

**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 22<sup>nd</sup> August, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 17.08.2007.**

**Presentations in the meeting**

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

**Rainfall during the week ending on 15<sup>th</sup> August, 2007**

- **Widespread rainfall with isolated heavy to very heavy falls** occurred over Orissa and Gangetic West Bengal during 11<sup>th</sup> – 14<sup>th</sup> August, 07 and NE States, Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand and East Uttar Pradesh during second half of the week.
- **Widespread/fairly widespread rainfall** occurred and over Saurashtra & Kutch, Madhya Maharashtra, South Interior Karnataka and Kerala during first half of the week and over Gujarat Region, Konkan & Goa and Coastal Karnataka during many days of the week.
- **Widespread rainfall with scattered heavy to very heavy falls** occurred over Uttrakhand, Himachal Pradesh during second half of the week.
- **Fairly widespread rainfall** also occurred over Jammu & Kashmir during last two days of the week.
- **The rainfall** was subdued over remaining parts of the country where **isolated / scattered rain / thundershower** occurred during many days of the week.
- **Out of 36 meteorological sub-divisions, rainfall during the week was in excess / normal in 15 and deficient / scanty in 21 sub-divisions.**

**Cumulative seasonal rainfall (1<sup>st</sup> June to 15<sup>th</sup> August, 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 15<sup>th</sup> August, 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>383.1</b>	<b>400.0</b>	<b>(-)4</b>	<b>Normal</b>
<b>Central India</b>	<b>729.0</b>	<b>662.4</b>	<b>10</b>	<b>Normal</b>
<b>South Peninsular India</b>	<b>558.8</b>	<b>474.3</b>	<b>18</b>	<b>Normal</b>
<b>North-East India</b>	<b>954.9</b>	<b>963.2</b>	<b>(-)1</b>	<b>Normal</b>
<b>Country as a whole</b>	<b>625.3</b>	<b>592.8</b>	<b>5</b>	<b>Normal</b>

Source: India Meteorological Department, New Delhi

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<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 17<sup>th</sup> - 23<sup>rd</sup> August, 2007 by IMD & NCMRWF***

### ***Outlook for the Week Ending on 22<sup>nd</sup> August, 2007***

- *Widespread rainfall with isolated heavy to very heavy falls are likely over Northeastern States during first half of the week and decrease thereafter.*
- *A low pressure area is likely to form over North Bay of Bengal and adjoining North Orissa - West - Bengal Coast around 18<sup>th</sup> August, 07. Under its influence, rainfall activity is likely to increase over Orissa, Chhattisgarh and North Andhra Pradesh during 18<sup>th</sup> - 20<sup>th</sup> August, 07.*
- *Subdued rainfall activity is likely over Northwest India and remaining parts of Peninsular India.*
- *Western end of monsoon trough is running close to foot hills of Himalaya and Eastern part passes trough Muzaffarpur, Asansol, Kolkata and thence Southeastwards to East-central Bay of Bengal. Under this scenario fairly widespread rainfall with isolated heavy falls is likely along foot hills of Himalaya.*
- *Model prediction suggest that a Westerly trough is likely to affect hilly region of NW India around 21<sup>st</sup> August, 07.*

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

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

- *J & K, H.P. and Uttaranchal are likely to receive scattered rains during 20<sup>th</sup> - 21<sup>st</sup> August, 2007.*
- *Haryana, Delhi and West Uttar Pradesh are likely to experience isolated showers during the period.*

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

- *Fairly widespread rainfall with isolated heavy fall is likely over Orissa, West Bengal, Jharkhand and NE States during 17<sup>th</sup> - 19<sup>h</sup> Aug 07 then decrease thereafter.*
- *Scattered rainfall is likely over Orissa, Jharkhand and Bihar during 17<sup>th</sup> - 20<sup>h</sup> August, 07 than increase thereafter.*

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

- *Isolated rainfall is likely over region during 17<sup>th</sup> - 21<sup>st</sup> Aug 07. The rainfall activity may enhance in and around Chhattisgarh after 2 days.*

