

**F.NO. 3-1/2009-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: 06th August, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 31.07.2009.**

Summary observations of the Group on Agenda Item

- *Cumulative rainfall received for the country as whole, during the period 1st June to 29th July, 2009 was 353.2 mm which is 19% below the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period was (-33%) in North-West India, (1%) in Central India, (-15%) in South Peninsula and (-39%) in North-East India.*
- *Rainfall was Excess/normal in 17 met sub-divisions, deficient in 18 met sub-divisions and scanty in one (West UP) met sub-divisions.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 34.33 BCM on 23.07.2009 to 52.79 BCM on 30.07.2009.*
- *As on 31.07.2009, All-India area sown under kharif crops was 705.52 lakh ha. which is 45.3 lakh ha. (6%) less than the area coverage in the corresponding period of last year. Major decline in area is under Paddy crop (65.5 lakh ha.) mainly contributed by the States of Bihar, Jharkhand, Uttar Pradesh and West Bengal.*
- *Area under Pulses was reported to be 73.58 lakh ha. which is 6.5 lakh ha. more than the last year. Major increase was in case of Tur crop(5.3 lakh ha.) particularly in the States of Karnataka and Maharashtra.*
- *Area under Oilseeds was reported to be 141.79 lakh ha. which is 2.9 lakh ha. less than the last year. Decline in area is reported under Groundnut (8.2 lakh ha.), mainly in the States of Andhra Pradesh and Gujarat.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*
- *All-India progressive procurement of Wheat as on 31.07.2009 was 252.92 lakh tonnes which is much higher than the procurement of 225.44 lakh tonnes in the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 31.07.2009 was 321.28 lakh tonnes which is much higher than the procurement of 268.14 lakh tonnes in the corresponding period of last year.*

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 29th July, 2009

- **Southwest monsoon was active/ vigorous** over Gujarat State during first half of the week.
- **Fairly widespread/widespread rainfall** also occurred over Madhya Maharashtra and Konkan & Goa and **scattered to fairly widespread rainfall** occurred over Rajasthan and West Madhya Pradesh during the same period. The rainfall activity decreased thereafter over these regions.
- **Scattered to fairly widespread rainfall** occurred over Northeastern States West Bengal & Sikkim during 1st half of the week and activity increased thereafter with **widespread to fairly widespread rainfall** during 2nd half of the week.
- **Isolated to scattered** Northwest India, Uttar Pradesh and Bihar till 26th July, 09 and activity increased thereafter with **active/vigorous monsoon** condition over many sub-divisions.
- **Rainfall was widespread** over Coastal Karnataka, scattered to fairly widespread over Kerala and isolated to scattered over remaining parts of South India during many days of the week.
- **Rainfall was scattered to fairly widespread** over Vidarbha, Chhattisgarh and Jharkhand and isolated to scattered over Orissa and East Madhya Pradesh during many days of the week
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 17 met sub-divisions and deficient / scanty in 19 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st June to 29th July, 2009)** was in excess / normal in 17, deficient / scanty in 19 sub-divisions and no rain in one met sub-divisions.

Table-1: Weekly and Cumulative Rainfall in four regions of the country ¹

| Region | Week Ending (29.07.09) | | | | Cumulative (01.06.09 to 29.07.09) | | | |
|-------------------------------|------------------------|-------------|--------------|----------|-----------------------------------|--------------|-----------------------|---------------|
| | (in mm) | | Devi. (%) | Cat. | (in mm) | | Devia- tion (%) | Cate- gory |
| | Actual | Normal | | | Actual | Normal | | |
| North-West India | 47.2 | 53.8 | -12 | N | 182.3 | 270.1 | -33 | D |
| Central India | 68.3 | 76.9 | -11 | N | 479.0 | 476.2 | 1 | N |
| South Peninsular India | 16.2 | 53.2 | -70 | S | 312.2 | 367.1 | -15 | N |
| North-East India | 98.2 | 98.9 | -1 | N | 467.4 | 764.6 | -39 | D |
| Country as a whole | 56.3 | 68.7 | -18 | N | 353.2 | 437.4 | -19 | N |

