

**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: 28th March, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 18.03.2011.**

Summary observations of the Group on Agenda Item

- *In the Pre-Monsoon season, cumulative rainfall received for the country as a whole during the period 1st March to 16th March, 2011 was 6.7 mm which is 53% less 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 69.74 BCM on 10.03.2011 to 66.14 BCM on 17.03.2011.*
- *Area sown reported till 18.03.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 130% and 100% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 109% of the normal area under rabi crops have been sown upto 18.03.2011, area sown under all rabi crops taken together has been reported to be 654.67 lakh hectares at All India level as compared to 630.30 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 10.9 lakh ha. under Gram and 7.8 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, and 3.5 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 05.03.2011 decreased to 12.31% from the previous week's level of 13.96%. The inflation rate was 22.29% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 2.75% from the previous week's level to 1.16%, for Wheat to 0.69% from the previous week's level of -1.07%, Cereals to 3.88% from the previous week's level of 2.02% and for Pulses to -3.05% from the previous week's level of -3.91%.*

- *The inflation for non-food items has decreased to 23.03% from the previous week's level of 29.85% and for the food items to 9.42% from the previous week's level of 9.52%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 18.03.2011 was 242.65 lakh tonnes as compared to 242.84 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))

Pre-Monsoon Rainfall (March - May) during the week ending on 16th March, 2011

- **Widespread rainfall** occurred over Andaman & Nicobar Islands during many days of the week.
- **Fairly widespread rainfall** occurred over Andaman & Nicobar Islands and Gangetic West Bengal during one or two days of the week.
- **Scattered rainfall** occurred over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Orissa, Jharkhand and Kerala during one or two days of the week.
- **Isolated rainfall occurred over** Assam & Meghalaya during many days, over Sub-Himalayan West Bengal & Sikkim and Orissa during a few days and over Arunachal Pradesh, Gangetic West Bengal, Bihar, Uttarakhand, Himachal Pradesh, Jammu & Kashmir, Telangana and Tamil Nadu & Puducherry 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 04, deficient / scanty in 14 and no rain in 18 out of 36 met sub-divisions.
- **Cumulative rainfall (1st March to 16th March, 2011)** was excess / normal in 02 met sub-divisions, deficient / scanty in 28 met sub-divisions and no rain in 06 out of 36 met sub-divisions.

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

| Region | Week Ending (16.03.2011) | | | | Cumulative (01.01.11 to 16.03.11) | | | |
|-------------------------|--------------------------|--------|--------------|------|-----------------------------------|--------|-----------------------|---------------|
| | (in mm) | | Devi. (%) | Cat. | (in mm) | | Devia- tion (%) | Cate- gory |
| | Actual | Normal | | | Actual | Normal | | |
| North-West India | 0.3 | 10.7 | -97 | S | 15.4 | 23.0 | -33 | D |
| Central India | 0.4 | 2.2 | -84 | S | 0.8 | 4.8 | -82 | S |
| South Peninsular India | 2.7 | 2.8 | -4 | N | 2.7 | 6.0 | -54 | D |
| East & North-East India | 6.6 | 13.2 | -50 | D | 7.0 | 27.4 | -74 | S |
| Country as a whole | 1.8 | 6.7 | -73 | S | 6.7 | 14.3 | -53 | D |

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 Madhya Maharashtra, Marathwada and South Interior Karnataka for many days, over Jharkhand, Madhya Pradesh, Vidarbha and North Interior Karnataka for a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Bihar, Jammu & Kashmir, East Rajasthan, Saurashtra & Kutch, Konkan & Goa, Chhattisgarh, Telangana, Tamil Nadu & Puducherry, Coastal Karnataka, Kerala and Lakshadweep for one or two days during the week.
- Above normal to appreciably above normal over Gujarat Region for many days, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir and West Rajasthan for a few days and over Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, East Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Tamil Nadu & Puducherry and Interior Karnataka for one or two days during the week.
- Markedly above normal over Uttarakhand during one or two days of the week.
- Markedly below normal over Vidarbha during one or two days of the week.

Weather Outlook / Forecast for the period 17th - 23rd March, 2011 by IMD

Outlook for the Week Ending 23rd March, 2011

- *Fairly widespread rainfall would occur over Andaman & Nicobar Islands and Peninsular India during the first half of the week.*
- *Maximum temperatures would rise over Northeastern States, Northwest and Central India and no significant change in maximum temperatures over Peninsular India during the week.*

Warning: Isolated heavy rain/snow would occur over Jammu & Kashmir and Himachal Pradesh during next 48 hours.

