

**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: 22<sup>nd</sup> September, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
16.09.2011.**

*Summary observations of the Group on Agenda Items*

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> June to 14<sup>th</sup> September, 2011 was 829.2 mm which is 3% above than the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period is (6%) in North-West India, (12%) in Central India, (9%) in South Peninsula and (-17%) in East & North-East India.*
- *Out of 36 met sub-divisions 32 met sub-divisions received excess/normal rainfall and 04 received deficient rainfall. Deficient Sub-divisions are Arunachal Pradesh (-25%), Assam & Meghalaya(-33%), NMMT (-29%) and Haryana, Chandigarh & Delhi (-22%).*
- *In 81 major reservoirs monitored by CWC in different parts of the country, total live storage has increased from 119.41 BCM on 08.09.2011 to 125.23 BCM on 15.09.2011.*
- *As per latest information available on sowing of crops, around 99% of the normal area under kharif crops have been sown upto 16.09.2011. Area sown under all kharif crops taken together has been reported to be 1038.08 lakh hectares at All India level as compared to 1010.89 lakh hectares in the corresponding period of 2010.*
- *Area reported was higher by 33.6 lakh ha. under Rice, 10.0 lakh ha. under Soyabean, 3.6 lakh ha. under Castor, 10.1 lakh ha. under Cotton and 1.5 lakh ha. under Sugarcane. Area coverage was lower by 4.3 lakh ha. under Jowar, 6.9 lakh ha. under Bajra, 6.8 lakh ha. under Tur, 1.5 lakh ha. under Urad, 3.9 lakh ha. under Moong, 6.1 lakh ha. under Groundnut and 1.0 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 03.09.2011 decreased to 13.04% from the previous week's level of 13.34%. The inflation rate was 16.42% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Wheat has decreased to -2.03% from the previous week's level of -1.04%, Rice to 4.39% from the previous week's level of 4.65% Pulses to -2.45% from the previous week's level of -1.56% and Cereals to 5.02% from the previous week's level of 5.45%.*
- *The inflation for non-food items has decreased to 18.49% from the previous week's level of 19.88% and for the food items to 9.47% from the previous week's level of 9.55%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 16.09.2011 was 336.69 lakh tonnes which is higher than the procurement of 310.06 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 14<sup>th</sup> September, 2011

- **Widespread rainfall** occurred over Coastal Karnataka for most days, over Andaman & Nicobar Islands, Kerala and Lakshadweep for many days, over Arunachal Pradesh, Gangetic West Bengal, Orissa, Jharkhand, Uttarakhand, Punjab, Himachal Pradesh, Madhya Pradesh, Gujarat Region, Konkan & Goa and Chhattisgarh for one or two days of the week.
- **Fairly widespread rainfall** occurred over East Uttar Pradesh for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Orissa, Jharkhand, West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, Madhya Pradesh, Gujarat State, Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Kerala and Lakshadweep for one or two days of the week.
- **Scattered rainfall** occurred over Uttarakhand, Himachal Pradesh and South Interior Karnataka for many days, over West Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Gujarat Region, Vidarbha and Chhattisgarh for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Orissa, Jharkhand, Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu & Kashmir, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Andhra Pradesh, Tamilnadu & Puducherry and North Interior Karnataka for one or two days of the week.
- **Isolated rainfall** occurred over Marathwada and North Interior Karnataka for most days, over Arunachal Pradesh, Bihar, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh, Rayalaseema and Tamilnadu & Puducherry for many days, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan & Sikkim, Orissa, Jharkhand, Uttar Pradesh and Telangana for a few days and over Gangetic West Bengal, Uttarakhand, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Vidarbha, Chhattisgarh, South Interior 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 25 and deficient / scanty in 11 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 14<sup>th</sup> September, 2011)** was excess / normal in 32 met sub-divisions and deficient / scanty in 04 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 (14.09.2011)				Cumulative (01.06.11 to 14.09.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	41.6	34.1	22	E	606.1	573.0	6	N
Central India	56.0	49.6	13	N	1008.6	900.7	12	N
South Peninsular India	36.9	30.8	20	E	677.9	621.4	9	N
East & North-East India	47.2	78.6	-40	D	1067.1	1292.1	-17	N
Country as a whole	46.4	45.8	1	N	829.2	807.4	3	N

