

**F.NO. 3-1/2006-NCFC – E&S  
GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE  
DEPARTMENT OF AGRICULTURE & COOPERATION  
(NATIONAL CROP FORECASTING CENTRE)**

Room no. 344-A, Krishi Bhavan, New Delhi  
Dated, the 19<sup>th</sup> September, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 14.09.2007.**

**Presentations in the meeting**

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

**Rainfall during the week ending on 12<sup>th</sup> September, 2007**

- **Widespread rainfall** occurred over North-East India during the week.
- **Fairly widespread rainfall** occurred on 6<sup>th</sup> & 7<sup>th</sup> Sep, 07 over Konkan & Goa and East Rajasthan during 6<sup>th</sup> – 9<sup>th</sup> Sep, 07; over Coastal Karnataka, Kerala and Lakshadweep, West Bengal & Sikkim, Orissa, Chhattisgarh, Jharkhand and Vidarbha on many days of the week.
- **Scattered rainfall** occurred over Madhya Pradesh, Northwest India, Marathawada, Andaman & Nicobar Islands on some days of the week.
- **Isolated to scattered rainfall** occurred over the remaining parts of the country during the week.

**Warning: Isolated heavy rainfall is likely over Orissa, Coastal Andhra Pradesh, Kerala, Tamil Nadu, Lakshadweep and Andaman & Nicobar Islands.**

- **Out of 36 meteorological sub-divisions, rainfall during the week was in excess / normal in 24 and deficient / scanty in 12 sub-divisions.**

**Cumulative seasonal rainfall (1<sup>st</sup> June to 12<sup>th</sup> September, 2007)**

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 30, deficient / scanty in 6 sub-divisions.**

**Table-1: Cumulative Rainfall from 01<sup>st</sup> to 12<sup>th</sup> September, 07 in four regions of the country <sup>1</sup>**

<b>Region</b>	<b>Actual (in mm)</b>	<b>Normal (in mm)</b>	<b>Deviation (%)</b>	<b>Category</b>
<b>North-West India</b>	<b>481.5</b>	<b>556.3</b>	<b>(-)13</b>	<b>Normal</b>
<b>Central India</b>	<b>941.8</b>	<b>901.0</b>	<b>5</b>	<b>Normal</b>
<b>South Peninsular India</b>	<b>747.1</b>	<b>619.3</b>	<b>21</b>	<b>Excess</b>
<b>North-East India</b>	<b>1318.3</b>	<b>1269.4</b>	<b>4</b>	<b>Normal</b>
<b>Country as a whole</b>	<b>822.1</b>	<b>798.5</b>	<b>3</b>	<b>Normal</b>

Source: India Meteorological Department, New Delhi

<sup>2</sup> North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttarakhand, 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 14<sup>th</sup> - 20<sup>th</sup> September, 2007 by IMD & NCMRWF***

### ***Outlook for the Week Ending 19<sup>th</sup> September, 2007***

- *Scattered to fairly widespread rainfall is likely over Northeast India, adjoining East India and extreme South Peninsula.*
- *Numerical Weather Prediction models suggest that subdued rainfall activity is likely to continue over Northwest, Central and adjoining West India.*

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

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

- *Isolated thundershower is likely over the region.*

#### ***East and NE India (East UP, Bihar, Jharkhand, West Bengal, Orissa, NE States)***

- *Fairly widespread to widespread rainfall with isolated heavy fall is expected over Orissa, Gangetic West Bengal, Arunachal Pradesh, Assam and Meghalaya during 14<sup>th</sup> – 17<sup>th</sup> September, 07.*
- *Fairly widespread rainfall is likely over Jharkhand.*
- *Scattered rainfall is expected over Bihar.*

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

- *Scattered rainfall is likely over East M.P. after 16<sup>th</sup> September, 07.*
- *Isolated to scattered rainfall is likely over the region.*

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

- *Scattered to fairly widespread rainfall is likely over Tamil Nadu, Kerala, South Interior Karnataka and Lakshadweep during 14<sup>th</sup> – 18<sup>th</sup> September, 07.*
- *Scattered rainfall activity is also likely over Coastal Karnataka and Andaman & Nicobar Islands.*
- *Isolated rainfall activity is also likely over rest of the region*

