

**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: 29th December, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 24.12.2010.**

Summary observations of the Group on Agenda Item

- *In the Post monsoon season, cumulative rainfall received for the country as a whole during the period 1st October to 22nd December, 2010 was 147.4 mm which is 22% more than the L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 110.03 BCM on 16.12.2010 to 107.34 BCM on 23.12.2010.*
- *Area sown reported till 24.12.2010 under Wheat, Coarse Cereals, Pulses and Oilseeds was 97%, 90%, 111% and 85% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 90% of the normal area under rabi crops have been sown upto 24.12.2010, area sown under all rabi crops taken together has been reported to be 541.75 lakh hectares at All India level as compared to 527.50 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 11.1 lakh ha. under Wheat, , 5.9 lakh ha. under Gram and 6.4 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 1.5 lakh ha. under Rice, 3.3 lakh ha. under Jowar, 1.1 lakh ha. under Lentil and 3.1 lakh ha. under Sunflower .*
- *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 11.12.2010 increased to 15.35% from the previous week's level of 13.25%. The inflation rate was 18.21% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to -5.14% from the previous week's level of -4.24%, Rice has decreased to 1.40% from the previous week's level of 1.47%, for Cereals to -0.35% from the previous week's level of 0.06% and Pulses has increased to -10.77% from the previous week's level of -11.46%.*

- *The inflation for non-food items has increased to 22.40% from the previous week's level of 21.24% and for the food items to 12.13% from the previous week's level of 9.46%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 23.12.2010 was 133.40 lakh tonnes as compared to 147.25 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))

Post Monsoon Rainfall (October - December) during the week ending on 22nd December, 2010

- **Widespread rainfall** occurred over Kerala during one or two days of the week.
- **Fairly widespread rainfall** occurred over Tamilnadu & Puducherry during a few days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands during a few days of the week.
- **Isolated rainfall** occurred over Rayalseema, Tamil Nadu & Puducherry, South Interior Karnataka and Kerala during many days, over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Coastal Karantaka and Lakashadweep during one or two days of the week.
- Weather was **mainly dry** over the rest regions of the country.
- Rainfall during the week was excess /normal in 7 and deficient / scanty in 3 and no rain in 26 met sub-divisions.
- **Cumulative rainfall (1st June to 22nd December, 2010)** was excess / normal in 24 met sub-divisions and deficient / scanty in 12 met sub-divisions.

Table-1: Weekly and Cumulative Rainfall in four regions of the country¹

| Region | Week Ending (22.12.2010) | | | | Cumulative (01.06.10 to 22.12.10) | | | |
|-------------------------|--------------------------|--------|-----------|------|-----------------------------------|--------|----------------|-----------|
| | (in mm) | | Devi. (%) | Cat. | (in mm) | | Devia-tion (%) | Cate-gory |
| | Actual | Normal | | | Actual | Normal | | |
| North-West India | 0.0 | 4.9 | -100 | NR | 35.6 | 52.6 | -32 | D |
| Central India | 0.0 | 1.1 | -100 | NR | 105.6 | 78.4 | 35 | E |
| South Peninsular India | 6.1 | 4.5 | 36 | E | 410.0 | 263.3 | 56 | E |
| East & North-East India | 0.1 | 1.9 | -94 | S | 127.2 | 163.4 | -22 | D |
| Country as a whole | 1.2 | 3.1 | -60 | S | 147.4 | 120.4 | 22 | 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.

Temperature

Minimum Temperatures

- Below normal to appreciably below normal over Gangetic West Bengal, Orissa, Jharkhand, Bihar, Punjab, Himachal Pradesh, Madhya Pradesh, Gujarat, Konkan & Goa, Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana and North Interior Karnataka during most days, over Sub-Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi and Jammu & Kashmir during many days, over Assam & Meghalaya few days, over Andaman & Nicobar Islands, Rajasthan, Rayalseema, Tamil Nadu & Puducherry and South Interior Karnataka one or two days of the week.
- Above normal to appreciably above normal over Coastal Andhra Pradesh during many days, over Andaman & Nicobar Islands, Tamil Nadu & Puducherry, South Interior Karnataka and Kerala during few days, over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, East Rajasthan, Rayalseema and Lakshadweep during one or two days of the week.
- Minimum temperatures were near normal over the rest regions of the country.

