

**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: 25th February, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 18.02.2011.**

Summary observations of the Group on Agenda Item

- *In the winter season, cumulative rainfall received for the country as a whole during the period 1st January to 16th February, 2011 was 21.5 mm which is 28% 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 83.87 BCM on 10.02.2011 to 80.23 BCM on 17.02.2011.*
- *Area sown reported till 18.02.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 107%, 95%, 126% and 95% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 105% of the normal area under rabi crops have been sown upto 118.02.2011, area sown under all rabi crops taken together has been reported to be 629.89 lakh hectares at All India level as compared to 616.53 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 9.2 lakh ha. under Wheat, 10.5 lakh ha. under Gram and 7.2 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.6 lakh ha. under Rice, 4.2 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 05.02.2011 decreased to 14.59% from the previous week's level of 16.24%. The inflation rate was 22.12% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to -2.54% from the previous week's level of -3.58%, Pulses to -5.88% from the previous week's level to -8.63%, for Cereals to 1.53% from the previous week's level of 1.35% and Rice has decreased to 1.89% from the previous week's level of 2.48%.*

- *The inflation for non-food items has decreased to 27.14% from the previous week's level of 28.50% and for the food items to 11.05% from the previous week's level of 13.07%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 18.02.2011 was 216.62 lakh tonnes as compared to 218.82 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 16th February, 2011

- **Widespread rainfall** occurred over Jammu & Kashmir during one or two days of the week.
- **Fairly widespread rainfall** occurred over Himachal Pradesh and Jammu & Kashmir during one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands during many days, over Himachal Pradesh during a few days and over Assam & Meghalaya, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Jammu & Kashmir and Rajasthan during one or two days of the week.
- **Isolated rainfall** occurred over Punjab during many days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Saurashtra & Kutch and Kerala 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 13, deficient / scanty in 7 and no rain in 16 met sub-divisions.
- **Cumulative rainfall (1st January to 16th February, 2011)** was excess / normal in 7 met sub-divisions, deficient / scanty in 24 met sub-divisions and no rain in 05 met sub-divisions.

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

| Region | Week Ending (16.02.2011) | | | | Cumulative (01.01.11 to 16.02.11) | | | |
|-------------------------|--------------------------|--------|--------------|------|-----------------------------------|--------|-----------------------|---------------|
| | (in mm) | | Devi. (%) | Cat. | (in mm) | | Devia- tion (%) | Cate- gory |
| | Actual | Normal | | | Actual | Normal | | |
| North-West India | 24.6 | 10.8 | 127 | E | 58.9 | 57.3 | 3 | N |
| Central India | 0.3 | 2.1 | -85 | S | 0.4 | 12.6 | -97 | S |
| South Peninsular India | 0.4 | 1.6 | -73 | S | 7.1 | 11.0 | -36 | D |
| East & North-East India | 0.7 | 5.7 | -88 | S | 11.7 | 37.7 | -69 | S |
| Country as a whole | 7.9 | 5.2 | 50 | E | 21.5 | 30.0 | -28 | 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 Coastal Andhra Pradesh, Rayalseema, Coastal Karnataka and Lakshadweep during most days, over Andaman & Nicobar Islands, Konkan & Goa, Vidarbha, Telangana, Tamil Nadu & Puducherry and North Interior Karnataka during many days, over Nagaland, Manipur, Mizoram & Tripura, Bihar, South Interior Karnataka and Kerala during a few days and over Assam & Meghalaya, Uttar Pradesh, Himachal Pradesh, Madhya Maharashtra and Marathawada during one or two days of the week.
- Above normal to appreciably above normal over Chhattisgarh during most days, Arunachal Pradesh, Assam & Meghalaya, West Bengal & Sikkim, Orissa, Punjab, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, Madhya Pradesh and Gujarat during many days, over West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Madhya Maharashtra and Vidarbha during a few days, over Andaman & Nicobar, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Uttar Pradesh, West Rajasthan, Marathawada and Telangana during one or two days of the week.
- Markedly below normal over Rayalseema, Tamil Nadu & Puducherry and Interior Karnataka during one or two days of the week.
- Markedly above normal over West Rajasthan during many days, over Haryana, Chandigarh & Delhi, East Rajasthan and Madhya Pradesh during few days and over Sub-Himalayan West Bengal & Sikkim, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Punjab, Jammu & Kashmir and Gujarat Region 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 17th - 23rd February, 2011 by IMD

Outlook for the Week Ending 23rd February, 2011

- *Isolated rain/snow would occur over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during first half of the week and isolated rain/thundershowers would occur over Northeastern States, Orissa, Kerala and Tamil Nadu during second half of the week. Weather will be dry over remaining parts of the country during the week.*
- *Minimum temperature may fall over Northeastern States and Northwest & central India during first half of the week and no significant change in second half.*