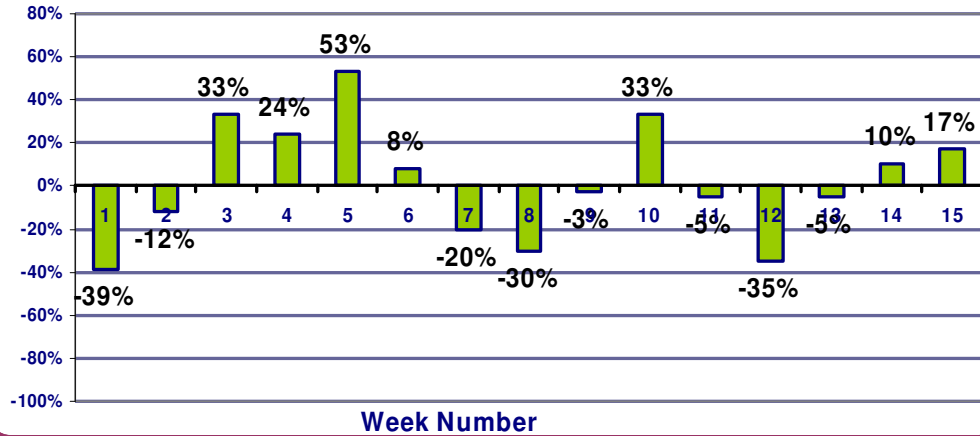
#### ***West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)***

- *Scattered rainfall is likely over Konkan & Goa and Madhya Maharashtra.*
- *Isolated rainfall is likely over rest of the region (except West Rajasthan) during 14<sup>th</sup> – 18<sup>th</sup> September, 07.*

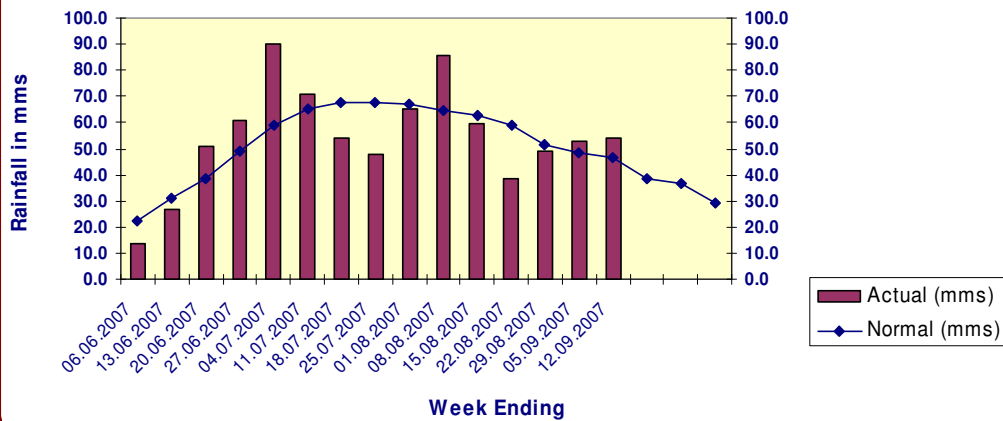


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

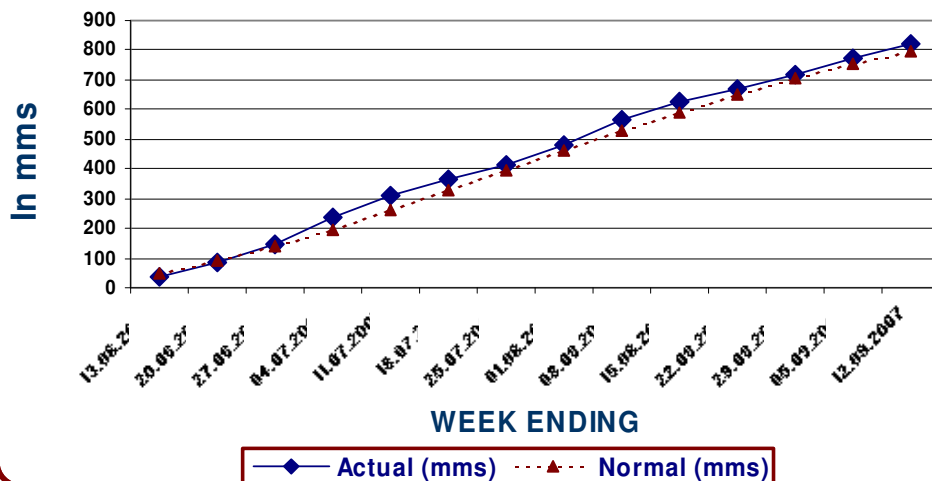
(Monsoon 2007 - from 01.06.2007 to 12.09.2007)



### Weekly Rainfall Distribution in Monsoon 2007 - All India



### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2006



## Reservoir Status (For the week ending on 13.09.2007)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **152.01** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs increased to 114.41 BCM. However, current storage is less than the last year's position of 122.35 BCM and more than the average of last 10 year's storage of 93.87 BCM.