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

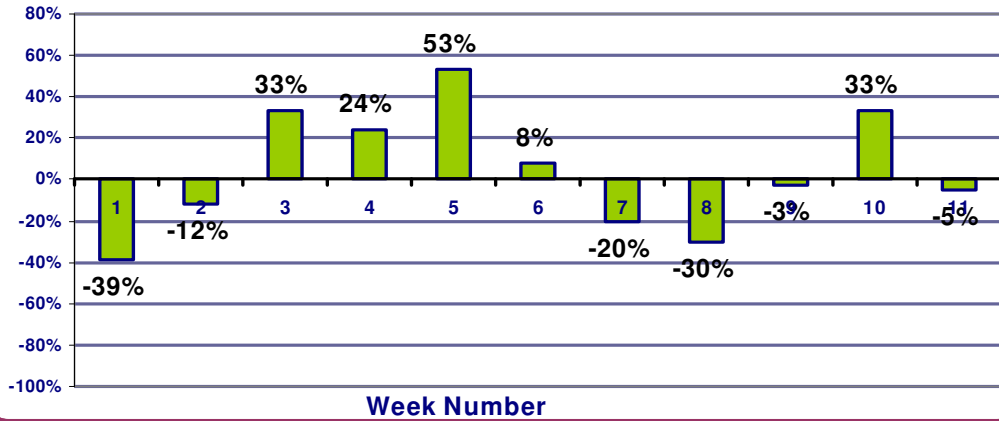
- *Scattered rainfall is likely over Coastal Karnataka and Kerala during 17<sup>th</sup> - 21<sup>st</sup> Aug, 07.*
- *Isolated rainfall is likely over Coastal A.P., Telangana and Interior Karnataka during 17<sup>th</sup> - 20<sup>th</sup> Aug, 07.*
- *Rainfall activity may increase over Rayalseema and Tamil Nadu during 17<sup>th</sup> - 20<sup>th</sup> Aug, 07.*

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

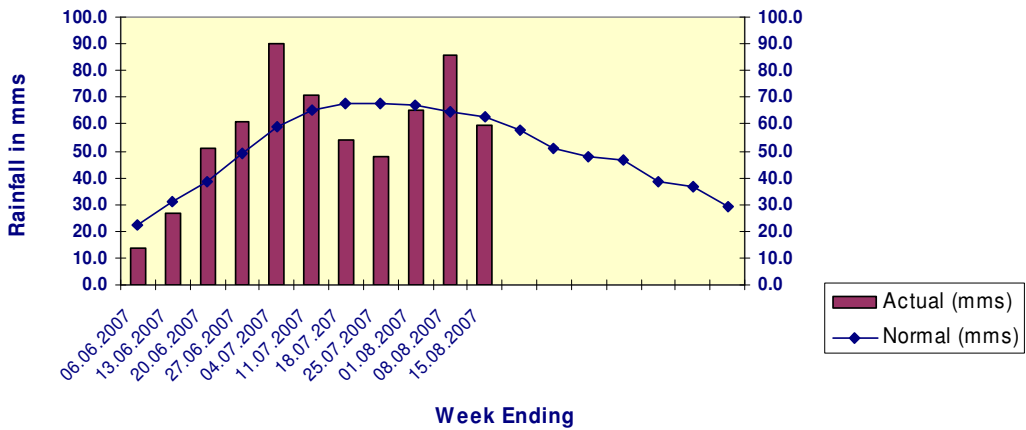
- *Fairly widespread rainfall is likely over Konkan & Goa and Madhya Maharashtra.*
- *Scattered rainfall is likely over Marathwara after 48 hours.*
- *Isolated rainfall is likely over rest of the region during 17<sup>th</sup> - 21<sup>st</sup> Aug, 07.*

