

**F.NO. 3-1/2010-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: 06<sup>th</sup> August, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 30.07.2010.**

*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 28<sup>th</sup> July, 2010 was 405.5 mm which is 5% less than L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 28.66 BCM on 22.07.2010 to 40.74 BCM on 29.07.2010.*
- *As per latest information available on sowing of crops, around 73% of the normal area under kharif crops have been sown upto 30.07.2010. Area sown under all kharif crops taken together has been reported to be 758.67 lakh hectares at All India level as compared to 698.10 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 20.4 lakh ha. under Rice, 7.8 lakh ha. under Bajra, 14.4 lakh ha. under Cotton, 5.6 lakh ha. under Sugarcane, 6.4 lakh ha. under Tur, 2.5 lakh ha. under Moong and 9.8 lakh ha. under Groundnut. Area coverage is lower by 1.6 lakh ha. under Jowar, 5.4 lakh ha. under Soyabean, 2.0 lakh ha. under Sunflower and 3.0 lakh ha. under Sesamum.*
- *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 17.07.2010 decreased to 14.50% from the previous week's level of 16.48%. The inflation rate was 8.18% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 6.27% from the previous week's level of 5.81%; inflation for Rice has decreased to 5.31% from the previous week's level of 6.12%, Pulses to 21.23% from the previous week's level of 23.79% and Cereals to 5.62% from the previous week's level of 5.87%.*
- *The inflation for non-food items has increased to 21.01% from the previous week's level of 20.75% and for the food items has decreased to 9.67% from the previous week's level of 12.47%.*

- *All-India progressive procurement of Wheat as on 30.07.2010 was 225.25 lakh tonnes which is lower than the procurement of 251.72 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 30.07.2010 was 301.34 lakh tonnes which is lower than the procurement of 321.19 lakh tonnes upto the corresponding period of last year.*

*(Action: CWC)*

## Salient aspects of discussions / presentations in the meeting

### **Rainfall & Temperature (As reported by India Meteorological Department, (IMD))**

#### Monsoon Season Rainfall (June - September) during the week ending on 28<sup>th</sup> July, 2010

- Widespread rainfall occurred over Konkan & Goa, Coastal Karnataka during most days, over Andaman & Nicobar Islands, Himachal Pradesh, Gujarat Region and Kerala during many days, over Gangetic West Bengal, Uttarakhand, Jammu & Kashmir and West Madhya Pradesh during a few days and over Arunachal Pradesh, Orissa, Jharkhand, Punjab, West Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Interior Karnataka and Lakshadweep during one or two days of the week.
- Fairly widespread rainfall occurred over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Rajasthan, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Interior Karnataka and Lakshadweep during many days, over Sub-Himalayan West Bengal & Sikkim and Coastal Andhra Pradesh during a few days and over Arunachal Pradesh, Orissa, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Madhya Pradesh, Gujarat Region, Vidarbha and Telangana during one or two days of the week.
- Scattered rainfall occurred over Bihar during most days, over Arunachal Pradesh, Gangetic West Bengal, East Uttar Pradesh and Telangana during many days, over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Haryana, Chandigarh & Delhi, East Madhya Pradesh, Vidarbha and Chhattisgarh during a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Jharkhand, Uttarakhand, Punjab, Himachal Pradesh, East Rajasthan, Gujarat Region, Madhya Maharashtra, Marathwada, Rayalseema, Tamil Nadu & Puducherry, South Interior Karnataka and Kerala during one or two days of the week.
- Isolated rainfall occurred over Tamil Nadu & Puducherry during most days, over West Uttar Pradesh and Rayalseema during many days, over Jharkhand and Haryana, Chandigarh & Delhi during a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, East Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Jammu & Kashmir, West Rajasthan, Madhya Pradesh, Marathwada, Coastal Andhra Pradesh and Lakshadweep during one or two days of the week.
- Out of 36 meteorological sub-divisions, rainfall during the week was excess /normal in 26 and deficient / scanty in 10 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> June to 28<sup>th</sup> July, 2010)** was in excess / normal in 28 met sub-divisions and deficient / scanty in 8 met sub-divisions.

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

Region	Week Ending (28.07.2010)				Cumulative (01.06.10 to 28.07.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	78.2	54.3	44	E	261.9	262.9	0	N
Central India	141.9	76.4	86	E	458.2	464.5	-1	N
South Peninsular India	65.2	54.7	19	N	400.2	361.2	11	N
North-East India	60.9	94.3	-35	D	578.0	752.6	-23	D
Country as a whole	94.3	68.2	38	E	405.5	428.1	-5	N

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

Source: India Meteorological Department, New Delhi

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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.