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

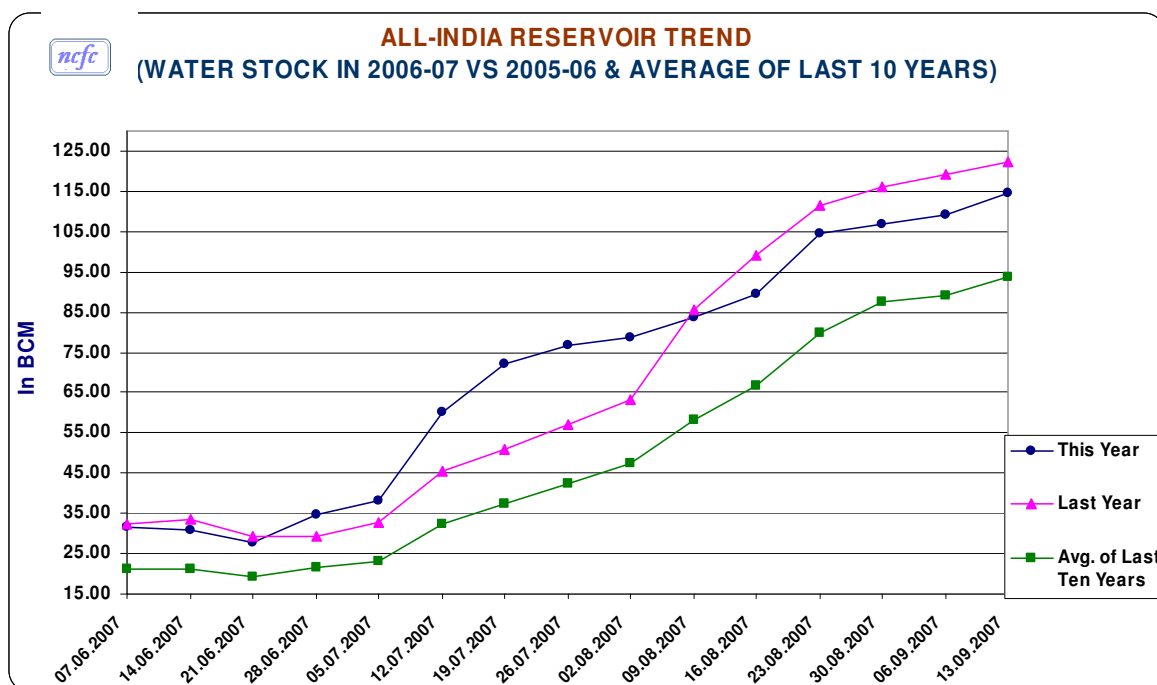
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	75	94	122
Last Week	72	92	122

The percentage to live capacity at FRL was 80% on 13/09/2006, 69% on 13/09/2005, 55% on 13/09/2004 and 51% on 13/09/2003 .

\* *Live storage as % to Full Reservoir Level (FRL) of 152.01 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 72 reservoirs having storage more than 80%, 5 reservoirs having storage between 50% to 80% of Normal Storage and 2 reservoirs having storage between 30% to 50% of Normal Storage.
- There were two reservoirs namely Vanivilas Sagar (Kar) and Sriramsagar (AP) having storage less than 30% of normal.