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

Source: India Meteorological Department, New Delhi

***Weather Outlook / Forecast for the period 15<sup>th</sup> - 21<sup>st</sup> September, 2011 by IMD***

**Outlook for the Week Ending 21<sup>st</sup> September, 2011**

- *Fairly widespread rainfall would occur over Chhattisgarh, East Uttar Pradesh and East & Northeastern States.*
- *Decrease in rainfall over remaining parts of the country.*

**Warning:**

- *Isolated heavy to very heavy rainfall would occur over Punjab, Himachal Pradesh and Jammu Division of Jammu & Kashmir and isolated heavy over Haryana, Delhi, Chandigarh, West Uttar Pradesh and Uttarakhand during next 24 hours.*
- *Isolated heavy rainfall would occur over Bihar, Jharkhand, Gangetic West Bengal, Orissa, Chhattisgarh, Coastal Karnataka, Kerala, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura 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

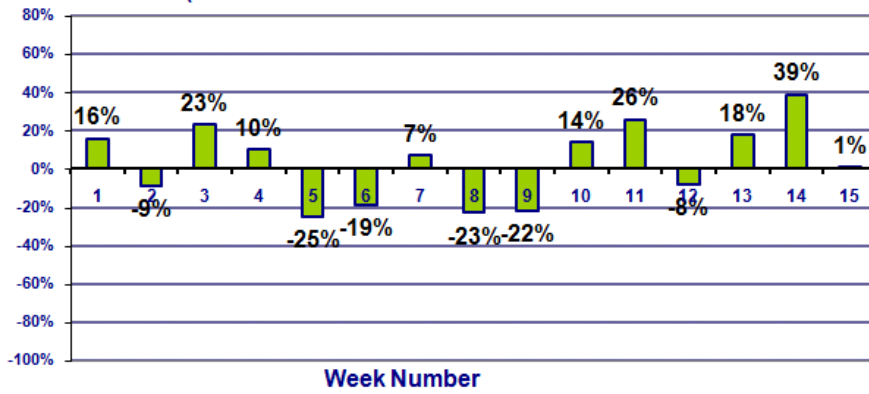
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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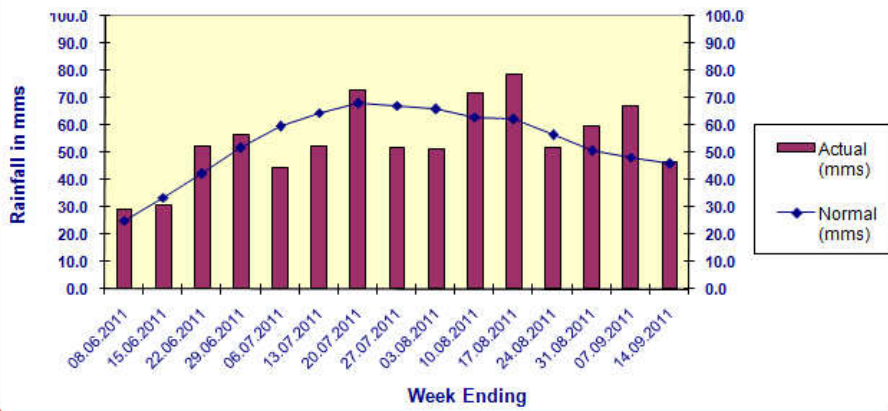
### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2011 - from 01.06.2011 to 14.09.2011)



