

**F.NO. 3-1/2011-NCFC – E&S  
GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE  
DEPARTMENT OF AGRICULTURE & COOPERATION  
(NATIONAL CROP FORECASTING CENTRE)**

Room No. 344-A, Krishi Bhawan  
New Delhi, Dated: 08<sup>th</sup> August, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
29.07.2011.**

*Summary observations of the Group on Agenda Item*

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> June to 27<sup>th</sup> July, 2011 was 399.1 mm which is 4% less than the L.P.A. Rainfall received (% departure from normal ) in the four broad divisions of the country during the above period is (1%) in North-West India, (2%) in Central India, (-3%) in South Peninsula and (-15%) in East & North-East India.*
- *Out of 36 met sub-divisions 28 met sub-divisions received excess/normal rainfall and 08 received deficient rainfall.*
- *In 81 major reservoirs monitored by CWC in different parts of the country, total live storage has increased from 52.52 BCM on 21.07.2011 to 66.13 BCM on 28.07.2011.*
- *As per latest information available on sowing of crops, around 72% of the normal area under kharif crops have been sown upto 29.07.2011. Area sown under all kharif crops taken together has been reported to be 751.75 lakh hectares at All India level as compared to 749.53 lakh hectares in the corresponding period of 2010.*
- *Area reported was higher by 10.1 lakh ha. under Rice, 1.9 lakh ha. under Urad, 12.5 lakh ha. under Soyabean, 3.4 lakh ha. under Sesamum, 4.1 lakh ha. under Cotton and 2.8 lakh ha. under Sugarcane. Area coverage was lower by 9.1 lakh ha. under Bajra, 4.6 lakh ha. under Maize, 4.5 lakh ha. under Tur, 2.4 lakh ha. under Moong and 8.6 lakh ha. under Groundnut.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 16.07.2011 decreased to 10.49% from the previous week's level of 11.13%. The inflation rate was 19.23% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 1.80% from the previous week's level of 1.32%, Cereals to 4.82% from the previous week's level of 4.77%; Wheat has decreased to 1.84% from the previous week's level of 2.40% and Pulses to -8.01% from the previous week's level of -7.67%.*

- *The inflation for non-food items has increased to 16.05% from the previous week's level of 15.50% and for the food items has decreased to 7.33% from the previous week's level of 7.58%.*
- *All-India progressive procurement of Wheat as on 01.08.2011 was 281.44 lakh tonnes which is higher than the procurement of 224.62 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 01.08.2011 was 325.99 lakh tonnes which is higher than the procurement of 301.60 lakh tonnes upto the corresponding period of last year.*

## 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 27<sup>th</sup> July, 2011

- **Widespread rainfall** occurred over Konkan & Goa, Coastal Karnataka and Kerala for most days; over Andaman & Nicobar Islands, West Madhya Pradesh and Lakshadweep for many days; over Vidarbha and Chhattisgarh for a few days and over Arunachal Pradesh, West Bengal & Sikkim, Orissa, Jharkhand, Uttarakhand, East Madhya Pradesh, Marathawada and Rayalaseema for one or two days of the week.
- **Fairly widespread rainfall** occurred over Andaman & Nicobar Islands, Uttarakhand, East Rajasthan and Coastal Andhra Pradesh for a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, Uttar Pradesh, Himachal Pradesh, Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathawada, Vidarbha, Telangana Rayalaseema, Karnataka and Kerala for one or two days of the week.
- **Scattered rainfall** occurred over Himachal Pradesh, Madhya Maharashtra and Telangana for many days; over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Orissa, Jammu & Kashmir, Gujarat region and South Interior Karnataka for a few days and over Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, East Madhya Pradesh, Saurashtra & Kutch, Marathawada, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, Rayalaseema, Tamil Nadu & Puducherry and Lakshadweep for one or two days of the week.
- **Isolated rainfall** occurred over Tamil Nadu & Puducherry for most days; over Gangetic West Bengal, Bihar, West Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, West Rajasthan, Gujarat region for many days; over East Uttar Pradesh, East Rajasthan, Rayalaseema and East Madhya Pradesh for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Orissa, West Madhya Pradesh, Saurashtra & Kutch, Marathawada, Telangana, Karnataka and Lakshadweep for one or two days of the week.
- Weather was **dry** over the rest region of the country.
- Rainfall during the week was excess / normal in 10 and deficient / scanty in 26 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 27<sup>th</sup> July, 2011)** was excess / normal in 28 met sub-divisions and deficient / scanty in 08 met sub-divisions out of 36 met sub-division.