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

Source: India Meteorological Department, New Delhi

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 30th July - 05th August, 2009 by IMD

Outlook for the Week Ending 05th August, 2009

- *The monsoon trough is likely to remain to the North of its normal position till 1st August 09. It is likely to shift southwards from 2nd August, 09 onwards.*
- *Development of a cyclonic circulation/ a feeble low pressure area is likely over northwest Bay of Bengal around 2nd August, 09.*
- *In association of the above systems, ongoing enhanced rainfall activity likely to continue along the foothills of Himalayas, Bihar, Sub Himalaya West Bengal & Sikkim and northeastern states till 1st August, 09 and decrease thereafter.*
- *Increase in rainfall activity likely over Orissa, Chhattisgarh during 2nd half of the week.*
- *Scattered rainfall activity is likely over Northwest India.*
- *Subdued rainfall activity is likely over Western and Peninsular parts of country and along the West coast.*

Warning:

- *Isolated heavy to very heavy rainfall is likely over North Eastern States.*
- *Isolated heavy rainfall is likely over West Bengal & Sikkim, Bihar, Kerala and Coastal Karnataka.*

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at few places over Himachal Pradesh, Punjab, Haryana, Uttarakhand, East Rajasthan and Uttar Pradesh..*
- *Isolated rain / thundershowers over Jammu & Kashmir and West Rajasthan..*

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

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

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

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

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

- *Rain/thundershowers at many places over Coastal Karnataka, Kerala and Andaman & Nicobar Islands.*
- *Rain/thundershowers at a few places over the rest region.*

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

- *Rain/thundershowers at many places over Konkan & Goa and South Madhya Maharashtra.*
- *Rain/thundershowers at a few places over the rest region.*

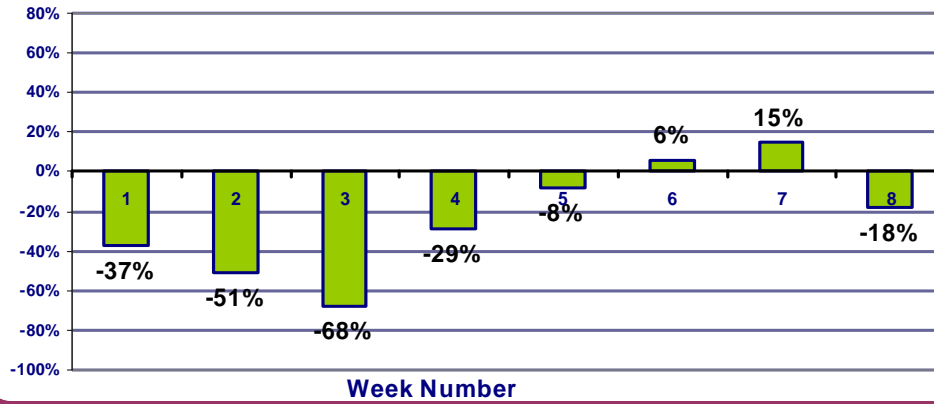
Central India (MP, Chhattisgarh, Vidarbha)