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

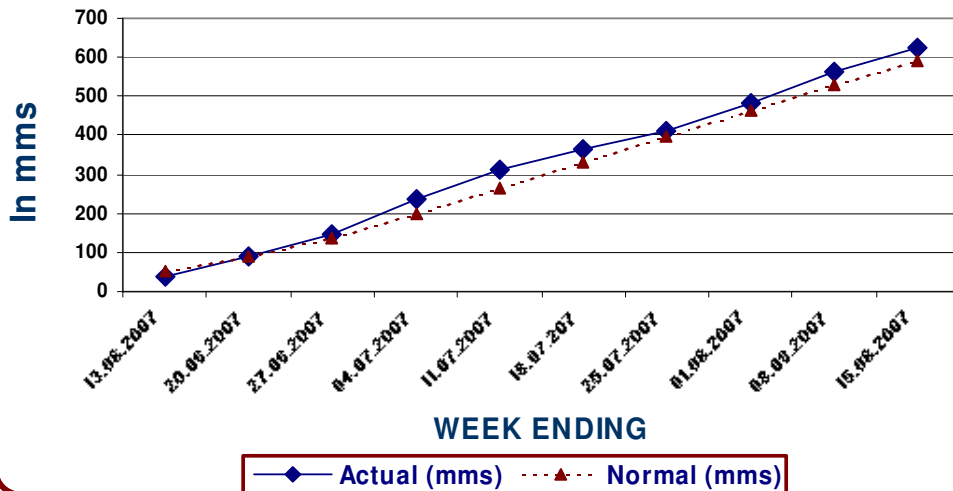
(Monsoon 2007 - from 01.06.2007 to 15.08.2007)



### 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 16.08.2007)

- The **Central Water Commission** monitors the live storage of **80** important/major reservoirs, having Full Reservoir Level (FRL) of **142.27** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 80 major reservoirs increased to 89.55 BCM. The current storage is less than the last year's position of 99.25 BCM and more than the average of last 10 year's storage of 66.72 BCM.

**Table – 2: For 80 major reservoirs of the country**

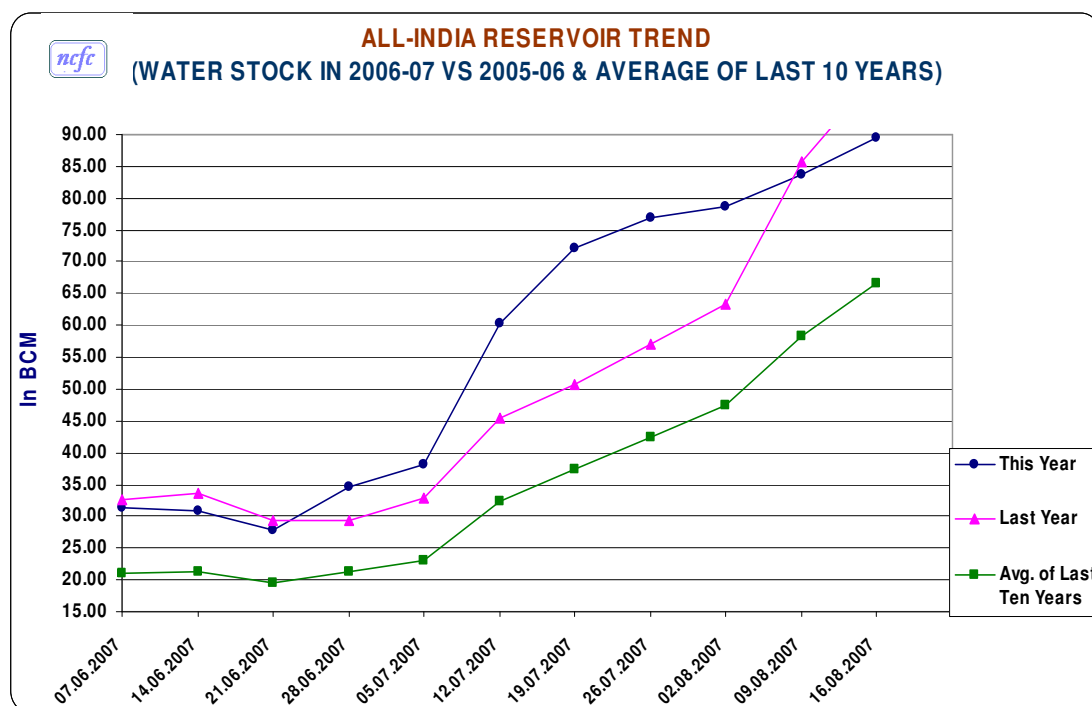
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	63	90	134
Last Week	61	98	144

The percentage to live capacity at FRL was 70% on 16/08/2006, 65% on 16/08/2005, 47% on 16/08/2004 and 38% on 16/08/2003 .