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

Region	Week Ending (27.07.2011)				Cumulative (01.06.11 to 27.07.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	35.6	54.3	-35	D	261.7	258.0	1	N
Central India	68.1	74.1	-8	N	451.2	444.0	2	N
South Peninsular India	45.8	53.4	-14	N	340.2	350.5	-3	N
East & North-East India	56.4	95.3	-41	D	626.8	736.0	-15	N
Country as a whole	51.8	67.3	-23	D	399.1	415.0	-4	N

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

Source: India Meteorological Department, New Delhi

### ***Weather Outlook / Forecast for the period 28<sup>th</sup> July - 03<sup>rd</sup> August, 2011 by IMD***

#### **Outlook for the Week Ending 03<sup>rd</sup> August, 2011**

- *Fairly widespread rainfall would occur over west coast, Uttar Pradesh, east and northeastern States and south peninsular India.*
- *Scattered rainfall would occur over remaining parts of the country.*

#### **Warning:**

- *Heavy to very heavy rainfall would occur at a few places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar and Sub-Himalayan West Bengal & Sikkim during next 48 hours.*
- *Isolated heavy rainfall would occur Assam & Meghalaya, Arunachal Pradesh, Konkan & Goa, Coastal Karnataka and Andaman & Nicobar Islands during next 48 hours.*

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

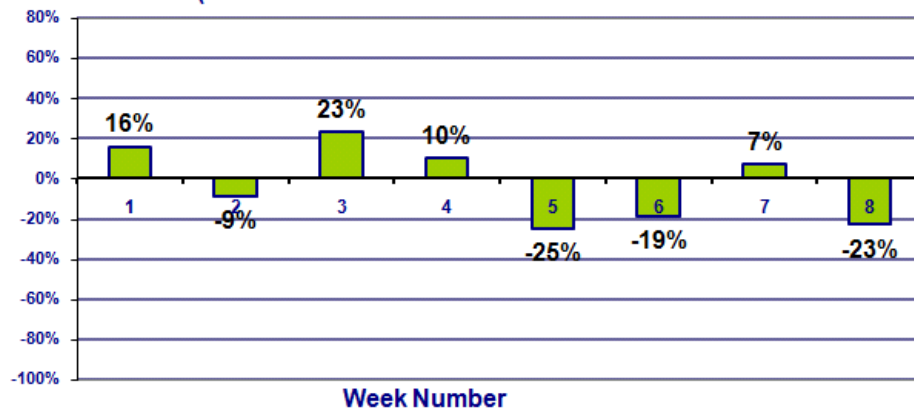
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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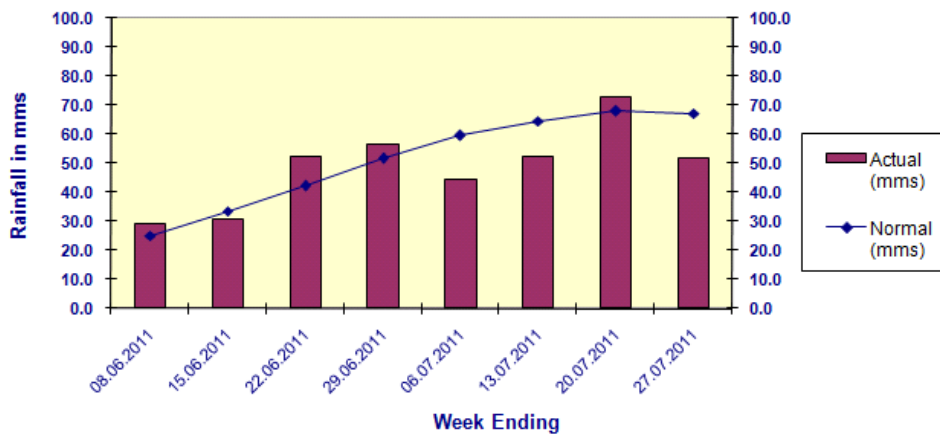
### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2011 - from 01.06.2011 to 27.07.2011)