- *Rain/thundershowers at a few places over the region.*

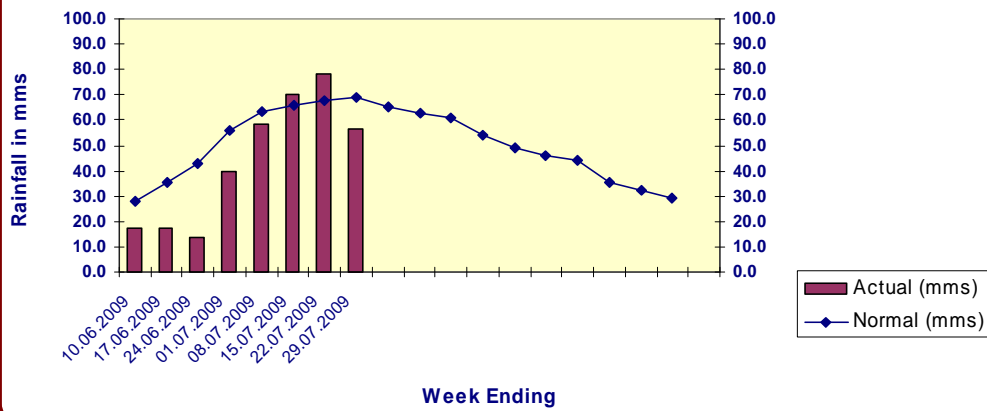


Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

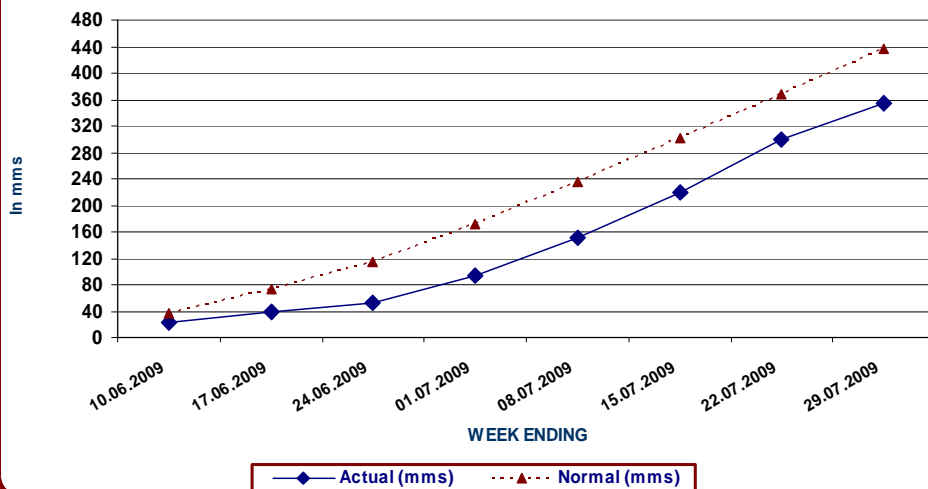
(Monsoon 2009 - from 01.06.2009 to 29.07.2009)



Weekly Rainfall Distribution in Monsoon 2009 - All India



Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2009



Reservoir Status (For the week ending on 30.07.2009)

- 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 52.79 BCM from the previous week's level of 47.14 BCM. Current storage is less than the last year's position of 51.94 BCM and the average of last 10 year's storage of 44.00 BCM.

Table – 2: For 81 major reservoirs of the country

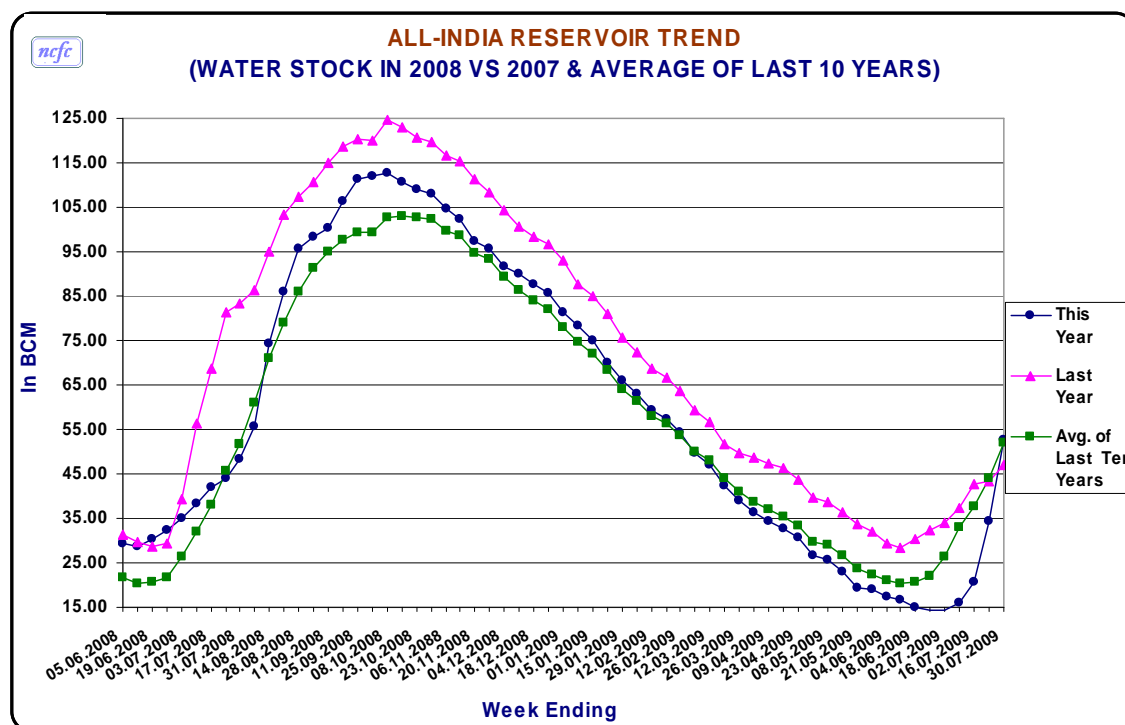
| Period | Current Year's Storage as % of FRL* | Current Year's storage as % of last year | Current year as a % of 10 years average level |
|--------------|-------------------------------------|--|---|
| Current Week | 35 | 112 | 102 |
| Last Week | 23 | 79 | 78 |

