

**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: 25.02.2015

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 20.02.2015.**

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

- *In the winter season, cumulative Rainfall for the country as a whole during the period 1<sup>st</sup> January to 18<sup>th</sup> February, 2015 is -21% lower than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -27% in North West India, -56% in East & North East India, -40% in South Peninsula and higher by 63% in Central India.*
- *Out of a total of 36 met sub-divisions, 17 met sub-divisions constituting 49% of the total area of the country have received excess/normal rainfall and 19 met sub-divisions constituting 51% of the total area of the country have received deficient/scanty 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 19<sup>th</sup> February, 2015 was 67.39 BCM as against 81.80 BCM on 19.02.2014 (last year) and 66.99 BCM of normal storage (average storage of the last 10 years). Current year's storage is 82% of the last year's and 101% of the normal storage.*
- *As per latest information available on sowing of crops, around 100.2% of the normal area under rabi crops have been sown upto 13.02.2015. Area sown under all rabi crops taken together has been reported to be 615.74 lakh hectares at All India level as compared to 656.89 lakh hectares the corresponding period of last year.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of January, 2015, decreased to -0.39% from the level of 0.11 in the month of December, 2014. The inflation rate was 5.11% 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 January, 2015, increased to 3.27% from the level of 2.17% in the month of December, 2014. The inflation rate was 6.80% during the corresponding period of last year.*
- *The inflation for non-food items has decreased to -4.07% from the previous month's level of -3.06% and for the food items has increased to 8.00% from the previous month's level of 5.20%.*
- *Among the foodgrains, Rice has decreased to 4.00% from the previous month's level of 4.43%. The inflation for Cereals has increased to 1.65% from the previous month's level of 1.26%, Wheat to -1.63% from the previous month's level of -2.46% and Pulses has to 12.34% from the previous month's level of 5.88%.*
- *All-India progressive procurement of Rice as on 20.02.2015 for the marketing season 2014-15 was 209.12 lakh tonnes against the procurement of 228.74 lakh tonnes upto the corresponding period of last year.*

## Winter Season (Jan. – Feb.) during the week ending on 18<sup>th</sup> February), 2015

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

- **Rainfall during the week (12<sup>th</sup> January, 2015 to 18<sup>th</sup> February, 2015)** Rainfall was normal in 02, deficient/scanty in 19 and no rain in 15 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> January to 18<sup>th</sup> February, 2015)** Rainfall was excess/normal in 17 and deficient/scanty in 19 out of 36 meteorological sub-divisions.

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

Region	Week Ending (18.02.2015)				Cumulative (01.01.15 to 18.02.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	4.5	11.1	-59	D	43.8	60.3	-27	D
Central India	1.0	2.1	-50	D	21.4	13.1	63	E
South Peninsular India	0.2	1.7	-88	S	7.0	11.5	-40	D
East & North-East India	2.7	7.3	-62	S	18.1	40.7	-56	D
Country as a whole	2.2	5.6	-60	S	24.9	31.7	-21	D

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 % Rainfall Departure for the last five years since : 1<sup>st</sup> January**

No. of Sub-Divisions with rainfall	For the period from 1 <sup>st</sup> January to					
	17 FEB 2010	16 FEB 2011	15 FEB 2012	20 FEB 2013	19 FEB 2014	18 FEB 2015
Excess	09	06	08	23	11	13
Normal	04	01	08	05	08	04
<b>Total</b>	<b>13</b>	<b>07</b>	<b>16</b>	<b>28</b>	<b>19</b>	<b>17</b>
Deficient	08	05	06	05	06	12
Scanty	15	19	11	03	09	07
No rain	00	05	03	00	02	00
<b>Total</b>	<b>23</b>	<b>29</b>	<b>20</b>	<b>08</b>	<b>17</b>	<b>19</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>(-) 33%</b>	<b>(-) 28%</b>	<b>18%</b>	<b>19%</b>	<b>6%</b>	<b>(-) 21%</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

METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL & MINIMUM TEMPERATURE-2015															
SR.No	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE						
		12 FEB	13 FEB	14 FEB	15 FEB	16 FEB	17 FEB	18 FEB	12 FEB	13 FEB	14 FEB	15 FEB	16 FEB	17 FEB	18 FEB
1	ANDAMAN & NICOBAR ISLANDS	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	BN	N
2	ARUNACHAL PRADESH	DRY	SCT	SCT	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
3	ASSAM & MEGHALAYA	DRY	ISOL	ISOL	DRY	DRY	DRY	ISOL	N	N	N	N	BN	N	N
4	NAGA,MANI,MIZO,TRIPURA	DRY	DRY	ISOL	DRY	ISOL	DRY	DRY	N	N	N	N	BN	BN	N
5	SUB-HIMA.WEST BEN. & SIKKIM	DRY	ISOL	DRY	ISOL	DRY	DRY	ISOL	N	N	N	N	N	N	N
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	ISOL	DRY	ISOL	N	N	N	N	N	N	AN
7	ODISHA	ISOL	SCT	ISOL	DRY	ISOL	ISOL	ISOL	N	N	N	N	N	N	AN
8	JHARKHAND	ISOL	ISOL	DRY	DRY	ISOL	DRY	DRY	N	N	N	BN	N	AN	N
9	BIHAR	ISOL	ISOL	DRY	DRY	ISOL	DRY	ISOL	N	N	N	N	N	N	AN
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	AN	N	AN
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AN	AN	AN
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	AN	AN	AN
13	HARYANA CHAND. & DELHI	DRY	DRY	DRY	DRY	DRY	ISOL	DRY	N	N	N	N	AN	AN	AN
14	PUNJAB	DRY	DRY	DRY	DRY	FWS	ISOL	DRY	BN	N	N	N	AN	AN	AN
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	WS	WS	SCT	N	N	N	N	AN	AN	N
16	JAMMU & KASHMIR	DRY	DRY	DRY	DRY	WS	WS	SCT	N	N	AAN	AN	AN	AN	AN
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	AAN	AAN	AN	AN	AN
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	AAN	AAN	AN	AN	AN
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AN	AN	AN
20	EAST MADHYA PRADESH	SCT	ISOL	DRY	DRY	DRY	DRY	DRY	N	ISOL	N	N	AN	N	AN
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	AN	AN	AN
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	AN	AN	AN
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	BN	N	N	N
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
26	VIDARBHA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY	N	ISOL	N	N	N	N	N
27	CHHATTISGARH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
28	COASTAL ANDHRA PRADESH	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
30	RAYALASEEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
31	TAMILNADU & PUDUCHERRY	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	N	N	N	N	N	N	BN
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
35	KERALA	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY	N	N	N	N	N	N	N
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL:					
WS	WIDE SPREAD / MOST PLACES (75-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51-75%)	SCT	SCATTERED / FEW PLACES (25-50%)
DRY	NO STATION REPORTED RAINFALL	RAINFALL ACTIVITY		*	ACTIVE (R/F 1 <sup>st</sup> - 4 times the normal)
				**	VIOROUS (R/F More than 4 times)

LEGENDS FOR TEMPERATURE:					
N	NORMAL (N-1,N+1)°C	BN	BELOW NORMAL (N-2)°C	ABN	APRECIABLY BELOW NORMAL (N-3,-4)°C
AN	ABOVE NORMAL (N+2)°C	AAN	APRECIABLY ABOVE NORMAL (N+3,+4)°C	MAN	MARKEDLY ABOVE NORMAL (N+3 AND ABOVE) °C

*	Cold wave conditions (Departure from Normal is) -4°C to -3°C and -3°C to -2°C	**	Severe Cold wave conditions (Departure from Normal is) -6°C or less and -7°C or less
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## Reservoir Status (For the week ending on 19.02.2015)

