

**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: 03<sup>rd</sup> February, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 28.01.2011.**

*Summary observations of the Group on Agenda Item*

- *In the winter season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> January to 26<sup>th</sup> January, 2010 was 5.6 mm which is 62% 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 95.23 BCM on 20.01.2011 to 91.65 BCM on 27.01.2011.*
- *Area sown reported till 28.01.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 107%, 94%, 124% and 94% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 102% of the normal area under rabi crops have been sown upto 28.01.2011, area sown under all rabi crops taken together has been reported to be 613.29 lakh hectares at All India level as compared to 596.74 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 8.9 lakh ha. under Wheat, 9.6 lakh ha. under Gram and 7.2 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 2.4 lakh ha. under Rice, 3.9 lakh ha. under Jowar and 3.3 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 15.01.2011 increased to 17.26% from the previous week's level of 17.03%. The inflation rate was 20.07% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to -5.75% from the previous week's level of -6.11%, Pulses to -14.07% from the previous week's level to -14.92% and for Cereals to 0.53% from the previous week's level of 0.23% and Rice has decreased to 2.79% from the previous week's level of 2.86%.*

- *The inflation for non-food items has decreased to 22.48% from the previous week's level of 23.07% and for the food items has increased to 15.57% from the previous week's level of 15.52%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 28.01.2011 was 182.50 lakh tonnes as compared to 191.44 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))**

#### Winter Rainfall (January - February) during the week ending on 26<sup>th</sup> January, 2011

- **Isolated rainfall** occurred over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during a few days and over Assam & Meghalaya, Bihar, East Uttar Pradesh, Uttarakhand, Punjab and East Madhya Pradesh during one or two days of the week.
- Weather was **dry** over the rest regions of the country.
- Rainfall during the week was deficient / scanty in 13 and no rain in 23 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> January to 26<sup>th</sup> January, 2011)** was excess / normal in 2 met sub-divisions, deficient / scanty in 23 met sub-divisions and no rain in 11 met sub-divisions.

**Table-1: Weekly and Cumulative Rainfall in four regions of the country<sup>1</sup>**

| Region                             | Week Ending (26.01.2011) |            |              |          | Cumulative (01.01.11 to 26.01.11) |             |                       |               |
|------------------------------------|--------------------------|------------|--------------|----------|-----------------------------------|-------------|-----------------------|---------------|
|                                    | (in mm)                  |            | Devi.<br>(%) | Cat.     | (in mm)                           |             | Devia-<br>tion<br>(%) | Cate-<br>gory |
|                                    | Actual                   | Normal     |              |          | Actual                            | Normal      |                       |               |
| <b>North-West India</b>            | <b>0.4</b>               | <b>8.9</b> | <b>-96</b>   | <b>S</b> | <b>11.2</b>                       | <b>28.1</b> | <b>-60</b>            | <b>S</b>      |
| <b>Central India</b>               | <b>0.0</b>               | <b>1.6</b> | <b>-99</b>   | <b>S</b> | <b>0.0</b>                        | <b>6.7</b>  | <b>-99</b>            | <b>S</b>      |
| <b>South Peninsular India</b>      | <b>0.0</b>               | <b>0.8</b> | <b>-94</b>   | <b>S</b> | <b>5.2</b>                        | <b>7.1</b>  | <b>-26</b>            | <b>D</b>      |
| <b>East &amp; North-East India</b> | <b>0.4</b>               | <b>4.4</b> | <b>-91</b>   | <b>S</b> | <b>6.7</b>                        | <b>15.7</b> | <b>-57</b>            | <b>D</b>      |
| <b>Country as a whole</b>          | <b>0.2</b>               | <b>4.1</b> | <b>-95</b>   | <b>S</b> | <b>5.6</b>                        | <b>14.8</b> | <b>-62</b>            | <b>S</b>      |

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

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

***Weather Outlook / Forecast for the period 27<sup>th</sup> January - 02<sup>nd</sup> February, 2011  
by IMD***

***Outlook for the Week Ending 02<sup>nd</sup> February, 2011***

- *A Western disturbance will affect western Himalayan Region and adjoining plains of Northwest India from 28<sup>th</sup> to 30<sup>th</sup> January and may cause scattered to fairly widespread rain/snow over western Himalayan region and isolated to scattered rain/thundershowers over adjoining plains of Northwest India.*
- *An Easterly wave will continue to affect Andaman & Nicobar Islands during the week and extreme South Peninsular India from 31<sup>st</sup> January to 2<sup>nd</sup> February, 2011.*
- *Minimum temperatures would rise slightly over parts of Northwest and adjoining central India from 28<sup>th</sup> to 31<sup>st</sup> January, 2011 and fall slightly thereafter.*
- *Mainly dry weather would prevail over West, Central and adjoining East and Peninsular India during the week.*