The percentage to live capacity at FRL was 31% on 30/07/2008, 54% on 30/07/2007, 47% on 28/07/2006 and 38% on 28/07/2005 .

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

Source: CWC

- There were 51 reservoirs having storage more than 80%, 14 reservoirs having storage between 50% to 80% of Normal Storage, 8 reservoirs having storage between 30% to 50% of Normal Storage and 5 reservoirs having storage below 30% of normal storage.
- There were three reservoirs namely Sriramsagar (AP), Isapur (Maha) and Yeldari (Maha) having no live storage.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April, May, June & July 2009

(in '000 Tonnes)

| <i>Availability / Sale / Closing Stock</i> | <i>Urea</i> | <i>DAP</i> | <i>MOP</i> | <i>Complex</i> |
|---|-------------|-------------|-------------|----------------|
| <i>Requirement as on 1st April to 20th July, 2009</i> | <i>8897</i> | <i>3296</i> | <i>1307</i> | <i>3125</i> |
| <i>Availability during 1st April to 20th July, 2009</i> | <i>6425</i> | <i>3978</i> | <i>1052</i> | <i>2047</i> |
| <i>Sales during 1st April to 20th July, 2009</i> | <i>5107</i> | <i>3562</i> | <i>954</i> | <i>1782</i> |
| <i>Closing Stock as on 20.07.2009</i> | <i>1318</i> | <i>416</i> | <i>98</i> | <i>265</i> |
| <i>Requirement for August, 2009</i> | <i>2524</i> | <i>751</i> | <i>415</i> | <i>889</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