Warning: *Isolated thundersquall / hailstorm may occur over Orissa, Chhattisgarh, Jharkhand, North Andhra Pradesh, Punjab, Haryana, Rajasthan and West Uttar Pradesh on 20th February, 2011.*

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at many places over Himachal Pradesh and Jammu & Kashmir and at a few places over Uttarakhand.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at many places over Orissa.*
- *Mainly dry weather over the rest 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 many places over Coastal AP and at a few places over Telangana, Rayalseema, Tamil Nadu & Puducherry South Interior Karnataka and Kerala and at isolated places over Andaman & Nicobar Islands, Coastal Karnataka and Lakshadweep.*

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

- *Rain/thundershowers at a few places over 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 17.02.2011)

- 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 80.23 BCM from the previous week's level of 83.87 BCM. Current storage is **more** than the last year's position of 58.42 BCM and average of last 10 year's storage of 54.56 BCM.

Table – 2: For 81 major reservoirs of the country

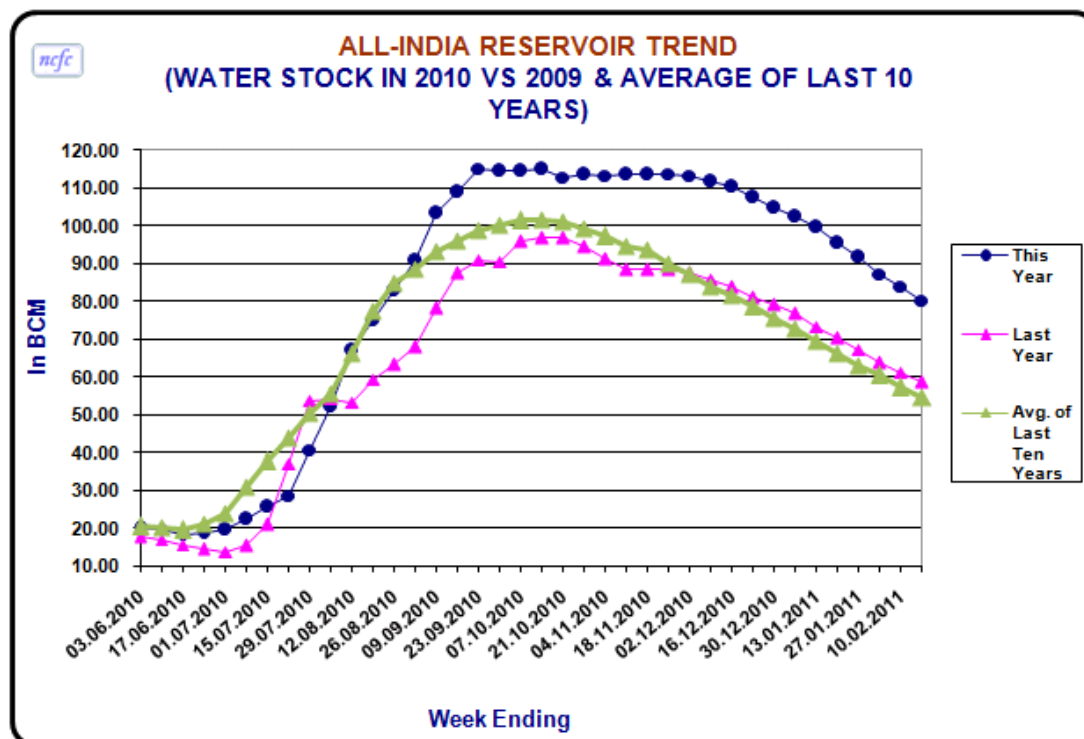
| Period | Current Year's Storage as % of FRL* | Current Year's storage as % of last year | Current year as a % of 10 years average level |
|--------------|-------------------------------------|--|---|
| Current Week | 53 | 137 | 147 |
| Last Week | 55 | 137 | 147 |

The percentage to live capacity at FRL was 38% on 17/02/2010, 37% on 17/02/2009, 46% on 14/02/2008 and 50% on 14/02/2007.