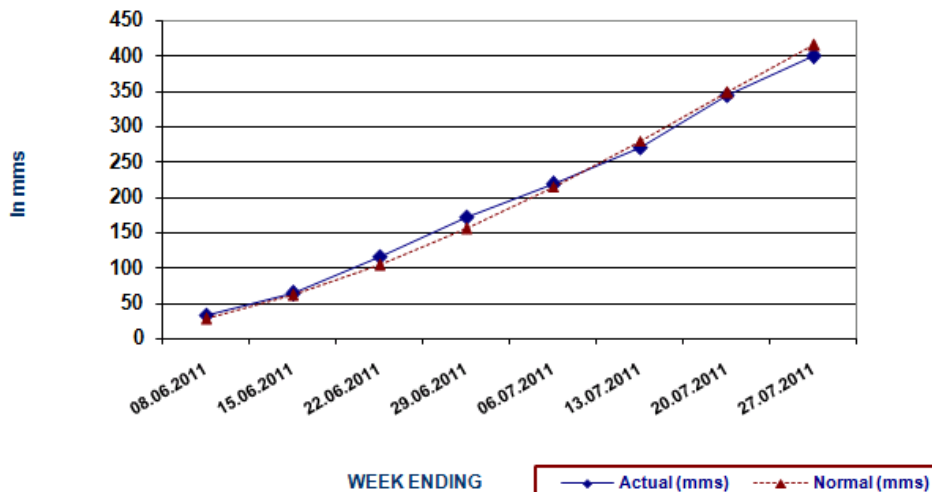
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### Weekly Rainfall Distribution in Monsoon 2011 - All India



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### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2011



## Reservoir Status (For the week ending on 28.07.2011)

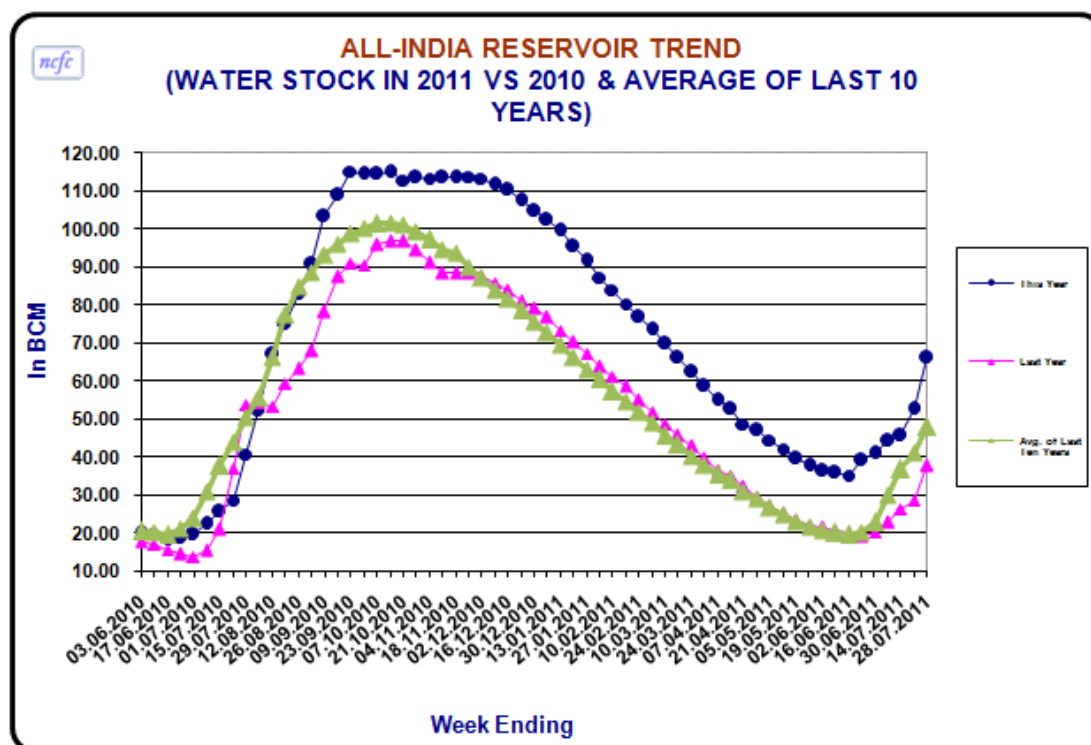
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 66.13 BCM from the previous week's level of 52.52 BCM. Current storage is **more** than the last year's position of 37.75 BCM and average of last 10 year's storage of 47.73 BCM.

**Table – 2: For 81 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	44	175	139
Last Week	35	184	128
The percentage to live capacity at FRL was 25% on 28/07/2010, 34% on 28/07/2009, 29% on 24/07/2008 and 54% on 24/07/2007.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 63 reservoirs having storage more than 80%, 6 reservoirs having storage between 50% to 80% of Normal Storage, 4 reservoirs having storage between 30% to 50% of Normal Storage and 8 reservoirs having storage 30% or below.