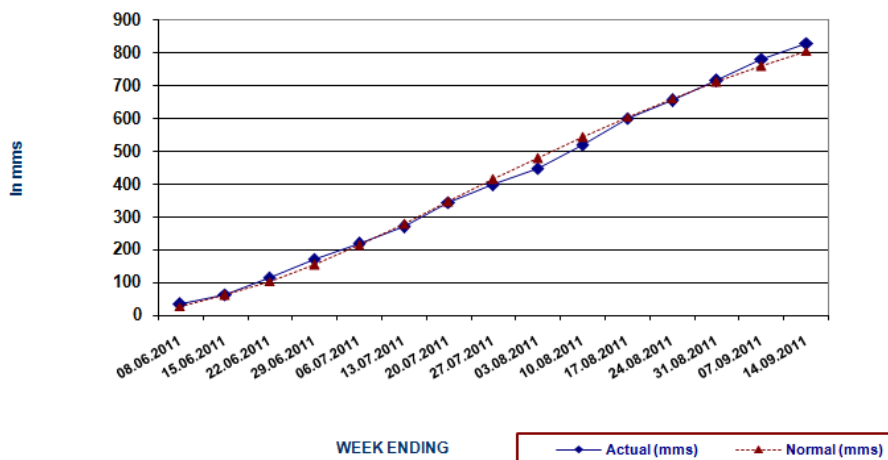
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### Weekly Rainfall Distribution in Monsoon 2011 - All India



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



## Reservoir Status (For the week ending on 15.09.2011)

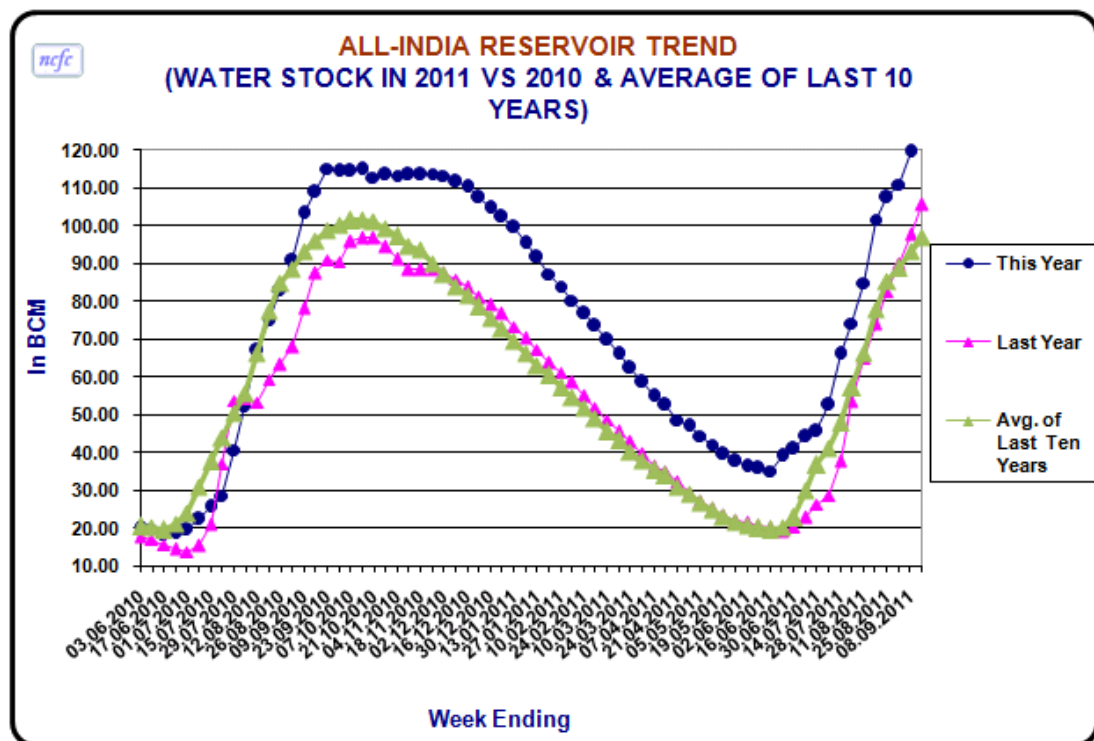
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 125.23 BCM from the previous week's level of 119.41 BCM. Current storage is **more** than the last year's position of 105.51 BCM and average of last 10 year's storage of 96.71 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	83	119	129
Last Week	79	122	128
The percentage to live capacity at FRL was 70% on 15/09/2010, 52% on 15/09/2009, 66% on 11/09/2008 and 75% on 11/09/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 74 reservoirs having storage more than 80%, 4 reservoirs having storage between 50% to 80% of Normal Storage and 3 reservoirs having storage between 30% to 50% of Normal Storage.