* 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%, 7 reservoirs having storage between 50% to 80% of Normal Storage, 6 reservoirs having storage between 30% to 50% of Normal Storage and 3 reservoirs having storage below 30% of normal 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 February 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 14th February 2011</i> | <i>13877</i> | <i>4899</i> | <i>2220</i> | <i>3918</i> |
| <i>Availability during 1st October 2010 to 14th February 2011</i> | <i>12305</i> | <i>4132</i> | <i>1688</i> | <i>4293</i> |
| <i>Sales during 1st October 2010 to 14th February 2011</i> | <i>11809</i> | <i>4015</i> | <i>1430</i> | <i>3963</i> |
| <i>Closing Stock as on 14.02.2011</i> | <i>496</i> | <i>117</i> | <i>258</i> | <i>330</i> |
| <i>Requirement for March, 2011</i> | <i>1537</i> | <i>318</i> | <i>262</i> | <i>413</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 18-02-2011 | | | | | | | |
|---|---------------|---------------------------------------|--------------|---------------|---------------|-----------------|-------------|
| Crop Name | Normal Area | Area sown reported (In lakh hectares) | | | | Absolute Change | |
| | | 18.02.2011 | % of Normal | 18.02.2010 | 20.02.2009 | 2009-10 | 2008-09 |
| Wheat | 273.30 | 292.83 | 107.1 | 283.60 | 277.98 | 9.2 | 14.9 |
| Rice | 42.57 | 30.53 | 71.7 | 35.08 | 33.25 | -4.6 | -2.7 |
| Jowar | 47.07 | 41.13 | 87.4 | 45.36 | 48.76 | -4.2 | -7.6 |
| Maize | 9.76 | 11.25 | 115.3 | 11.74 | 11.37 | -0.5 | -0.1 |
| Total Coarse Cereals | 63.23 | 59.98 | 94.9 | 64.97 | 68.27 | -5.0 | -8.3 |
| Total Cereals | 379.10 | 383.34 | 101.1 | 383.65 | 379.50 | -0.3 | 3.8 |
| Gram | 73.14 | 95.58 | 130.7 | 85.07 | 85.73 | 10.5 | 9.9 |
| Lentil | 14.26 | 15.60 | 109.4 | 15.47 | 15.21 | 0.1 | 0.4 |
| Peas | 7.32 | 7.34 | 100.2 | 7.48 | 8.44 | -0.1 | -1.1 |
| Kulthi(Horse Gram) | 2.64 | 4.98 | 188.5 | 4.91 | 4.80 | 0.1 | 0.2 |
| Urad | 7.20 | 8.96 | 124.5 | 9.19 | 7.64 | -0.2 | 1.3 |
| Moong | 6.29 | 6.81 | 108.2 | 7.05 | 6.08 | -0.2 | 0.7 |
| Lathyrus | 6.05 | 4.60 | 76.0 | 4.15 | 4.31 | 0.4 | 0.3 |
| Others | 3.29 | 7.72 | 234.4 | 6.38 | 7.76 | 1.3 | 0.0 |
| Total Pulses | 120.21 | 151.59 | 126.1 | 139.70 | 139.96 | 11.9 | 11.6 |
| Total Foodgrains | 499.30 | 534.93 | 107.1 | 523.35 | 519.46 | 11.6 | 15.5 |
| Rapeseed & Mustard | 67.01 | 72.51 | 108.2 | 65.35 | 65.91 | 7.2 | 6.6 |
| Groundnut | 9.09 | 7.35 | 80.9 | 9.33 | 7.83 | -2.0 | -0.5 |
| Safflower | 3.45 | 2.42 | 70.2 | 2.67 | 2.80 | -0.2 | -0.4 |
| Sunflower | 12.63 | 5.27 | 41.7 | 8.56 | 11.34 | -3.3 | -6.1 |
| Sesamum | 2.53 | 0.68 | 26.9 | 1.26 | 1.10 | -0.6 | -0.4 |
| Linseed | 4.40 | 4.95 | 112.5 | 4.50 | 4.51 | 0.5 | 0.4 |
| Others | 0.58 | 1.78 | 308.0 | 1.52 | 1.19 | 0.3 | 0.6 |
| Total Oilseed (Nine) | 99.83 | 94.96 | 95.1 | 93.18 | 94.70 | 1.8 | 0.3 |
| All- Crops | 599.13 | 629.89 | 105.1 | 616.53 | 614.16 | 13.4 | 15.7 |

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 18.02.2011 (lakh tonnes)

| State | Total procurement in marketing season 2009-10 (Oct. – Sept.) | Progressive Procurement as on 18.02.2011 | |
|-----------------------|--|--|-------------------------------|
| | | In Marketing season 2010-2011 | In Marketing season 2009-2010 |
| Andhra Pradesh | 75.55 | 28.51 | 26.15 |
| Chhattisgarh | 33.57 | 33.67 | 28.69 |
| Haryana | 18.19 | 16.57 | 18.10 |
| Kerala | 2.61 | 0.71 | 0.92 |
| Maharashtra | 2.29 | 1.36 | 1.38 |
| Orissa | 24.96 | 13.16 | 12.51 |
| Punjab | 92.75 | 86.34 | 92.78 |
| Tamil Nadu | 12.41 | 5.47 | 3.68 |
| Uttar Pradesh | 29.01 | 16.86 | 22.73 |
| Uttaranchal | 3.75 | 2.53 | 2.55 |
| West Bengal | 12.40 | 5.16 | 5.28 |
| All-India | 320.34 | 216.62 | 218.82 |