| All India Crop Situation - Kharif (2009) as on 31-07-2009 | | | | | | | |
|---|-------------|--------------------|-------------|-----------|-----------------------------|------------|--|
| Crop Name | Normal Area | (In lakh hectares) | | | | | Remarks |
| | | Area sown reported | | | Change vis-à-vis prev. year | | |
| | | This Year | % of Normal | Last Year | Absolute | Percentage | |
| Changes in major States (abs. %) | | | | | | | |
| Rice | 391.97 | 191.30 | 48.8 | 256.76 | -65.5 | -25.5 | AP (+0.5, +9.3), Ass(-0.7, -5.2), Bih (-14.2, -57.9), Chhat (-2.8, -9.1), Har(-1.2, -10.9), Jhar (-4.5, -63.8), Kar (+0.6, +17.6), Ori(-2.9, -12.6), Pun(-0.4, -1.6), TN (-0.4, -21.4), UP (-28.1, -48.4), WB (-11.3, -47.1) |
| Jowar | 39.12 | 25.61 | 65.5 | 22.66 | 3.0 | 13.0 | AP (+0.2, +27.5), Kar (+0.2, +9.0), MP (-0.7, -14.5), Maha (+3.7, +61.5), Raj (-0.2, -3.8), UP (-0.2, -11.6) |
| Bajra | 97.01 | 61.99 | 63.9 | 60.07 | 1.9 | 3.2 | Guj (+0.8, +22.2), Har (-1.3, -20.7), Kar (+1.7, +249.3), Maha (+6.9, +308.5), Raj (-3.4, -8.7), UP (-2.7, -42.5) |
| Maize | 68.04 | 62.92 | 92.5 | 59.23 | 3.7 | 6.2 | AP (+0.4, +13.4), Bih(-0.4, -14.0), Chhat (-0.2, -10.7), Guj (+0.4, +12.9), HP (+0.4, +21.5), J&K (-0.4, -21.5), Jhar (-0.4, -27.1), Kar(+3.5, +56.2), Maha (+2.5, +84.1), Raj(-0.6, -6.0), UP (-1.1, -13.2) |
| Total Coarse Cereals | 229.62 | 159.56 | 69.5 | 153.25 | 6.3 | 4.1 | AP(+0.6, +13.7), Bih (-0.4, -14.2), Chhat (-0.7, -27.9), Guj (+1.3, +16.97), Har(-1.2, -16.8), J&K (-0.4, -22.93), Jhar (-0.4, -24.4), Kar (+4.1, +34.1), MP (-0.9, -5.9), Maha(+12.8, +105.6), Raj (-4.3, -7.78), UP (-4.0, -22.87) |
| Total Cereals | 621.59 | 350.86 | 56.4 | 410.01 | -59.2 | -14.4 | |
| Tur | 35.80 | 27.22 | 76.0 | 21.92 | 5.3 | 24.2 | AP(+0.4, +24.8), Kar (+2.4, +150.6), MP (+0.8, +25.3), Maha(+2.5, +36.4), UP(-0.8, -21.7) |
| Urad | 24.32 | 16.40 | 67.4 | 15.66 | 0.7 | 4.7 | Kar (+0.2, +23.6), MP (+1.1, +24.8), Maha (+0.9, +36.6), Ori (-0.2, -28.9), Raj (-0.3, -24.1), UP (-0.9, -27.2) |
| Moong | 27.34 | 19.24 | 70.4 | 18.08 | 1.2 | 6.5 | Guj (+0.4, +45.5), (Kar(+1.8, +112.9), MP (+0.2, 23.3), Maha(+0.3, +8.8), Ori (-0.3, -78.1), Raj (-1.0, -12.9) |
| Others | 24.23 | 10.73 | 44.3 | 11.46 | -0.7 | -6.4 | |
| Total Pulses | 111.69 | 73.58 | 65.9 | 67.12 | 6.5 | 9.6 | AP(+0.3, +6.9), Chhat (-0.2, -12.8), Guj (+0.6, +12.1), Kar (+4.8, +105.5), MP (+2.2, +24.7), Maha (+4.1, +29.9), Ori (-0.6, -20.7), Raj (-2.9, -15.6), UP (-1.8, -25.5) |
| Total Foodgrains | 733.28 | 424.44 | 57.9 | 477.13 | -52.7 | -11.0 | |
| Groundnut | 53.63 | 33.11 | 61.7 | 41.35 | -8.2 | -19.9 | AP (-6.0, -60.9), Guj (-1.7, -9.5), (-0.2, -11.2), Maha (+0.5, +27.5), Raj (-0.4, -43.9) |
| Soyabean | 78.09 | 90.74 | 116.2 | 87.75 | 3.0 | 3.4 | AP (+0.4, +26.6), Kar (+0.4, +20.5), MP (+1.0, +2.1), Maha (+3.0, +12.6), Raj (-1.8, -21.7), |
| Sunflower | 8.05 | 3.87 | 48.1 | 2.02 | 1.9 | 91.6 | Kar (+1.6, +103.9), Maha (+0.4, +444.4) |
| Sesamum | 17.54 | 11.28 | 64.3 | 11.17 | 0.1 | 1.0 | Chhat (-0.3, -60.4), Guj (-0.3, -13.3), Kar (+0.3, +61.9), MP (+0.3, +16.0), Maha (+0.2, +63.3), Raj (+0.2, +5.7), UP (-0.3, -23.2) |
| Niger | 4.31 | 0.61 | 14.2 | 0.63 | 0.0 | -3.2 | |
| Castor | 7.48 | 2.18 | 29.1 | 1.74 | 0.4 | 25.3 | |
| Total Oilseed (Nine) | 169.09 | 141.79 | 83.9 | 144.66 | -2.9 | -2.0 | AP(-5.3, -42.1), Chhat (-0.5, -22.8), Guj(-1.9, -9.1), Kar(+2.1, +26.2), MP(+1.3, +2.3), Maha (+4.1, +15.6), Ori (-0.2, -20.8), Raj (-1.8, -11.6), UP (-0.8, -33.1) |
| Cotton | 87.24 | 89.90 | 103.0 | 78.22 | 11.7 | 14.9 | Guj(+2.0, +9.4), Har (+0.7, +14.3), Kar (+0.9, +48.9), MP (+0.3, +4.2), Maha (+7.9, +31.9) |
| Sugarcane | 44.02 | 42.50 | 96.6 | 43.79 | -1.3 | -2.9 | AP (-0.3, -18.3), Bih(+0.8, +75.9), Kar(-0.3, -9.4), MP (-0.2, -24.7), Maha (-0.3, -4.4), UP(-0.8, -3.9), |
| Jute | 7.98 | 6.89 | 86.4 | 7.06 | -0.2 | -2.4 | |
| All- Crops | 1041.61 | 705.52 | 67.7 | 750.86 | -45.3 | -6.0 | |