\* Live storage as % to Full Reservoir Level (FRL) of 142.27 Billion Cub. Mts.(BCM)

Source: CWC

- There were 70 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 Rihand (UP) having storage less than 30% of normal and there was no live storage in one reservoir namely Sriramsagar (A.P.).



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 15<sup>th</sup> August, 2007**

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Requirement for August, 2007</i>	<i>2203</i>	<i>616</i>	<i>321</i>
<i>Availability during 1<sup>st</sup> to 15<sup>th</sup> Aug, 07</i>	<i>4228</i>	<i>1068</i>	<i>490</i>
<i>Sales during 1<sup>st</sup> to 15<sup>th</sup> Aug, 07</i>	<i>2047</i>	<i>503</i>	<i>191</i>
<i>Closing Stock as on 15.08.2007</i>	<i>2181</i>	<i>565</i>	<i>299</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 17-08-2007								
Crop Name	Normal Area	(In lakh hectares)						Remarks
		Area sown reported			Change vis-à-vis prev. year		Changes in major States (abs. %)	
		This Year	% of Normal	Last Year	Absolute	Percentage		
<b>Rice</b>	<b>381.89</b>	<b>278.37</b>	<b>72.9</b>	<b>281.26</b>	<b>-2.9</b>	<b>-1.0</b>	Ass(+0.8, +5.1), Bih (+2.0, +8.4), Chhat(-0.9, -2.9),Guj (+1.0, +18.6), Jhar (+1.1, +17.0), Kar (-0.6, -10.9), MP (-3.1, -22.0), Ori (-1.6, -5.6), Pun (-0.5, -1.8), UP (-3.7, -7.3), WB (+2.2, +7.0)	
<b>Jowar</b>	<b>44.28</b>	<b>31.52</b>	<b>71.2</b>	<b>33.40</b>	<b>-1.9</b>	<b>-5.6</b>	MP (-0.8, -13.7), Maha(-1.4, -10.2), Raj (+0.3, +5.1)	
<b>Bajra</b>	<b>93.89</b>	<b>77.07</b>	<b>82.1</b>	<b>72.70</b>	<b>4.4</b>	<b>6.0</b>	Kar (+0.2, +4.6), Maha (-1.8, -12.8), Raj (+7.8, +23.6), UP(-1.7, -27.9)	
<b>Maize</b>	<b>62.16</b>	<b>71.49</b>	<b>115.0</b>	<b>67.76</b>	<b>3.7</b>	<b>5.5</b>	AP(+0.8, +17.0), Bih (-0.2, -4.8), Guj (-0.3, -7.5), Kar (+2.0, +26.4), Maha (+1.1, +22.7), Ori (+0.2, +8.6), UP (-0.5, -4.8)	
<b>Total Coarse Cereals</b>	<b>228.86</b>	<b>195.27</b>	<b>85.3</b>	<b>186.57</b>	<b>8.7</b>	<b>4.7</b>	AP (+1.0, +14.1), Bih (-0.4, -9.4), Chhat(-0.4, -14.9), Guj (-0.4, -3.5), Kar (+5.2, +31.7), MP (-1.0, -5.3), Maha (-2.3, -6.7), Raj (+8.3,+17.4), UP (-1.9, -10.4)	
<b>Total Cereals</b>	<b>610.75</b>	<b>473.64</b>	<b>77.6</b>	<b>467.83</b>	<b>5.8</b>	<b>1.2</b>		
<b>Cotton</b>	<b>83.44</b>	<b>87.45</b>	<b>104.8</b>	<b>82.49</b>	<b>5.0</b>	<b>6.0</b>	AP (+3.2, +58.1), Guj (+1.4, +6.1), Har (-0.5, -9.8), Kar (-0.4, -18.1), Maha (+0.4, +1.2), Pun(+0.4, +6.8), Raj (+0.5, +14.8)	
<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>7.89</b>	<b>94.2</b>	<b>8.18</b>	<b>-0.3</b>	<b>-3.5</b>	WB (-0.4, -5.9)	