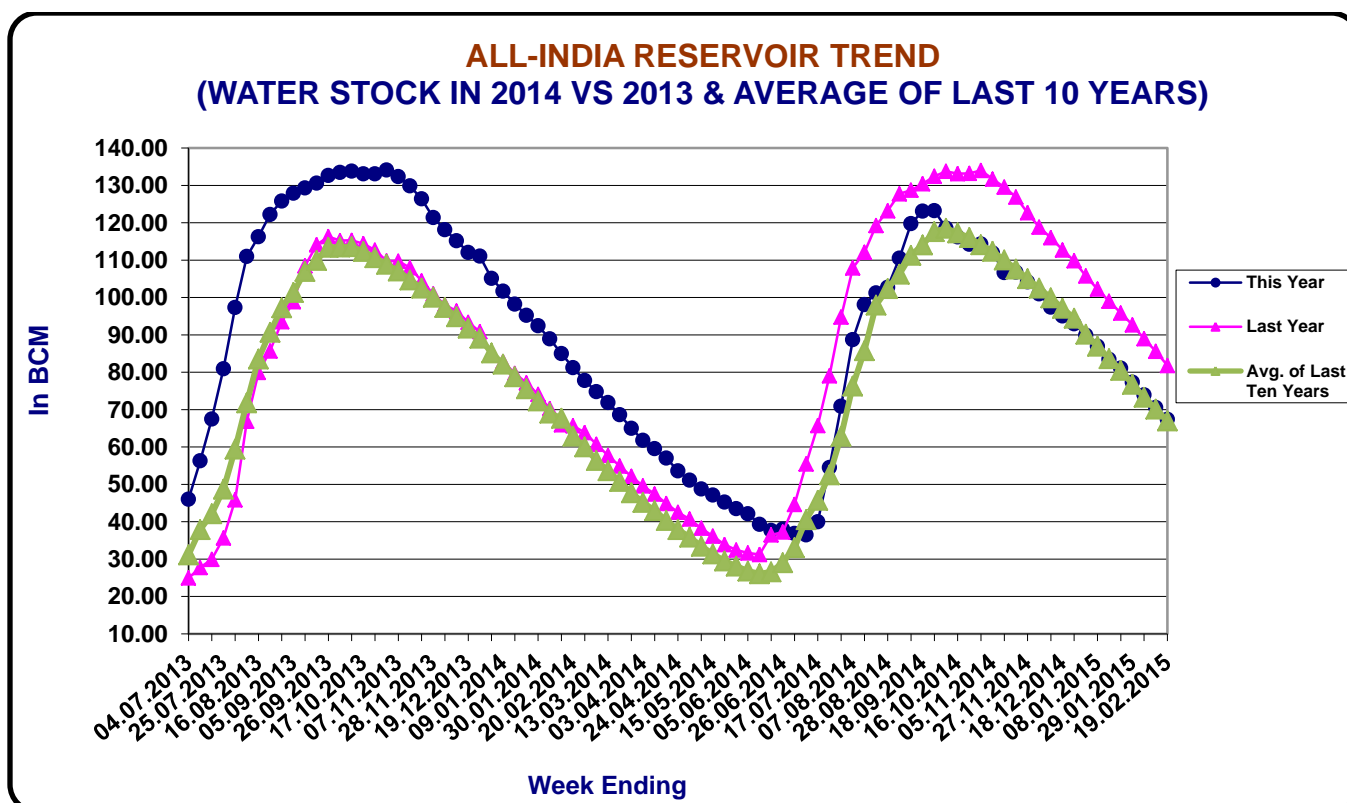
- **The Central Water Commission** monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 67.39 BCM from the previous week's level of 70.83 BCM. Current storage is **lower** than the last year's position of 81.80 BCM and more than the average of last 10 year's storage of 66.99 BCM.