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

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

- *Rain/thundershowers at isolated places over Himachal Pradesh, Jammu & Kashmir and Uttarakhand.*
- *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 isolated places over Kerala, Lakshadweep and Andaman & Nicobar Islands.*
- *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 27.01.2011)

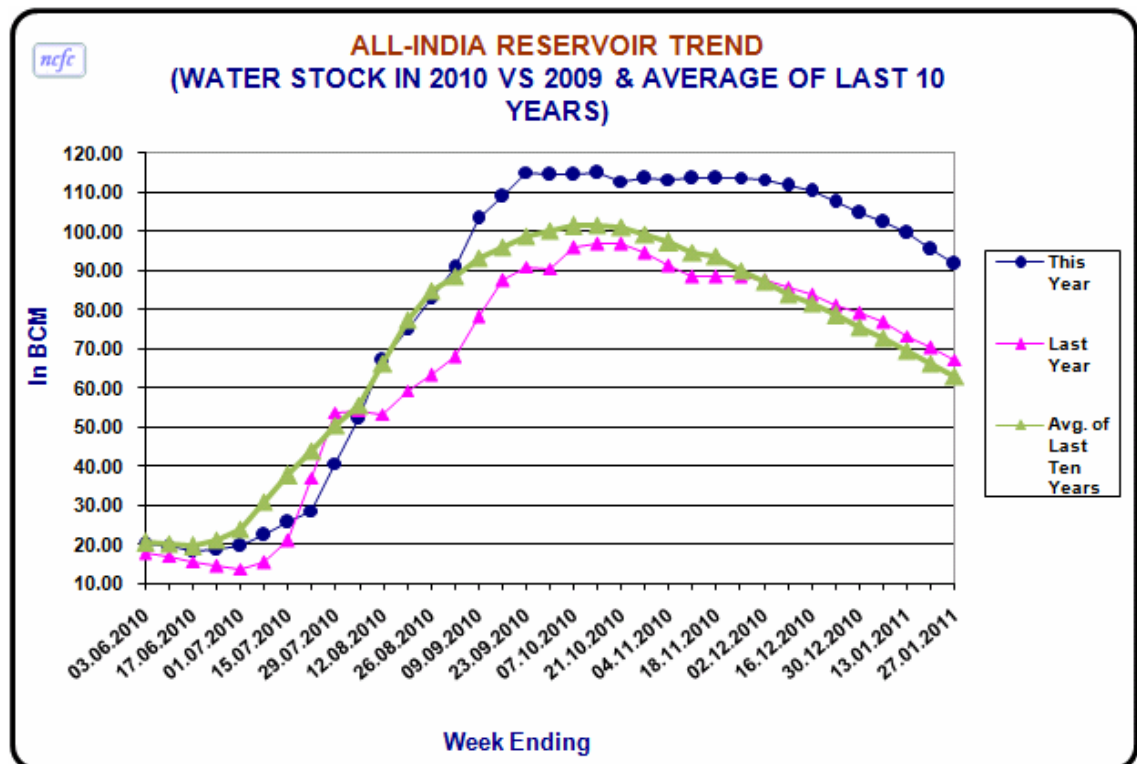
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 91.65 BCM from the previous week's level of 95.23 BCM. Current storage is **more** than the last year's position of 67.14 BCM and average of last 10 year's storage of 63.04 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  | 60                                  | 137                                      | 145   |
| Last Week   | 63                                  | 136                                      | 144   |
| The percentage to live capacity at FRL was 44% on 27/01/2010, 44% on 27/01/2009, 53% on 24/01/2008 and 56% on 24/01/2007. |                                     |  |   |
| * Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)  |                                     |  |   |

Source: CWC

- There were 66 reservoirs having storage more than 80%, 9 reservoirs having storage between 50% to 80% of Normal Storage, 3 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 2010 to January 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 1<sup>st</sup> October 2010 to 26<sup>th</sup> January 2011</i>     | <i>11974</i> | <i>4549</i> | <i>1887</i> | <i>3410</i>    |
| <i>Availability during 1<sup>st</sup> October 2010 to 26<sup>th</sup> January 2011</i> | <i>10472</i> | <i>3797</i> | <i>1497</i> | <i>3740</i>    |
| <i>Sales during 1<sup>st</sup> October 2010 to 26<sup>th</sup> January 2011</i>        | <i>9778</i>  | <i>3562</i> | <i>1107</i> | <i>3304</i>    |
| <i>Closing Stock as on 26.01.2011</i>  | <i>694</i>   | <i>235</i>  | <i>390</i>  | <i>436</i>     |
| <i>Requirement for February, 2011</i>  | <i>1903</i>  | <i>350</i>  | <i>333</i>  | <i>508</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

