.50
Fruits	2.11	16.84	17.19	9.92
Milk	3.24	7.33	9.13	8.78
Egg, Meat & Fish	2.41	1.27	-1.51	9.66
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>-5.55</b>	<b>-4.07</b>	<b>5.46</b>
<b>Oilseeds</b>	<b>1.78</b>	<b>0.05</b>	<b>0.89</b>	<b>-0.64</b>
Fuel & Power	14.91	-14.72	-10.69	-14.72



## Procurement:

Table – 7: Progressive procurement of Rice as on 10.04.2015 (lakh tonnes)

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 10.04.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	17.90	36.64
Telangana	44.00	16.08	0.00
Chhattisgarh	43.0	33.55	42.85
Haryana	24.06	20.01	24.05
Kerala	4.00	2.46	2.47
Madhya Pradesh	10.14	8.07	10.40
Maharashtra	2.00	1.36	1.29
Odisha	28.22	26.63	18.92
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.06	0.59
Uttar Pradesh	11.27	15.42	10.75
Uttarakhand	4.63	4.29	3.82
West Bengal	13.59	12.58	7.82
All-India	319.00	249.31	247.83