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

<u>Period</u>	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	43	82	101
Last Week	46	83	101
The percentage to live capacity at FRL was 53% on 19/02/2014, 43% on 19/02/2013, 47% on 16/02/2012 and 53 on 17/02/2011.			
* Live storage as % to Full Reservoir Level (FRL) of 155.05 <i>Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 59 reservoirs having storage more than 80%, 18 reservoirs having storage between 50% to 80% of Normal Storage, 05 reservoir having storage between 30% to 50% of Normal Storage and 03 reservoir having storage 30% or below of Normal Storage and 01 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 Rabi 2014-15 (As on 20.02.2015)***

*(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 upto January, 2015</i>	<i>13319</i>	<i>4150</i>	<i>1180</i>	<i>3168</i>	<i>2860</i>
<i>Availability upto 20.02.2015</i>	<i>13214</i>	<i>3279</i>	<i>1374</i>	<i>4131</i>	<i>1885</i>
<i>Sales upto 20.02.2015</i>	<i>12702</i>	<i>2745</i>	<i>909</i>	<i>3143</i>	<i>1485</i>
<i>Closing Stock as on 20.02.2015</i>	<i>513</i>	<i>534</i>	<i>465</i>	<i>988</i>	<i>400</i>
<i>Requirement of February, 2015</i>	<i>1671</i>	<i>331</i>	<i>194</i>	<i>579</i>	<i>347</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 Final (2014-15) as on 13.02.2015

Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			13.02.2015	% of Normal	13.02.2014	Average as on date	Last Year
Wheat	290.44	298.52	306.35	105.5	315.32	7.8	-9.0
Rice	43.44	27.35	24.81	57.1	29.09	-2.5	-4.3
Jowar	41.82	39.59	33.89	81.0	36.32	-5.7	-2.4
Maize	13.20	13.11	15.37	116.4	15.54	2.3	-0.2
Barley	6.75	7.10	7.34	108.7	7.47	0.2	-0.1
<b>Total Coarse Cereals</b>	<b>61.77</b>	<b>60.54</b>	<b>57.74</b>	<b>93.5</b>	<b>60.08</b>	<b>-2.8</b>	<b>-2.3</b>
<b>Total Cereals</b>	<b>395.65</b>	<b>386.41</b>	<b>388.90</b>	<b>98.3</b>	<b>404.49</b>	<b>2.5</b>	<b>-15.6</b>
Gram	84.14	91.34	85.91	102.1	102.25	-5.4	-16.3
Lentil	14.82	15.59	15.38	103.8	15.52	-0.2	-0.1
Peas	7.43	7.95	8.72	117.4	8.46	0.8	0.3
Kulthi(Horse Gram)	2.12	4.78	5.12	241.5	4.76	0.3	0.4
Urad	8.30	6.15	9.03	108.8	8.49	2.9	0.5
Moong	7.06	5.91	8.24	116.7	7.85	2.3	0.4
Lathyrus	5.12	4.27	4.05	79.1	4.09	-0.2	0.0
Others	3.08	9.43	9.47	307.2	10.79	0.0	-1.3
<b>Total Pulses</b>	<b>132.08</b>	<b>145.41</b>	<b>145.92</b>	<b>110.5</b>	<b>162.21</b>	<b>0.5</b>	<b>-16.3</b>
<b>Total Foodgrains</b>	<b>527.73</b>	<b>531.82</b>	<b>534.82</b>	<b>101.3</b>	<b>566.70</b>	<b>3.0</b>	<b>-31.9</b>
Rapeseed & Mustard	62.09	68.19	65.17	105.0	71.26	-3.0	-6.1
Groundnut	8.71	8.21	6.74	77.4	7.92	-1.5	-1.2
Safflower	2.57	2.03	0.95	36.8	1.78	-1.1	-0.8
Sunflower	7.27	5.45	3.03	41.7	4.22	-2.4	-1.2
Sesamum	2.47	0.64	1.26	51.1	0.96	0.6	0.3
Linseed	3.46	3.99	3.21	92.9	3.55	-0.8	-0.3
Others	0.00	0.78	0.56	#DIV/0!	0.52	-0.2	0.0
<b>Total Oilseeds (Nine)</b>	<b>86.56</b>	<b>89.29</b>	<b>80.92</b>	<b>93.5</b>	<b>90.20</b>	<b>-8.4</b>	<b>-9.3</b>
<b>All- Crops</b>	<b>614.28</b>	<b>621.11</b>	<b>615.74</b>	<b>100.2</b>	<b>656.89</b>	<b>-5.4</b>	<b>-41.2</b>