| <b>All India Crop Situation - Rabi (2010-11) as on 28-01-2011</b> |             |                                       |             |            |            |                 |         |
|---|-------------|---------------------------------------|-------------|------------|------------|-----------------|---------|
| Crop Name   | Normal Area | Area sown reported (In lakh hectares) |             |            |            | Absolute Change |         |
|   |             | 28.01.2011                            | % of Normal | 28.01.2010 | 30.01.2009 | 2009-10         | 2008-09 |
| Wheat   | 273.30      | 291.36                                | 106.6       | 282.41     | 275.61     | 8.9             | 15.8    |
| Rice  | 42.54       | 19.46                                 | 45.7        | 21.88      | 13.13      | -2.4            | 6.3     |
| Jowar   | 47.07       | 41.13                                 | 87.4        | 45.02      | 48.76      | -3.9            | -7.6    |
| Maize   | 9.76        | 10.92                                 | 111.9       | 11.05      | 11.37      | -0.1            | -0.4    |
| Total Coarse Cereals  | 63.23       | 59.61                                 | 94.3        | 63.93      | 68.27      | -4.3            | -8.7    |
| Total Cereals   | 379.07      | 370.43                                | 97.7        | 368.22     | 357.01     | 2.2             | 13.4    |
| Gram  | 73.14       | 95.12                                 | 130.0       | 85.55      | 85.58      | 9.6             | 9.5     |
| Lentil  | 14.30       | 15.51                                 | 108.5       | 15.39      | 15.20      | 0.1             | 0.3     |
| Peas  | 7.32        | 7.29                                  | 99.6        | 7.44       | 8.41       | -0.2            | -1.1    |
| Kulthi(Horse Gram)  | 2.83        | 4.95                                  | 174.9       | 4.89       | 4.76       | 0.1             | 0.2     |
| Urad  | 7.16        | 8.12                                  | 113.4       | 8.16       | 7.18       | 0.0             | 0.9     |
| Moong   | 6.50        | 5.76                                  | 88.6        | 5.92       | 5.07       | -0.2            | 0.7     |
| Lathyrus  | 6.41        | 4.48                                  | 69.9        | 4.15       | 4.31       | 0.3             | 0.2     |
| Others  | 3.22        | 7.58                                  | 235.4       | 6.20       | 7.02       | 1.4             | 0.6     |
| Total Pulses  | 120.21      | 148.81                                | 123.8       | 137.70     | 137.54     | 11.1            | 11.3    |
| Total Foodgrains  | 499.28      | 519.24                                | 104.0       | 505.92     | 494.55     | 13.3            | 24.7    |
| Rapeseed & Mustard  | 67.01       | 72.47                                 | 108.1       | 65.28      | 66.49      | 7.2             | 6.0     |
| Groundnut   | 9.09        | 7.00                                  | 77.0        | 7.97       | 7.21       | -1.0            | -0.2    |
| Safflower   | 3.45        | 2.38                                  | 69.0        | 2.66       | 2.80       | -0.3            | -0.4    |
| Sunflower   | 12.63       | 5.12                                  | 40.6        | 8.40       | 10.61      | -3.3            | -5.5    |
| Sesamum   | 2.53        | 0.63                                  | 24.9        | 0.74       | 1.03       | -0.1            | -0.4    |
| Linseed   | 4.40        | 4.93                                  | 112.1       | 4.45       | 4.47       | 0.5             | 0.5     |
| Others  | 0.58        | 1.52                                  | 263.0       | 1.32       | 1.21       | 0.2             | 0.3     |
| Total Oilseed (Nine)  | 99.83       | 94.05                                 | 94.2        | 90.82      | 93.81      | 3.2             | 0.2     |
| All- Crops  | 599.10      | 613.29                                | 102.4       | 596.74     | 588.36     | 16.6            | 24.9    |



## Procurement:

**Table – 5: Progressive procurement of Rice as on 28.01.2011 (lakh tonnes)**

| State          | Total procurement in marketing season 2009-10 (Oct. – Sept.) | Progressive Procurement as on 28.01.2011 |                               |
|----------------|--|--|-------------------------------|
|                |  | In Marketing season 2010-2011            | In Marketing season 2009-2010 |
| Andhra Pradesh | 75.55  | 18.92                                    | 19.17                         |
| Chhattisgarh   | 33.57  | 26.65                                    | 21.94                         |
| Haryana        | 18.19  | 16.54                                    | 18.07                         |
| Kerala         | 2.61   | 0.66                                     | 0.84                          |
| Maharashtra    | 2.29   | 0.87                                     | 0.98                          |
| Orissa         | 24.96  | 7.33                                     | 9.50                          |
| Punjab         | 92.75  | 86.34                                    | 92.72                         |
| Tamil Nadu     | 12.41  | 1.81                                     | 0.61                          |
| Uttar Pradesh  | 29.01  | 13.45                                    | 19.94                         |
| Uttaranchal    | 3.75   | 2.11                                     | 2.18                          |
| West Bengal    | 12.40  | 3.77                                     | 3.53                          |
| All-India      | 320.34   | 182.50                                   | 191.44                        |