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 2011***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for 1<sup>st</sup> April to 27<sup>th</sup> July, 2011</i>	<i>9446</i>	<i>4603</i>	<i>1344</i>	<i>3117</i>
<i>Availability during 1<sup>st</sup> April to 27<sup>th</sup> July, 2011</i>	<i>8262</i>	<i>2489</i>	<i>619</i>	<i>3054</i>
<i>Sales during 1<sup>st</sup> April to 27<sup>th</sup> July, 2011</i>	<i>7469</i>	<i>2200</i>	<i>598</i>	<i>2574</i>
<i>Closing Stock as on 27.07.2011</i>	<i>793</i>	<i>289</i>	<i>21</i>	<i>480</i>
<i>Requirement for August, 2011</i>	<i>2654</i>	<i>1169</i>	<i>399</i>	<i>1060</i>

**Source: Fertilizer Division (DAC) / Deptt. of Fertilizer**

## **Pest & Diseases:**

- The incidence of pest & diseases generally remained below Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

**Table - 4 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items**

Period / commodities	Weight	Point to Point annual Inflation		
		Latest Week	Previous Week	Last Year
		<b>16.07.2011</b>	<b>09.07.2011</b>	<b>17.07.2010</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>10.49</b>	<b>11.13</b>	<b>19.23</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>7.33</b>	<b>7.58</b>	<b>18.56</b>
<b>Cereals</b>	<b>3.37</b>	<b>4.82</b>	<b>4.77</b>	<b>8.60</b>
Rice	1.79	1.80	1.32	10.24
Wheat	1.12	1.84	2.40	6.33
Jowar	0.10	43.01	36.57	6.15
Bajra	0.12	8.88	8.74	11.67
Maize	0.22	23.09	24.56	8.62
Barley	0.02	19.15	18.89	2.35
Ragi	0.02	11.78	14.06	-2.53
<b>Pulses</b>	<b>0.72</b>	<b>-8.01</b>	<b>-7.67</b>	<b>13.35</b>
Gram	0.33	17.48	13.14	-9.23
Arhar	0.13	-22.21	-18.03	11.10
Moong	0.08	-20.14	-18.57	60.01
Masur	0.05	-25.63	-25.70	-4.63
Urad	0.10	-16.05	-14.90	49.20
<b>Vegetables</b>	<b>1.74</b>	<b>7.59</b>	<b>4.31</b>	<b>-3.32</b>
Potatoes	0.20	10.55	4.20	-43.99
Onions	0.18	22.66	19.68	-3.98
Fruits	2.11	13.90	15.02	37.17
Milk	3.24	9.96	10.76	26.86
Egg, Meat & Fish	2.41	6.36	7.97	28.06
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>16.05</b>	<b>15.50</b>	<b>15.24</b>
Oilseeds	1.78	13.72	11.56	3.14
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>12.12</b>	<b>11.89</b>	<b>13.24</b>