Source: Central Water Commission

### **Fertilizer Position:**

**Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during 1<sup>st</sup> to 9<sup>th</sup> September, 2007**

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Availability during 1<sup>st</sup> to 9<sup>th</sup> Sept, 07</i>	<i>2173</i>	<i>499</i>	<i>302</i>
<i>Sales during 1<sup>st</sup> to 9<sup>th</sup> Sept, 07</i>	<i>226</i>	<i>17</i>	<i>50</i>
<i>Closing Stock as on 09.09.2007</i>	<i>1947</i>	<i>482</i>	<i>252</i>
<i>Requirement for September, 2007</i>	<i>2282</i>	<i>637</i>	<i>303</i>

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

### **Pest & Diseases:**

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

**Table: 4**

All India Crop Situation - Kharif (2007-08) as on 14-09-2007								
Crop Name	Normal Area	(In lakh hectares)				Change vis-à-vis prev. year		Remarks
		Area sown reported			Last Year	Absolute	Percentage	
		This Year	% of Normal					
<b>Rice</b>	<b>381.89</b>	<b>355.73</b>	<b>93.1</b>	<b>355.16</b>	<b>0.6</b>	<b>0.2</b>	AP (-1.2, -6.1), Ass(+2.1, +11.6), Bih (+0.5, +1.4), Chhat(-0.6, -1.8), Guj (+1.1, +16.9), Ker(-0.3, -26.3), MP (-1.6, -10.4), Maha (+0.9, +6.6), Pun (-0.5, -1.8), TN (-0.3, -10.3), UP (-0.6, -1.0), WB (+1.2, +2.7)	
<b>Jowar</b>	<b>44.28</b>	<b>33.92</b>	<b>76.6</b>	<b>34.98</b>	<b>-1.1</b>	<b>-3.0</b>	AP (+0.2, +10.9), MP (-0.4, -7.9), Maha(-1.5, -11.1), UP (+0.5, +17.9)	
<b>Bajra</b>	<b>93.89</b>	<b>82.17</b>	<b>87.5</b>	<b>78.23</b>	<b>3.9</b>	<b>5.0</b>	Kar (+0.2, +5.6), Maha (-1.9, -13.6), Raj (+5.5, +15.5)	
<b>Maize</b>	<b>62.16</b>	<b>76.17</b>	<b>122.5</b>	<b>71.74</b>	<b>4.4</b>	<b>6.2</b>	AP(+0.5, +10.4), Kar (+2.2, +25.5), Maha (+1.1, +22.5), Raj (+0.3, +3.3), Pun (+0.2, +13.6), TN (+0.2, 48.9), UP (-0.4, -3.9)	
<b>Total Coarse Cereals</b>	<b>228.86</b>	<b>213.33</b>	<b>93.2</b>	<b>202.53</b>	<b>10.8</b>	<b>5.3</b>	AP (+0.7, +8.2), Chhat(-0.2, -1.9), Kar (+6.0, +30.3), MP (-0.3, -1.6), Maha (-2.4, -6.9), Raj (+5.9, +11.6), TN (+0.6, +30.2), UP (+0.4, +2.1)	
<b>Total Cereals</b>	<b>610.75</b>	<b>569.06</b>	<b>93.2</b>	<b>557.69</b>	<b>11.4</b>	<b>2.0</b>		
<b>Cotton</b>	<b>83.44</b>	<b>90.68</b>	<b>108.7</b>	<b>86.89</b>	<b>3.8</b>	<b>4.4</b>	AP (+1.9, +21.6), Guj (+1.7, +7.4), Har (-0.5, -9.8), Kar (-0.2, -8.2), Maha (+0.5, +1.5), Pun(+0.4, +6.8)	
<b>Sugarcane</b>	<b>41.70</b>	<b>51.04</b>	<b>122.4</b>	<b>48.32</b>	<b>2.7</b>	<b>5.6</b>	AP (-0.6, -20.8), Bih (+1.6, +143.4), Guj (-0.5, -24.8), Kar (-0.4, -15.8), Maha(+2.1, +24.9), Pun (+0.4, +41.3), UP (-0.2, -0.8)	
<b>Jute</b>	<b>8.38</b>	<b>8.29</b>	<b>99.0</b>	<b>8.18</b>	<b>0.1</b>	<b>1.4</b>	WB (+0.1, +0.9)	
<b>Mesta</b>	<b>1.66</b>	<b>1.48</b>	<b>89.0</b>	<b>1.53</b>	<b>-0.1</b>	<b>-3.5</b>		