<b>Mesta</b>	<b>1.66</b>	<b>1.47</b>	<b>88.8</b>	<b>1.53</b>	<b>-0.1</b>	<b>-3.7</b>		
<b>Tur</b>	<b>34.71</b>	<b>34.52</b>	<b>99.4</b>	<b>33.02</b>	<b>1.5</b>	<b>4.5</b>	AP (+1.1, +34.4), Bih (-0.5, -43.5), MP (-0.5, -13.3), Maha (+1.2, +11.4)	
<b>Urad</b>	<b>26.14</b>	<b>22.17</b>	<b>84.8</b>	<b>21.08</b>	<b>1.1</b>	<b>5.2</b>	Chhat (-0.7, -76.3), Guj (+1.2, +100.0), Maha (+1.4, +28.4), Ori(-0.4, -22.0), Pun(-0.2, -100.0)	
<b>Moong</b>	<b>26.16</b>	<b>30.65</b>	<b>117.2</b>	<b>22.86</b>	<b>7.8</b>	<b>34.1</b>	AP (+0.6, +24.8), Chhat (+1.0, +517.8), Guj (+2.1, +100.0), Kar (+0.6, +15.8), Maha (+1.2, +20.5), Raj (+2.2, +29.6)	
<b>Others</b>	<b>22.64</b>	<b>19.76</b>	<b>87.3</b>	<b>21.50</b>	<b>-1.7</b>	<b>-8.1</b>		
<b>Total Pulses</b>	<b>108.62</b>	<b>107.10</b>	<b>98.6</b>	<b>98.46</b>	<b>8.6</b>	<b>8.8</b>	AP (+1.9, +29.1), Bih (-0.8, -44.2), Jhar (+1.4, +100.0), Kar (+1.1, +9.1), MP (-1.0, -9.4), Maha (+3.6, +15.9), Ori (-0.6, -12.6), Raj (+2.0, +9.6), TN (+0.5, +300.0)	
<b>Total Foodgrains</b>	<b>719.37</b>	<b>580.74</b>	<b>80.7</b>	<b>566.29</b>	<b>14.4</b>	<b>2.6</b>		
<b>Groundnut</b>	<b>54.84</b>	<b>49.93</b>	<b>91.0</b>	<b>43.39</b>	<b>6.5</b>	<b>15.1</b>	AP (+5.2, +61.7), Kar (+1.3, 24.1), Maha (-0.3, -7.4), UP (-0.2, -14.6),	
<b>Soyabean</b>	<b>65.98</b>	<b>86.07</b>	<b>130.4</b>	<b>79.55</b>	<b>6.5</b>	<b>8.2</b>	Guj (+0.2, +36.5), MP (+2.8, +6.2), Maha (+2.3, +9.6), Raj (+1.1, +18.1)	
<b>Sunflower</b>	<b>5.49</b>	<b>6.45</b>	<b>117.5</b>	<b>7.52</b>	<b>-1.1</b>	<b>-14.2</b>	AP (+0.2, +22.4), Kar (-1.1, -19.9), Maha (-0.2, -24.5)	
<b>Sesamum</b>	<b>15.40</b>	<b>14.21</b>	<b>92.3</b>	<b>14.87</b>	<b>-0.7</b>	<b>-4.4</b>	AP (+0.2, 28.4), Guj (-0.5, -12.9), MP (-0.2, -8.1), TN (-0.1, -28.6)	
<b>Niger</b>	<b>4.39</b>	<b>1.99</b>	<b>45.3</b>	<b>1.53</b>	<b>0.5</b>	<b>30.1</b>	Kar (+0.1, +26.3), MP (+0.4, 54.2)	
<b>Castor</b>	<b>7.68</b>	<b>6.00</b>	<b>78.1</b>	<b>5.38</b>	<b>0.6</b>	<b>11.5</b>	Guj (+0.7, +34.5), Raj (-0.2, -20.3)	
<b>Total Oilseed (Nine)</b>	<b>153.78</b>	<b>164.65</b>	<b>107.1</b>	<b>152.24</b>	<b>12.4</b>	<b>8.2</b>	AP (+5.7, +43.5), Guj (+0.6, +2.6), MP (+3.0, +5.8), Maha (+1.7, +5.8), Raj (+1.2, +8.7), UP (-0.3, -10.1)	
<b>All- Crops</b>	<b>1008.33</b>	<b>893.24</b>	<b>88.6</b>	<b>859.05</b>	<b>34.2</b>	<b>4.0</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 04.08.2007 declined by 0.40 percentage points to 4.05% from the previous week's level 4.45%. The inflation rate was 5.08% during the corresponding period last year.