## ***Weather Outlook / Forecast for the period 29<sup>th</sup> July - 04<sup>th</sup> Aug. 2010 by IMD***

### **Outlook for the Week Ending 04<sup>th</sup> August, 2010**

- *Rainfall activity is likely to increase over East Uttar Pradesh and East India due to shifting of monsoon trough towards North.*
- *Widespread rainfall is likely to occur over Andhra Pradesh and Interior Karnataka during first half of the week.*
- *Fairly widespread rainfall is likely to continue over West Coast and Northeast India.*
- *Scattered to fairly widespread rainfall is likely to occur over plains of Northwest and Central India.*

***Warning: Isolated heavy to very heavy rainfall would occur over South Chhattisgarh, South Orissa, North Andhra Pradesh and Jammu & Kashmir during next 24 hours and over Uttarakhand, Madhya Pradesh, Vidarbha, North Madhya Maharashtra, Konkan & Goa and Coastal Karnataka during next 48 hours.***

### **Zone-wise Weather Forecast:**

#### ***North-West India (J&K, HP, Uttarakhand, Punjab, Haryana, Delhi, West UP)***

- *Rain/thundershowers at many places over the region.*

#### ***East India (East UP, Bihar, Jharkhand, West Bengal & Sikkim, Orissa)***

- *Rain/thundershowers at a few places over Gangetic West Bengal, Jharkhand and Bihar and at many places over the rest region.*

#### ***North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)***

- *Rain/thundershowers at many places over Arunachal Pradesh.*

#### ***South India (Tamil Nadu, AP, Kerala, Karnataka, Andaman & Nicobar Islands, Lakshadweep)***

- *Isolated rain/thundershowers over Rayalseema and Tamil Nadu.*
- *Rain / thundershower at many places over the rest region.*

#### ***West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)***

- *Rain / thundershower at a few places over Gujarat Region and Saurashtra & Kutch and at many places over the rest region.*

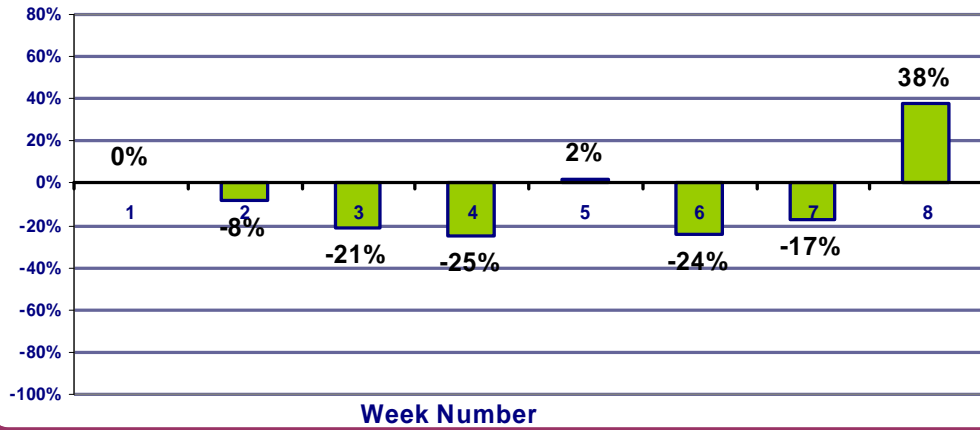
#### ***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers at many places over the region.*