<b>Tur</b>	<b>34.71</b>	<b>38.10</b>	<b>109.8</b>	<b>35.71</b>	<b>2.4</b>	<b>6.7</b>	AP (+0.7, +19.3), Bih (-0.4, -32.7), Kar (+0.8, +15.4), Maha (+0.9, +8.6), UP(+0.2, +4.7)	
<b>Urad</b>	<b>26.14</b>	<b>27.09</b>	<b>103.6</b>	<b>24.17</b>	<b>2.9</b>	<b>12.1</b>	Guj (+1.2, +100.0), MP (+0.2, +4.3), Maha (+1.3, +26.7), Raj (+0.2, +13.7)	
<b>Moong</b>	<b>26.16</b>	<b>31.33</b>	<b>119.8</b>	<b>24.27</b>	<b>7.1</b>	<b>29.1</b>	AP (+0.6, +22.0), Guj (+2.1, +100.0), Kar (+0.7, +16.9), Maha (+1.2, +20.9), Raj (+2.2, +27.7), UP (+0.2, +44.1)	
<b>Others</b>	<b>22.64</b>	<b>24.73</b>	<b>109.2</b>	<b>26.20</b>	<b>-1.5</b>	<b>-5.6</b>		
<b>Total Pulses</b>	<b>108.62</b>	<b>121.25</b>	<b>111.6</b>	<b>110.35</b>	<b>10.9</b>	<b>9.9</b>	AP (+3.4, +48.5), Bih (-0.7, -39.2), Chhat(+0.4, +11.1), Jhar (-0.5, -19.3), Kar (+2.2, +17.5), MP (+0.2, +2.2), Maha (+3.3, +14.2), Raj (+1.2, +5.5), TN (+0.5, +65.3), UP (+0.5, +4.7)	
<b>Total Foodgrains</b>	<b>719.37</b>	<b>690.31</b>	<b>96.0</b>	<b>668.03</b>	<b>22.3</b>	<b>3.3</b>		
<b>Groundnut</b>	<b>54.84</b>	<b>53.24</b>	<b>97.1</b>	<b>47.28</b>	<b>6.0</b>	<b>12.6</b>	AP (+4.2, +38.9), Kar (+1.4, +23.3), Maha (-0.3, -7.3), Raj (+0.2, +5.4), TN (+0.5, +20.1), UP (-0.2, -13.5)	
<b>Soyabean</b>	<b>65.98</b>	<b>87.48</b>	<b>132.6</b>	<b>80.97</b>	<b>6.5</b>	<b>8.0</b>	MP (+3.0, +6.5), Maha (+2.2, +9.1), Raj (+1.2, +19.0), UP (-0.1, -35.3)	
<b>Sunflower</b>	<b>5.49</b>	<b>7.27</b>	<b>132.4</b>	<b>8.34</b>	<b>-1.1</b>	<b>-12.8</b>	Kar (-0.7, -12.7), Maha (-0.5, -37.9)	
<b>Sesamum</b>	<b>15.40</b>	<b>15.09</b>	<b>98.0</b>	<b>16.80</b>	<b>-1.7</b>	<b>-10.2</b>	Guj (-0.5, -14.6), MP (-0.2, -7.1), Ori (-0.4, -28.9), Raj (-0.4, -10.8)	
<b>Niger</b>	<b>4.39</b>	<b>2.90</b>	<b>66.1</b>	<b>2.53</b>	<b>0.4</b>	<b>14.6</b>	Kar (+0.1, +34.8), MP (+0.3, +28.6)	
<b>Castor</b>	<b>7.68</b>	<b>7.04</b>	<b>91.7</b>	<b>5.80</b>	<b>1.2</b>	<b>21.4</b>	Guj (+1.3, +57.8), Raj (-0.1, -17.7)	
<b>Total Oilseed (Nine)</b>	<b>153.78</b>	<b>173.01</b>	<b>112.5</b>	<b>161.72</b>	<b>11.3</b>	<b>7.0</b>	AP (+4.3, +27.4), Guj (+1.1, +4.8), Kar (+0.7, +5.1), MP (+3.1, +6.0), Maha (+1.3, +4.4), Ori (-0.4, -14.6), Raj (+0.8, +5.9), TN (+0.6, +17.7), UP (-0.4, -11.0)	
<b>All- Crops</b>	<b>1008.33</b>	<b>1014.81</b>	<b>100.6</b>	<b>974.67</b>	<b>40.1</b>	<b>4.1</b>		

Source: Crops & TMOP Divisions, DAC

## Price Situation of Agricultural Commodities as submitted by the Department of Consumer Affairs

### Inflation

The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 01.09.2007 decreased by 0.27 percentage points to 3.52% from the previous week's level 3.79%. The inflation rate was 5.34% during the corresponding period last year.