**Table – 5: Retail prices of Essential Agricultural Commodities at Delhi**

						(Rs. Per Kg.)
Items	Current price 16.08.07	1 week ago 09.08.07	Fortnight ago 02.08.07	1 month ago 16.07.07	1 year ago 17.08.06	% Variation 16.08.07 over 17.08.06
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	15.00	15.00	15.00	15.00	14.00	7.1
Wheat	12.00	12.00	12.00	11.00	10.00	20.0
Atta	13.00	13.00	13.00	12.50	11.00	18.2
Gram Dal	<b>34.00</b>	33.00	33.00	33.00	32.00	6.3
Tur Dal	<b>40.00</b>	39.00	40.00	39.00	33.00	21.2
Sugar	16.00	16.00	16.00	17.00	21.00	-23.8
Groundnut Oil	<b>115.00</b>	114.00	107.00	104.00	85.00	35.3
Mustard Oil	<b>62.00</b>	61.00	60.00	60.00	52.00	19.2
Vanaspati	60.00	60.00	59.00	58.00	53.00	13.2
Tea (Loose)	106.00	106.00	106.00	106.00	105.00	1.0
Milk	19.00	19.00	19.00	18.00	16.00	18.8
Potato	<b>16.00</b>	15.00	13.00	13.00	11.00	45.5
Onion	<b>17.00</b>	15.00	14.00	15.00	9.50	78.9

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of most of the essential agricultural commodities namely Rice, Wheat, Atta, Sugar, Vanaspati, Tea (Loose) and Milk remained at the same level as they were last week. Rise in prices was noted in **Gram dal** (Re. 1.00 per kg, 3.0%), **Tur dal** (Re. 1.00 per kg, 2.6%), **Groundnut oil** (Re.1.00 per kg, 0.9%), **Mustard oil** (Re. 1.00 per kg, 1.6%), **Potato** (Re. 1.00 per kg, 6.7%) and **Onion** (Rs. 2.00 per kg, 13.3%).

As compared to the last year increase in prices was noted in **Rice** (Re. 1.00 per kg, 7.1%), **Wheat** (Rs. 2.00 per kg, 20.0%), **Atta** (Rs. 2.00 per kg, 18.2%), **Gram Dal** (Rs. 2.00 per kg, 6.3%), **Tur dal** (Rs. 7.00 per kg, 21.2%), **Mustard Oil** (Rs. 10.00 per ltr., 19.2%), **Groundnut oil** (Rs. 30.00 per ltr, 35.3%), **Vanaspati** (Rs. 7.00 per ltr, 13.2%), **Milk** (Rs. 3.00 per ltr, 18.8%), **Tea (Loose)** (Re. 1.00 per kg, 1.0%), **Potato** (Rs. 5.00 per kg, 45.5%) and **Onion** (Rs. 7.50 per kg, 78.9%) and decrease in price of **Sugar** (Rs. 5.00 per kg, (-)23.8%) was observed.



## Procurement :

Table – 6: Progressive procurement of Rice as on 17.08.2007 (lakh tonnes)

State	Total procurement in marketing season 2005-06 (Oct. – Sept.)	Progressive Procurement as on 17.08.2007	
		In Marketing season 2006-2007	In Marketing season 2005-2006
Andhra Pradesh	49.72	53.08	47.24
Chhattisgarh	32.65	28.30	31.81
Haryana	20.54	17.73	20.45
Kerala	0.94	1.51	0.94
Maharashtra	1.94	0.97	1.45
Orissa	17.85	19.80	16.82
Punjab	88.55	78.26	88.50
Tamil Nadu	9.26	10.77	8.64
Uttar Pradesh	31.51	25.49	31.20
Uttaranchal	3.36	1.76	3.36
West Bengal	12.75	6.39	12.65
All-India	276.56	250.05	270.36

Table – 7: 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.