- *Isolated heavy rainfall would occur over Assam, Meghalaya, Arunachal Pradesh and Nagaland during next 48 hours.*

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at most places over Jammu & Kashmir, at many places over Himachal Pradesh and Uttarakhand.*
- *Rain/thundershowers at isolated places over rest region of the country.*

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

- *Rain/thundershowers at a few places over Sub-Himalayan West Bengal & Sikkim, at isolated places over rest region of the country for 24 hours and thereafter mainly dry.*

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

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

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

- *Rain/thundershower at isolated places over Tamil Nadu & Puducherry, Kerala and Lakshadweep.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershower at isolated places over Rajasthan.*
- *Mainly dry weather over the region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the rest region.*

Reservoir Status (For the week ending on 17.03.2011)

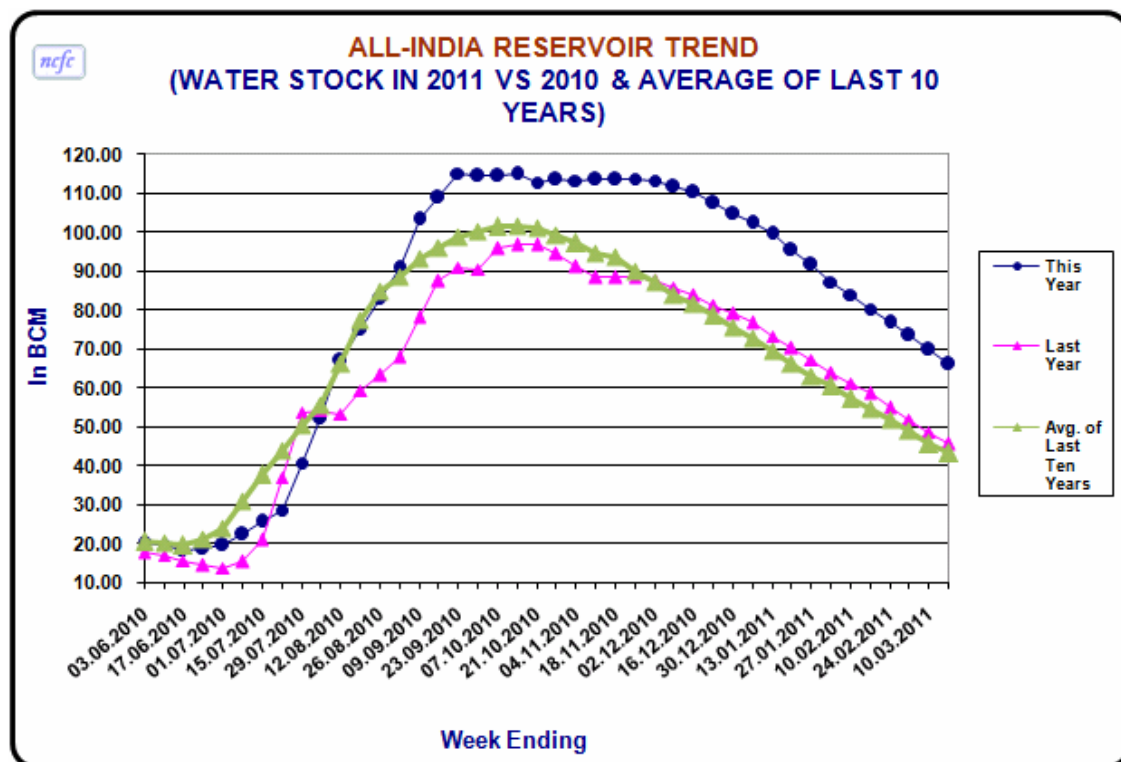
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 66.14 BCM from the previous week's level of 69.74 BCM. Current storage is **more** than the last year's position of 45.51 BCM and average of last 10 year's storage of 43.09 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 | 44 | 145 | 154 |
| Last Week | 46 | 144 | 153 |
| The percentage to live capacity at FRL was 30% on 17/03/2010, 28% on 17/03/2009, 37% on 13/03/2008 and 43% on 13/03/2007. | | | |
| * Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM) | | | |