**Table – 7: Retail prices of Essential Agricultural Commodities at Delhi**

(Rs. Per Kg.)						
Items	Current price 13.09.07	1 week ago 06.09.07	Fortnight ago 30.08.07	1 month ago 13.08.07	1 year ago 13.09.06	% Variation 13.09.07 over 13.09.06
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	15.00	15.00	16.00	15.00	14.00	7.1
Wheat	12.00	12.00	12.00	12.00	11.00	9.1
Atta	13.00	13.00	13.00	13.00	12.00	8.3
Gram Dal	34.00	34.00	34.00	34.00	37.00	-8.1
Tur Dal	<b>40.00</b>	39.50	39.00	40.00	34.00	17.6
Sugar	16.00	16.00	16.00	16.00	21.00	-23.8
Groundnut Oil	118.00	118.00	118.00	115.00	89.00	32.6
Mustard Oil	62.00	62.00	62.00	62.00	52.00	19.2
Vanaspati	60.00	60.00	60.00	60.00	55.00	9.1
Tea (Loose)	108.00	108.00	107.00	106.00	106.00	1.9
Milk	19.00	19.00	19.00	19.00	17.00	11.8
Potato	<b>14.00</b>	15.00	15.00	15.00	12.00	16.7
Onion	22.00	22.00	22.00	16.00	9.00	144.4

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of most of the essential agricultural commodities namely Rice, Wheat, Atta, Gram dal, Sugar, Groundnut oil, Mustard oil, Vanaspati, Tea (Loose), Milk and Onion remained at the same level as they were last week. Rise in prices was noted in **Tur dal** (50 paise per kg, 1.3%). Fall in prices was noted in **Potato** (Re. 1.00 per kg, 6.7%).

As compared to the last year, increase in prices was noted in **Rice** (Re. 1.00 per kg, 7.1%), **Wheat** (Re. 1.00 per kg, 9.1%), **Atta** (Re. 1.00 per kg, 8.3%), **Tur dal** (Rs. 6.00 per kg, 17.6%), **Mustard Oil** (Rs. 10.00 per ltr., 19.2%), **Groundnut oil** (Rs. 29.00 per ltr, 32.6%), **Vanaspati** (Rs. 5.00 per ltr, 9.1%), **Milk** (Rs. 2.00 per ltr, 11.8%), **Tea (Loose)** (Rs. 2.00 per kg, 1.9%), **Potato** (Rs. 2.00 per kg, 16.7%) and **Onion** (Rs. 13.00 per kg, 144.4%) and decrease in price of **Gram dal** (Rs. 3.00 per kg, (-)8.1%) and **Sugar** (Rs. 5.00 per kg, (-)23.8%) was observed.



## Procurement :

Table – 8: Progressive procurement of Rice as on 14.09.2007 (lakh tonnes)

State	Total procurement in marketing season 2005-06 (Oct. – Sept.)	Progressive Procurement as on 14.09.2007	
		In Marketing season 2006-2007	In Marketing season 2005-2006
Andhra Pradesh	49.72	53.22	48.75
Chhattisgarh	32.65	28.40	32.32
Haryana	20.54	17.73	20.45
Kerala	0.94	1.51	0.94
Maharashtra	1.94	0.96	1.91
Orissa	17.85	19.91	17.26
Punjab	88.55	78.27	88.52
Tamil Nadu	9.26	10.78	9.08
Uttar Pradesh	31.51	25.49	31.20
Uttaranchal	3.36	1.76	3.36
West Bengal	12.75	6.44	12.68
All-India	276.56	250.46	273.92

Table – 9: Progressive procurement of Wheat as on 30.07.2007 (lakh tonnes)

State	Total procurement in marketing season 2006-07 (Apr - Mar)	Progressive Procurement as on 30.07.2007	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Punjab	69.46	67.57	69.46
Haryana	22.29	33.46	22.29
Uttar Pradesh	0.49	5.49	0.49
Rajasthan	0.02	3.83	0.02
Uttaranchal	0.00	0.02	0.00
Madhya Pradesh	0.00	0.57	0.00
All-India	92.25	111.04	92.25

Source: Department of Food & Public Distribution.