Source: Central Water Commission

## ***Fertilizer Position:***

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April to August 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 14<sup>th</sup> September, 2011</i>	<i>14216</i>	<i>7138</i>	<i>2255</i>	<i>5206</i>
<i>Availability during 1<sup>st</sup> April to 14<sup>th</sup> September, 2011</i>	<i>12332</i>	<i>4191</i>	<i>646</i>	<i>4787</i>
<i>Sales during 1<sup>st</sup> April to 14<sup>th</sup> September, 2011</i>	<i>11846</i>	<i>3910</i>	<i>645</i>	<i>4439</i>
<i>Closing Stock as on 14.09.2011</i>	<i>485</i>	<i>281</i>	<i>1</i>	<i>348</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
		03.09.2011	27.08.2011	04.09.2010
<b>Primary Articles</b>	<b>20.12</b>	<b>13.04</b>	<b>13.34</b>	<b>16.42</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>9.47</b>	<b>9.55</b>	<b>15.16</b>
<b>Cereals</b>	<b>3.37</b>	<b>5.02</b>	<b>5.45</b>	<b>7.22</b>
Rice	1.79	4.39	4.65	5.93
Wheat	1.12	-2.03	-1.04	9.71
Jowar	0.10	41.52	43.33	8.30
Bajra	0.12	11.68	11.08	4.54
Maize	0.22	23.37	22.96	7.75
Barley	0.02	14.71	12.39	4.97
Ragi	0.02	18.14	22.37	-0.17
<b>Pulses</b>	<b>0.72</b>	<b>-2.45</b>	<b>-1.56</b>	<b>5.59</b>
Gram	0.33	22.78	21.75	-2.28
Arhar	0.13	-13.30	-11.29	-7.95
Moong	0.08	-13.27	-10.82	31.15
Masur	0.05	-17.80	-18.36	-16.44
Urad	0.10	-20.02	-18.10	34.57
<b>Vegetables</b>	<b>1.74</b>	<b>17.47</b>	<b>22.42</b>	<b>4.81</b>
Potatoes	0.20	21.16	13.38	-47.08
Onions	0.18	42.98	42.03	1.79
Tomato	0.27	-20.65	-13.36	31.52
Fruits	2.11	22.64	16.57	8.27
Milk	3.24	10.02	9.12	23.76
Egg, Meat & Fish	2.41	<b>5.97</b>	7.26	29.70
<b>(b) Non-Food Articles</b>	<b>4.26</b>	18.49	<b>19.88</b>	<b>16.64</b>
Oilseeds	1.78	<b>16.68</b>	17.43	2.29
<b>Fuel &amp; Power</b>	<b>14.91</b>	13.01	<b>12.55</b>	<b>11.48</b>