**Table:5**

<b>All India Crop Situation - Kharif (2011-12) as on 29.07.2011</b>					
<b>Crop Name</b>	<b>Normal Area for whole Kharif Season</b>	<b>Area sown reported</b>			<b>(In lakh hectares)</b>
					<b>Change vis-à-vis prev. year</b>
		<b>This Year 2011</b>	<b>% of Normal</b>	<b>Last Year 2010</b>	<b>Absolute Change 2010</b>
<b>Rice</b>	<b>393.58</b>	<b>209.93</b>	<b>53.3</b>	<b>199.82</b>	<b>10.1</b>
<b>Jowar</b>	<b>34.27</b>	<b>22.27</b>	<b>65.0</b>	<b>24.05</b>	<b>-1.8</b>
<b>Bajra</b>	<b>92.63</b>	<b>60.72</b>	<b>65.5</b>	<b>69.79</b>	<b>-9.1</b>
<b>Maize</b>	<b>69.59</b>	<b>59.30</b>	<b>85.2</b>	<b>63.92</b>	<b>-4.6</b>
<b>Total Coarse Cereals</b>	<b>219.68</b>	<b>151.88</b>	<b>69.1</b>	<b>166.99</b>	<b>-15.1</b>
<b>Total Cereals</b>	<b>613.26</b>	<b>361.81</b>	<b>59.0</b>	<b>366.81</b>	<b>-5.0</b>
<b>Tur</b>	<b>35.42</b>	<b>26.19</b>	<b>73.9</b>	<b>30.72</b>	<b>-4.5</b>
<b>Urad</b>	<b>22.36</b>	<b>17.56</b>	<b>78.5</b>	<b>15.61</b>	<b>1.9</b>
<b>Moong</b>	<b>25.56</b>	<b>18.52</b>	<b>72.5</b>	<b>20.89</b>	<b>-2.4</b>
<b>Others</b>	<b>23.13</b>	<b>11.64</b>	<b>50.3</b>	<b>14.60</b>	<b>-3.0</b>
<b>Total Pulses</b>	<b>106.47</b>	<b>73.91</b>	<b>69.4</b>	<b>81.83</b>	<b>-7.9</b>
<b>Total Foodgrains</b>	<b>719.73</b>	<b>435.72</b>	<b>60.5</b>	<b>448.64</b>	<b>-12.9</b>
<b>Groundnut</b>	<b>51.47</b>	<b>34.40</b>	<b>66.8</b>	<b>43.02</b>	<b>-8.6</b>
<b>Soyabean</b>	<b>88.33</b>	<b>97.82</b>	<b>110.7</b>	<b>85.34</b>	<b>12.5</b>
<b>Sunflower</b>	<b>7.54</b>	<b>1.30</b>	<b>17.3</b>	<b>1.86</b>	<b>-0.6</b>
<b>Sesamum</b>	<b>17.95</b>	<b>11.72</b>	<b>65.3</b>	<b>8.32</b>	<b>3.4</b>
<b>Niger</b>	<b>4.12</b>	<b>0.52</b>	<b>12.5</b>	<b>0.81</b>	<b>-0.3</b>
<b>Castor</b>	<b>7.76</b>	<b>3.73</b>	<b>48.1</b>	<b>2.79</b>	<b>0.9</b>
<b>Others</b>		<b>0.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.2</b>
<b>Total Oilseed</b>	<b>177.17</b>	<b>149.73</b>	<b>84.5</b>	<b>142.13</b>	<b>7.6</b>
<b>Cotton</b>	<b>93.55</b>	<b>105.56</b>	<b>112.8</b>	<b>101.43</b>	<b>4.1</b>
<b>Sugarcane</b>	<b>46.00</b>	<b>51.82</b>	<b>112.7</b>	<b>49.02</b>	<b>2.8</b>
<b>Jute+Mesta</b>	<b>9.20</b>	<b>8.92</b>	<b>97.0</b>	<b>8.31</b>	<b>0.6</b>
<b>All- Crops</b>	<b>1045.64</b>	<b>751.75</b>	<b>71.9</b>	<b>749.53</b>	<b>2.2</b>
Source: Crops & TMOP Divisions, DAC					

## Procurement:

**Table – 6: Progressive procurement of Wheat as on 01.08.2011 (lakh tonnes)**

State	Total procurement in marketing season 2010-11 (April - March)	Progressive Procurement as on 01.08.2011	
		In Marketing season 2011-2012	In Marketing season 2010-2011
<b>Punjab</b>	<b>102.09</b>	<b>109.57</b>	<b>101.66</b>
<b>Haryana</b>	<b>63.47</b>	<b>68.91</b>	<b>63.47</b>
<b>Uttar Pradesh</b>	<b>16.45</b>	<b>34.60</b>	<b>16.45</b>
<b>Madhya Pradesh</b>	<b>35.38</b>	<b>48.94</b>	<b>35.38</b>
<b>Rajasthan</b>	<b>4.76</b>	<b>13.02</b>	<b>4.76</b>
<b>All-India</b>	<b>225.14</b>	<b>281.44</b>	<b>224.62</b>

**Table – 7: Progressive procurement of Rice as on 01.08.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 01.08.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>75.55</b>	<b>88.83</b>	<b>64.45</b>
<b>Chhattisgarh</b>	<b>33.57</b>	<b>36.38</b>	<b>31.39</b>
<b>Haryana</b>	<b>18.19</b>	<b>16.87</b>	<b>18.16</b>
<b>Kerala</b>	<b>2.61</b>	<b>2.61</b>	<b>2.61</b>
<b>Maharashtra</b>	<b>2.29</b>	<b>2.74</b>	<b>2.10</b>
<b>Orissa</b>	<b>24.96</b>	<b>24.50</b>	<b>24.67</b>
<b>Punjab</b>	<b>92.75</b>	<b>86.35</b>	<b>92.75</b>
<b>Tamil Nadu</b>	<b>12.41</b>	<b>14.42</b>	<b>11.45</b>
<b>Uttar Pradesh</b>	<b>29.01</b>	<b>24.09</b>	<b>26.96</b>
<b>Uttaranchal</b>	<b>3.75</b>	<b>4.17</b>	<b>3.74</b>
<b>West Bengal</b>	<b>12.40</b>	<b>10.60</b>	<b>11.75</b>
<b>All-India</b>	<b>320.34</b>	<b>325.99</b>	<b>301.60</b>