Source: CWC

- There were 65 reservoirs having storage more than 80%, 5 reservoirs having storage between 50% to 80% of Normal Storage, 5 reservoirs having storage between 30% to 50% of Normal Storage , 5 reservoirs having storage below 30% of normal storage and one reservoir have 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 October 2010 to March 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 1st October 2010 to 16th March 2011</i> | <i>15414</i> | <i>5217</i> | <i>2482</i> | <i>4331</i> |
| <i>Availability during 1st October 2010 to 16th March 2011</i> | <i>14584</i> | <i>4592</i> | <i>1920</i> | <i>5020</i> |
| <i>Sales during 1st October 2010 to 16th March 2011</i> | <i>13928</i> | <i>4458</i> | <i>1748</i> | <i>4609</i> |
| <i>Closing Stock as on 16.03.2011</i> | <i>656</i> | <i>132</i> | <i>172</i> | <i>411</i> |
| <i>Requirement for April, 2011</i> | <i>1378</i> | <i>687</i> | <i>214</i> | <i>514</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 18-03-2011 | | | | | | | |
|---|-------------|---------------------------------------|-------------|------------|------------|-----------------|---------|
| Crop Name | Normal Area | Area sown reported (In lakh hectares) | | | | Absolute Change | |
| | | 18.03.2011 | % of Normal | 18.03.2010 | 20.03.2009 | 2009-10 | 2008-09 |
| Wheat | 273.30 | 294.08 | 107.6 | 283.60 | 277.98 | 10.5 | 16.1 |
| Rice | 42.57 | 42.82 | 100.6 | 42.64 | 44.58 | 0.2 | -1.8 |
| Jowar | 47.07 | 41.19 | 87.5 | 45.43 | 48.82 | -4.2 | -7.6 |
| Maize | 9.76 | 12.32 | 126.3 | 12.25 | 12.22 | 0.1 | 0.1 |
| Total Coarse Cereals | 63.23 | 61.88 | 97.9 | 65.84 | 69.24 | -4.0 | -7.4 |
| Total Cereals | 379.10 | 398.78 | 105.2 | 392.08 | 391.80 | 6.7 | 7.0 |
| Gram | 73.14 | 96.02 | 131.3 | 85.10 | 86.80 | 10.9 | 9.2 |
| Lentil | 14.26 | 15.70 | 110.1 | 15.46 | 15.65 | 0.2 | 0.1 |
| Peas | 7.32 | 7.35 | 100.4 | 7.40 | 8.69 | -0.1 | -1.3 |
| Kulthi(Horse Gram) | 2.64 | 4.99 | 188.9 | 4.92 | 5.10 | 0.1 | -0.1 |
| Urad | 7.20 | 10.92 | 151.7 | 10.76 | 10.02 | 0.2 | 0.9 |
| Moong | 6.29 | 8.45 | 134.3 | 8.40 | 7.40 | 0.0 | 1.0 |
| Lathyrus | 6.05 | 4.81 | 79.5 | 3.88 | 4.31 | 0.9 | 0.5 |
| Others | 3.29 | 7.83 | 237.7 | 6.43 | 7.18 | 1.4 | 0.6 |
| Total Pulses | 120.21 | 156.07 | 129.8 | 142.35 | 145.15 | 13.7 | 10.9 |
| Total Foodgrains | 499.30 | 554.85 | 111.1 | 534.43 | 536.95 | 20.4 | 17.9 |
| Rapeseed & Mustard | 67.01 | 72.47 | 108.1 | 64.62 | 66.23 | 7.8 | 6.2 |
| Groundnut | 9.09 | 10.03 | 110.4 | 10.76 | 10.12 | -0.7 | -0.1 |
| Safflower | 3.45 | 2.41 | 69.7 | 2.67 | 2.82 | -0.3 | -0.4 |
| Sunflower | 12.63 | 5.88 | 46.6 | 9.41 | 11.75 | -3.5 | -5.9 |
| Sesamum | 2.53 | 2.25 | 88.9 | 2.42 | 1.67 | -0.2 | 0.6 |
| Linseed | 4.40 | 5.06 | 115.1 | 4.46 | 4.56 | 0.6 | 0.5 |
| Others | 0.58 | 1.72 | 297.6 | 1.53 | 1.82 | 0.2 | -0.1 |
| Total Oilseed (Nine) | 99.83 | 99.82 | 100.0 | 95.87 | 98.96 | 3.9 | 0.9 |
| All- Crops | 599.13 | 654.67 | 109.3 | 630.30 | 635.91 | 24.4 | 18.8 |

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 18.03.2011 (lakh tonnes)

| State | Total procurement in marketing season 2009-10 (Oct. – Sept.) | Progressive Procurement as on 18.03.2011 | |
|----------------|--|--|-------------------------------|
| | | In Marketing season 2010-2011 | In Marketing season 2009-2010 |
| Andhra Pradesh | 75.55 | 36.83 | 33.51 |
| Chhattisgarh | 33.57 | 34.89 | 29.97 |
| Haryana | 18.19 | 16.59 | 18.12 |
| Kerala | 2.61 | 1.15 | 1.77 |
| Maharashtra | 2.29 | 1.67 | 1.67 |
| Orissa | 24.96 | 15.42 | 16.54 |
| Punjab | 92.75 | 86.34 | 92.85 |
| Tamil Nadu | 12.41 | 10.22 | 7.30 |
| Uttar Pradesh | 29.01 | 20.64 | 24.64 |
| Uttaranchal | 3.75 | 2.99 | 2.94 |
| West Bengal | 12.40 | 7.11 | 7.20 |
| All-India | 320.34 | 242.65 | 242.84 |