**Table:5**

<i>All India Crop Situation - Kharif (2011-12) as on 16.09.2011</i>						
Crop Name	Normal Area for whole Kharif Season	Area sown reported			2008	(In lakh hectares)
		This Year 2011	% of Normal	Last Year 2010		Change vis-à-vis prev. year
						Absolute Change 2010
<b>Rice</b>	<b>393.58</b>	<b>376.77</b>	<b>95.7</b>	<b>343.22</b>	<b>373.51</b>	<b>33.6</b>
<b>Jowar</b>	<b>34.27</b>	<b>26.03</b>	<b>76.0</b>	<b>30.33</b>	<b>29.13</b>	<b>-4.3</b>
<b>Bajra</b>	<b>92.63</b>	<b>79.07</b>	<b>74.4</b>	<b>85.93</b>	<b>77.74</b>	<b>-6.9</b>
<b>Maize</b>	<b>69.59</b>	<b>74.19</b>	<b>106.6</b>	<b>74.42</b>	<b>71.20</b>	<b>-0.2</b>
<b>Total Coarse Cereals</b>	<b>219.68</b>	<b>196.68</b>	<b>89.5</b>	<b>210.35</b>	<b>197.83</b>	<b>-13.7</b>
<b>Total Cereals</b>	<b>613.26</b>	<b>573.45</b>	<b>93.5</b>	<b>553.57</b>	<b>571.34</b>	<b>19.9</b>
<b>Tur</b>	<b>35.42</b>	<b>38.24</b>	<b>108.0</b>	<b>45.07</b>	<b>34.29</b>	<b>-6.8</b>
<b>Urad</b>	<b>22.36</b>	<b>22.37</b>	<b>100.0</b>	<b>23.91</b>	<b>21.39</b>	<b>-1.5</b>
<b>Moong</b>	<b>25.56</b>	<b>23.57</b>	<b>92.2</b>	<b>27.49</b>	<b>23.81</b>	<b>-3.9</b>
<b>Others</b>	<b>23.13</b>	<b>22.58</b>	<b>97.6</b>	<b>20.94</b>	<b>23.33</b>	<b>1.6</b>
<b>Total Pulses</b>	<b>106.47</b>	<b>106.76</b>	<b>100.3</b>	<b>117.41</b>	<b>102.82</b>	<b>-10.6</b>
<b>Total Foodgrains</b>	<b>719.73</b>	<b>680.22</b>	<b>94.5</b>	<b>670.98</b>	<b>674.16</b>	<b>9.2</b>
<b>Groundnut</b>	<b>51.47</b>	<b>43.22</b>	<b>84.0</b>	<b>49.33</b>	<b>51.67</b>	<b>-6.1</b>
<b>Soyabean</b>	<b>88.33</b>	<b>103.23</b>	<b>116.9</b>	<b>93.21</b>	<b>95.63</b>	<b>10.0</b>
<b>Sunflower</b>	<b>7.54</b>	<b>2.66</b>	<b>35.3</b>	<b>2.74</b>	<b>5.89</b>	<b>-0.1</b>
<b>Sesamum</b>	<b>17.95</b>	<b>15.17</b>	<b>84.5</b>	<b>16.14</b>	<b>14.47</b>	<b>-1.0</b>
<b>Niger</b>	<b>4.12</b>	<b>1.94</b>	<b>47.1</b>	<b>2.77</b>	<b>2.87</b>	<b>-0.8</b>
<b>Castor</b>	<b>7.76</b>	<b>11.91</b>	<b>153.5</b>	<b>8.33</b>	<b>8.52</b>	<b>3.6</b>
<b>Total Oilseed</b>	<b>177.17</b>	<b>178.14</b>	<b>100.5</b>	<b>172.52</b>	<b>179.05</b>	<b>5.6</b>
<b>Cotton</b>	<b>93.55</b>	<b>119.69</b>	<b>127.9</b>	<b>109.57</b>	<b>90.64</b>	<b>10.1</b>
<b>Sugarcane</b>	<b>46.00</b>	<b>50.79</b>	<b>110.4</b>	<b>49.32</b>	<b>44.13</b>	<b>1.5</b>
<b>Jute+Mesta</b>	<b>9.20</b>	<b>9.25</b>	<b>100.6</b>	<b>8.49</b>	<b>7.37</b>	<b>0.8</b>
<b>All- Crops</b>	<b>1045.64</b>	<b>1038.08</b>	<b>99.3</b>	<b>1010.89</b>	<b>995.35</b>	<b>27.2</b>

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 6: Progressive procurement of Rice as on 16.09.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 16.09.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	95.29	70.24
Chhattisgarh	33.57	37.09	31.72
Haryana	18.19	16.87	18.16
Kerala	2.61	2.63	2.61
Maharashtra	2.29	3.08	2.15
Orissa	24.96	24.66	24.91
Punjab	92.75	86.35	92.75
Tamil Nadu	12.41	15.01	11.94
Uttar Pradesh	29.01	24.54	27.21
Uttaranchal	3.75	4.17	3.74
West Bengal	12.40	11.52	12.40
All-India	320.34	336.69	310.06