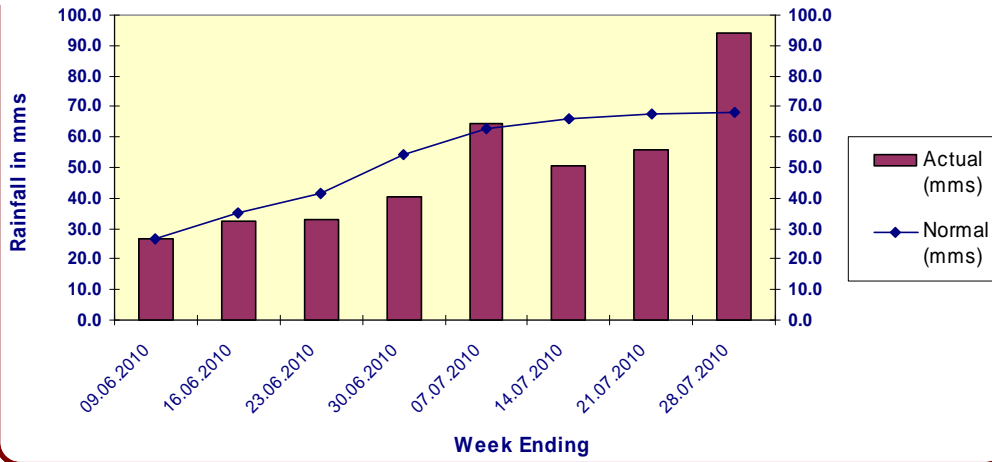


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

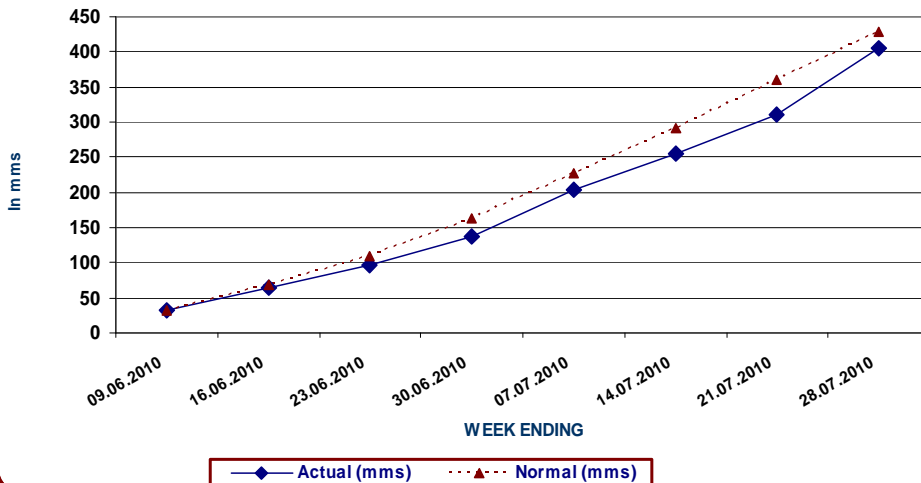
(Monsoon 2010 - from 01.06.2010 to 28.07.2010)



### Weekly Rainfall Distribution in Monsoon 2010 - All India



### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2010



## Reservoir Status (For the week ending on 29.07.2010)

- 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 40.74 BCM from the previous week's level of 28.66 BCM. Current storage is less than the last year's position of 53.67 BCM and the average of last 10 year's storage of 50.25 BCM.

**Table – 2: For 81 major reservoirs of the country**

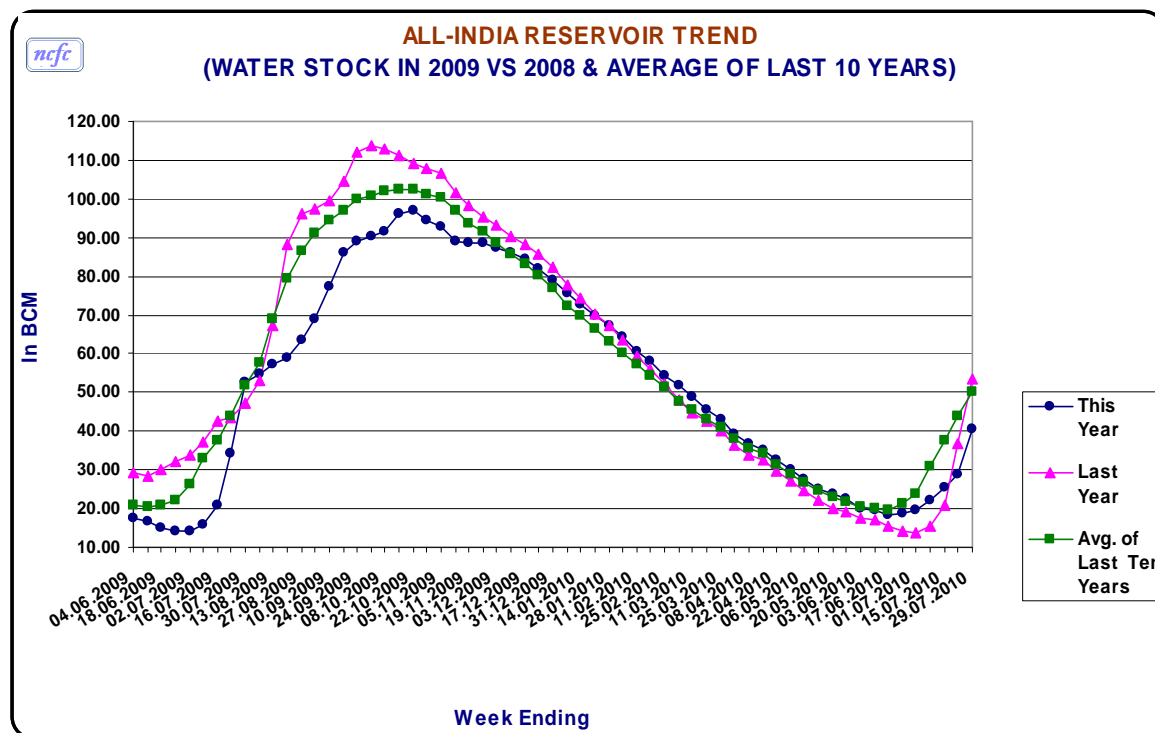
<u>Period</u>	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	27	76	81
Last Week	19	78	65