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

Period / commodities	Weight	Inflation (year on year)		
		Jan., 2015	Dec., 2014	Jan., 2014
<b>All Commodities</b>	<b>100</b>	<b>-0.39</b>	<b>0.11</b>	<b>5.11</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>3.27</b>	<b>2.17</b>	<b>6.80</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>8.00</b>	<b>5.20</b>	<b>8.85</b>
<b>Cereals</b>	<b>3.37</b>	<b>1.65</b>	<b>1.26</b>	<b>9.27</b>
Rice	1.79	4.00	4.43	13.41
Wheat	1.12	-1.63	-2.46	6.79
<b>Pulses</b>	<b>0.72</b>	<b>12.34</b>	<b>5.88</b>	<b>-7.12</b>
Gram	0.33	-2.36	-8.67	-22.71
Arhar	0.13	12.36	7.09	8.72
Moong	0.08	30.58	21.74	10.89
Masur	0.05	27.07	22.33	12.39
Urad	0.10	26.67	20.98	7.37
<b>Vegetables</b>	<b>1.74</b>	<b>19.74</b>	<b>-4.78</b>	<b>13.51</b>
Potato	0.20	2.11	13.76	16.00
Onion	0.18	-1.90	-18.54	0.47
Fruits	2.11	17.19	17.87	6.58
Milk	3.24	9.13	9.72	7.22
Egg, Meat & Fish	2.41	-1.51	0.68	12.12
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>-4.07</b>	<b>-3.06</b>	<b>4.59</b>
<b>Oilseeds</b>	<b>1.78</b>	<b>0.89</b>	<b>-0.49</b>	<b>-2.60</b>
Fuel & Power	14.91	-10.69	-7.82	-10.69

**Procurement:****Table – 7: Progressive procurement of Rice as on 20.02.2015 (lakh tonnes)**

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 20.02.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
<b>Andhra Pradesh</b>	<b>37.38</b>	<b>12.48</b>	<b>28.64</b>
<b>Telangana</b>	<b>44.00</b>	<b>15.18</b>	<b>0.00</b>
<b>Chhattisgarh</b>	<b>43.0</b>	<b>33.54</b>	<b>53.35</b>
<b>Haryana</b>	<b>24.06</b>	<b>19.96</b>	<b>24.03</b>
<b>Kerala</b>	<b>4.00</b>	<b>1.17</b>	<b>1.14</b>
<b>Madhya Pradesh</b>	<b>10.14</b>	<b>8.00</b>	<b>10.40</b>
<b>Maharashtra</b>	<b>2.00</b>	<b>1.12</b>	<b>1.05</b>
<b>Odisha</b>	<b>28.22</b>	<b>8.51</b>	<b>8.80</b>
<b>Punjab</b>	<b>81.06</b>	<b>77.81</b>	<b>81.06</b>
<b>Tamil Nadu</b>	<b>7.00</b>	<b>0.04</b>	<b>0.55</b>
<b>Uttar Pradesh</b>	<b>11.27</b>	<b>13.92</b>	<b>8.72</b>
<b>Uttarakhand</b>	<b>4.63</b>	<b>4.29</b>	<b>2.83</b>
<b>West Bengal</b>	<b>13.59</b>	<b>8.80</b>	<b>5.42</b>
<b>All-India</b>	<b>319.00</b>	<b>209.12</b>	<b>228.74</b>