Weather Outlook / Forecast for the period 23rd - 29th December, 2010 by IMD

Outlook for the Week Ending 29th December, 2010

- *Fairly rainfall would occur over Peninsular India during the 1st half of the week.*
- *Rain/snowfall would occur over Jammu & Kashmir and Himachal Pradesh during 2nd half of the week.*
- *Cold wave conditions is likely to prevail over Northwest and Central India during 2nd half of the week.*

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at isolated places over Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over the region.*

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

- *Rain/thundershowers at isolated places over Arunachal Pradesh.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershower at a few places over Tamil Nadu & Puducherry and Andaman & Nicobar Islands and at isolated places over Kerala and Lakshadweep.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over the region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 23.12.2010)

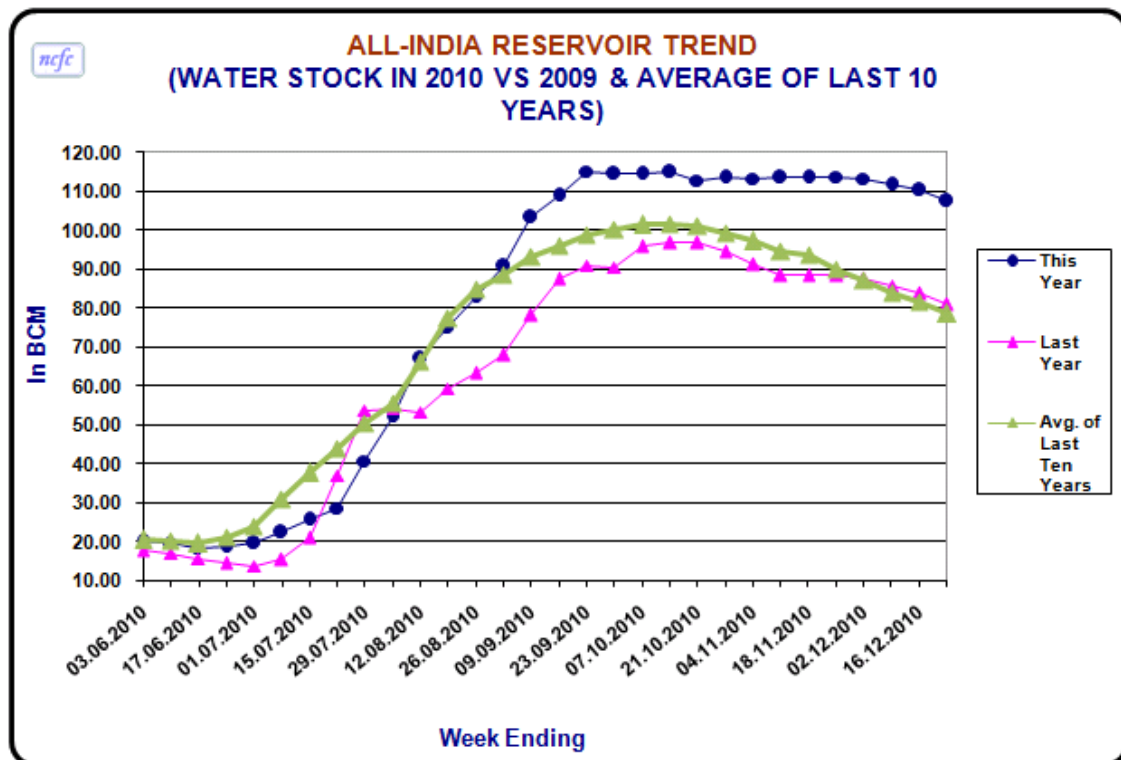
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 107.34 BCM from the previous week's level of 110.03 BCM. Current storage is **more** than the last year's position of 81.02 BCM and average of last 10 year's storage of 78.40 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 | 71 | 132 | 137 |
| Last Week | 73 | 132 | 135 |
| The percentage to live capacity at FRL was 53% on 23/12/2009, 57% on 23/12/2008, 66% on 20/12/2007 and 69% on 20/12/2006. | | | |
| * Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM) | | | |

Source: CWC

- There were 64 reservoirs having storage more than 80%, 12 reservoirs having storage between 50% to 80% of Normal Storage, 2 reservoirs having storage between 30% to 50% of Normal Storage and 3 reservoirs having storage below 30% of normal storage.



Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during October, November and December, 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 October, November and December 2010</i> | <i>9094</i> | <i>4116</i> | <i>1521</i> | <i>2749</i> |
| <i>Availability during 1st October to 23rd December, 2010</i> | <i>7087</i> | <i>3193</i> | <i>1099</i> | <i>2775</i> |
| <i>Sales during 1st October to 23rd December, 2010</i> | <i>6294</i> | <i>2908</i> | <i>740</i> | <i>2256</i> |
| <i>Closing Stock as on 23.12.2010</i> | <i>793</i> | <i>285</i> | <i>359</i> | <i>519</i> |
| <i>Requirement for January, 2010</i> | <i>2880</i> | <i>433</i> | <i>366</i> | <i>661</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 - Rabi (2010-11) as on 24-12-2010 | | | | | | | |
|---|-------------|---------------------------------------|-------------|-----------|--------|-----------------|------|
| Crop Name | Normal Area | Area sown reported (In lakh hectares) | | | | Absolute Change | |
| | | This Year | % of Normal | Last Year | 2008 | 2009 | 2008 |
| Wheat | 273.30 | 264.13 | 96.6 | 253.05 | 250.43 | 11.1 | 13.7 |
| Rice | 42.57 | 2.74 | 6.4 | 4.22 | 2.17 | -1.5 | 0.6 |
| Jowar | 47.07 | 40.68 | 86.4 | 44.01 | 48.37 | -3.3 | -7.7 |
| Maize | 9.76 | 9.17 | 94.0 | 9.21 | 8.97 | 0.0 | 0.2 |
| Total Coarse Cereals | 63.23 | 57.18 | 90.4 | 60.82 | 65.13 | -3.6 | -8.0 |
| Total Cereals | 379.10 | 324.05 | 85.5 | 318.09 | 317.73 | 6.0 | 6.3 |
| Gram | 73.14 | 87.79 | 120.0 | 81.89 | 78.42 | 5.9 | 9.4 |
| Lentil | 14.30 | 14.82 | 103.7 | 15.90 | 14.32 | -1.1 | 0.5 |
| Peas | 7.32 | 6.92 | 94.5 | 7.22 | 8.06 | -0.3 | -1.1 |
| Kulthi(Horse Gram) | 2.83 | 4.71 | 166.6 | 4.61 | 4.38 | 0.1 | 0.3 |
| Urad | 7.16 | 5.49 | 76.7 | 5.24 | 4.47 | 0.3 | 1.0 |
| Moong | 6.50 | 3.76 | 57.9 | 3.51 | 2.07 | 0.3 | 1.7 |
| Lathyrus | 6.41 | 3.97 | 61.9 | 3.65 | 4.29 | 0.3 | -0.3 |
| Others | 3.22 | 5.68 | 176.4 | 4.99 | 5.73 | 0.7 | -0.1 |
| Total Pulses | 120.21 | 133.15 | 110.8 | 127.00 | 121.74 | 6.2 | 11.4 |
| Total Foodgrains | 499.30 | 457.20 | 91.6 | 445.09 | 439.47 | 12.1 | 17.7 |
| Rapeseed & Mustard | 67.01 | 69.22 | 103.3 | 62.86 | 65.18 | 6.4 | 4.0 |
| Groundnut | 9.09 | 3.75 | 41.3 | 4.01 | 4.28 | -0.3 | -0.5 |
| Safflower | 3.45 | 2.31 | 67.0 | 2.61 | 2.73 | -0.3 | -0.4 |
| Sunflower | 12.63 | 4.17 | 33.0 | 7.25 | 9.66 | -3.1 | -5.5 |
| Sesamum | 2.53 | 0.51 | 20.2 | 0.43 | 0.87 | 0.1 | -0.4 |
| Linseed | 4.40 | 4.03 | 91.6 | 4.04 | 4.16 | 0.0 | -0.1 |
| Others | 0.58 | 0.56 | 97.1 | 1.21 | 0.87 | -0.7 | -0.3 |
| Total Oilseed (Nine) | 99.83 | 84.55 | 84.7 | 82.41 | 87.74 | 2.1 | -3.2 |
| All- Crops | 599.13 | 541.75 | 90.4 | 527.50 | 527.21 | 14.3 | 14.5 |
| Source: Crops & TMOP Divisions, DAC | | | | | | | |

Procurement:

Table – 5: Progressive procurement of Rice as on 23.12.2010 (lakh tonnes)

| State | Total procurement in marketing season 2009-10 (Oct. – Sept.) | Progressive Procurement as on 23.12.2010 | |
|----------------|--|--|-------------------------------|
| | | In Marketing season 2010-2011 | In Marketing season 2009-2010 |
| Andhra Pradesh | 72.78 | 8.43 | 6.92 |
| Chhattisgarh | 33.32 | 10.10 | 11.19 |
| Haryana | 18.19 | 16.52 | 18.00 |
| Kerala | 2.61 | 0.64 | 0.80 |
| Maharashtra | 2.20 | 0.36 | 0.62 |
| Orissa | 24.95 | 1.84 | 2.97 |
| Punjab | 92.75 | 86.34 | 92.67 |
| Tamil Nadu | 12.16 | 0.94 | 0.23 |
| Uttar Pradesh | 27.26 | 5.10 | 11.08 |
| Uttaranchal | 3.75 | 1.20 | 1.34 |
| West Bengal | 12.40 | 0.97 | 0.94 |
| All-India | 314.78 | 133.40 | 147.25 |