The percentage to live capacity at FRL was 35% on 29/07/2009, 31% on 29/07/2008, 57% on 26/07/2007 and 43% on 26/07/2006 .

\* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)

Source: CWC

- There were 36 reservoirs having storage more than 80%, 22 reservoirs having storage between 50% to 80% of Normal Storage, 12 reservoirs having storage between 30% to 50% of Normal Storage and 9 reservoirs having storage below 30% of normal storage.
- There was only one reservoir namely Gandhi Sagar (MP)) having no live storage.



Source: Central Water Commission

\* The State wise details (reservoir position) are given in the annex IV

### **Fertilizer Position:**

**Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during June 2010**

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for July, 2010</i>	<i>3208</i>	<i>1601</i>	<i>446</i>	<i>1086</i>
<i>Availability during 1<sup>st</sup> to 29<sup>th</sup> July, 2010</i>	<i>2654</i>	<i>1399</i>	<i>436</i>	<i>923</i>
<i>Sales during 1<sup>st</sup> to 29<sup>th</sup> July, 2010</i>	<i>1528</i>	<i>1017</i>	<i>218</i>	<i>575</i>
<i>Closing Stock as on 29.07.2010</i>	<i>1126</i>	<i>382</i>	<i>218</i>	<i>384</i>
<i>Requirement for August, 2010</i>	<i>2710</i>	<i>1099</i>	<i>408</i>	<i>966</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**

<i>All India Crop Situation - Kharif (2010) as on 30-07-2010</i>							
							(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Area sown reported			Change vis-à-vis prev. year		
		This Year 2010	% of Normal	Last Year 2009	2008	Absolute Change 2009	Absolute Change 2008
<b>Rice</b>	<b>395.10</b>	<b>212.32</b>	<b>53.7</b>	<b>191.93</b>	<b>231.32</b>	<b>20.4</b>	<b>-19.0</b>
<b>Jowar</b>	<b>35.98</b>	<b>24.05</b>	<b>66.8</b>	<b>25.62</b>	<b>22.78</b>	<b>-1.6</b>	<b>1.3</b>
<b>Bajra</b>	<b>93.29</b>	<b>69.79</b>	<b>74.8</b>	<b>61.99</b>	<b>60.07</b>	<b>7.8</b>	<b>9.7</b>
<b>Maize</b>	<b>68.65</b>	<b>63.91</b>	<b>93.1</b>	<b>62.93</b>	<b>58.45</b>	<b>1.0</b>	<b>5.5</b>
<b>Total Coarse Cereals</b>	<b>222.23</b>	<b>166.99</b>	<b>75.1</b>	<b>159.56</b>	<b>151.38</b>	<b>7.4</b>	<b>15.6</b>
<b>Total Cereals</b>	<b>617.33</b>	<b>379.31</b>	<b>61.4</b>	<b>351.49</b>	<b>382.70</b>	<b>27.8</b>	<b>-3.4</b>
<b>Tur</b>	<b>35.53</b>	<b>33.61</b>	<b>94.6</b>	<b>27.25</b>	<b>22.41</b>	<b>6.4</b>	<b>11.2</b>
<b>Urad</b>	<b>22.82</b>	<b>16.66</b>	<b>73.0</b>	<b>15.66</b>	<b>15.70</b>	<b>1.0</b>	<b>1.0</b>
<b>Moong</b>	<b>26.14</b>	<b>22.24</b>	<b>85.1</b>	<b>19.72</b>	<b>18.42</b>	<b>2.5</b>	<b>3.8</b>
<b>Others</b>	<b>23.46</b>	<b>14.85</b>	<b>63.3</b>	<b>12.82</b>	<b>14.49</b>	<b>2.0</b>	<b>0.4</b>
<b>Total Pulses</b>	<b>107.94</b>	<b>87.36</b>	<b>80.9</b>	<b>75.45</b>	<b>71.02</b>	<b>11.9</b>	<b>16.3</b>
<b>Total Foodgrains</b>	<b>725.27</b>	<b>466.67</b>	<b>64.3</b>	<b>426.94</b>	<b>453.72</b>	<b>39.7</b>	<b>12.9</b>
<b>Groundnut</b>	<b>53.81</b>	<b>42.95</b>	<b>79.8</b>	<b>33.14</b>	<b>41.27</b>	<b>9.8</b>	<b>1.7</b>
<b>Soyabean</b>	<b>84.00</b>	<b>85.34</b>	<b>101.6</b>	<b>90.73</b>	<b>87.70</b>	<b>-5.4</b>	<b>-2.4</b>
<b>Sunflower</b>	<b>8.15</b>	<b>1.84</b>	<b>22.6</b>	<b>3.88</b>	<b>2.01</b>	<b>-2.0</b>	<b>-0.2</b>
<b>Sesamum</b>	<b>17.76</b>	<b>8.26</b>	<b>46.5</b>	<b>11.29</b>	<b>10.96</b>	<b>-3.0</b>	<b>-2.7</b>
<b>Niger</b>	<b>4.23</b>	<b>0.81</b>	<b>19.1</b>	<b>0.62</b>	<b>0.63</b>	<b>0.0</b>	<b>0.2</b>
<b>Castor</b>	<b>7.78</b>	<b>2.77</b>	<b>35.6</b>	<b>2.18</b>	<b>1.74</b>	<b>0.6</b>	<b>1.0</b>
<b>Total Oilseed</b>	<b>175.72</b>	<b>141.97</b>	<b>80.8</b>	<b>141.84</b>	<b>144.31</b>	<b>0.1</b>	<b>-2.3</b>
<b>Cotton</b>	<b>90.86</b>	<b>95.05</b>	<b>104.6</b>	<b>80.63</b>	<b>69.74</b>	<b>14.4</b>	<b>25.3</b>
<b>Sugarcane</b>	<b>44.97</b>	<b>47.43</b>	<b>105.5</b>	<b>41.79</b>	<b>43.92</b>	<b>5.6</b>	<b>3.5</b>
<b>Jute</b>	<b>7.85</b>	<b>7.55</b>	<b>96.1</b>	<b>6.91</b>	<b>7.37</b>	<b>0.6</b>	<b>0.2</b>
<b>All- Crops</b>	<b>1044.67</b>	<b>758.67</b>	<b>72.6</b>	<b>698.10</b>	<b>719.06</b>	<b>60.6</b>	<b>39.6</b>