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 11.07.2009 increased to -1.17% from the previous week's level of -1.21%. The inflation rate was 12.13% during the corresponding period last year.

The inflation manufactured products **decreased** by 0.15% to (-)0.05% while that of Primary Articles and Fuel, Power, Light and lubricant group increased by 0.56 percentage point to 4.96% and by 0.05 percentage point to (-)10.05% respectively from the previous week's level.

Procurement:

Table – 5: Progressive procurement of Rice as on 31.07.2009 (lakh tonnes)

| State | Total procurement in marketing season 2007-08 (Oct. – Sept.) | Progressive Procurement as on 31.07.2009 | |
|----------------|--|--|-------------------------------|
| | | In Marketing season 2008-2009 | In Marketing season 2007-2008 |
| Andhra Pradesh | 74.17 | 81.74 | 64.47 |
| Chhattisgarh | 27.43 | 26.36 | 30.36 |
| Haryana | 15.72 | 14.25 | 15.72 |
| Kerala | 1.68 | 2.37 | 1.68 |
| Maharashtra | 1.60 | 2.54 | 1.50 |
| Orissa | 23.49 | 27.14 | 22.56 |
| Punjab | 79.07 | 85.48 | 78.75 |
| Tamil Nadu | 9.68 | 11.47 | 7.99 |
| Uttar Pradesh | 28.91 | 36.12 | 27.74 |
| Uttaranchal | 1.47 | 3.49 | 1.47 |
| West Bengal | 15.08 | 14.94 | 9.39 |
| All-India | 285.02 | 321.28 | 268.14 |

Table – 6: Progressive procurement of Wheat as on 31.07.2009 (lakh tonnes)

| State | Total procurement in marketing season 2008-09 (April - March) | Progressive Procurement as on 31.07.2008 | |
|----------------|---|--|-------------------------------|
| | | In Marketing season 2009-2010 | In Marketing season 2008-2009 |
| Punjab | 99.41 | 107.19 | 99.39 |
| Haryana | 52.37 | 69.12 | 52.31 |
| Uttar Pradesh | 31.37 | 38.82 | 31.23 |
| Madhya Pradesh | 24.10 | 19.56 | 23.37 |
| Rajasthan | 9.35 | 11.52 | 9.35 |
| All-India | 226.89 | 252.92 | 225.44 |