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 5: Progressive procurement of Wheat as on 30.07.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 30.07.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Punjab</b>	<b>107.25</b>	<b>102.05</b>	<b>107.18</b>
<b>Haryana</b>	<b>69.24</b>	<b>63.35</b>	<b>69.11</b>
<b>Uttar Pradesh</b>	<b>38.82</b>	<b>16.73</b>	<b>38.82</b>
<b>Madhya Pradesh</b>	<b>19.68</b>	<b>35.38</b>	<b>17.81</b>
<b>Rajasthan</b>	<b>11.52</b>	<b>4.76</b>	<b>11.52</b>
<b>All-India</b>	<b>253.82</b>	<b>225.25</b>	<b>251.72</b>

**Table – 6: Progressive procurement of Rice as on 30.07.2010 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 30.07.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
<b>Andhra Pradesh</b>	<b>90.60</b>	<b>64.32</b>	<b>81.74</b>
<b>Chhattisgarh</b>	<b>28.48</b>	<b>31.41</b>	<b>26.36</b>
<b>Haryana</b>	<b>14.25</b>	<b>18.18</b>	<b>14.25</b>
<b>Kerala</b>	<b>2.37</b>	<b>2.61</b>	<b>2.37</b>
<b>Maharashtra</b>	<b>2.61</b>	<b>2.11</b>	<b>2.58</b>
<b>Orissa</b>	<b>27.90</b>	<b>24.67</b>	<b>27.14</b>
<b>Punjab</b>	<b>85.53</b>	<b>92.75</b>	<b>85.48</b>
<b>Tamil Nadu</b>	<b>11.99</b>	<b>11.43</b>	<b>11.46</b>
<b>Uttar Pradesh</b>	<b>36.87</b>	<b>26.91</b>	<b>36.12</b>
<b>Uttaranchal</b>	<b>3.49</b>	<b>3.75</b>	<b>3.47</b>
<b>West Bengal</b>	<b>16.67</b>	<b>11.66</b>	<b>14.94</b>
<b>All-India</b>	<b>336.84</b>	<b>301.34</b>	<b>321.19</b>