

F.NO. 3-1/2008-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: 11th June, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 05.06.2009.**

Summary observations of the Group on Agenda Item

- *As on 7th June 2009, the Northern limit of monsoon passes through Ratanagiri, Gadag, Anantapur, Ongole, Kalingapattinam, Paradip, Balasore, Bankura and Gangtok.*
- *Current meteorological analysis suggests subdued monsoon activity during next 2-3 days. However numerical weather prediction models indicate increase in rainfall activity along west coast from 10th June, 09 onwards.*
- *Cumulative rainfall received for the country as whole, during the period 1st March to 31st May, 2009 was 91.0 mm which is 32% below the L.P.A.*
- *Sowing of Rice, Cotton, Sugarcane and Jute is in progress in some of the States.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has gone down from 18.90 BCM on 28.05.2009 to 17.50 BCM on 04.06.2009.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*
- *The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 23.05.2009 decreased to 0.48% from the previous week's level of 0.61%. The inflation rate was 8.90% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 23.05.2009 increased to 13.20% from the previous week's level of 12.80%. Among the foodgrains, inflation for Wheat has increased to 7.57% from the previous week's level of 7.46% and Cereals to 12.89% from the previous week's level of 12.54%, Rice to 14.66% from the previous week's level of 14.52% and Pulses to 15.35% from the previous week's level of 14.38%.*

- *The inflation for non-food items decreased to 0.90% from the previous week's level of 1.60% and food items to 8.10% from the previous week's level of 8.27%.*
- *All-India progressive procurement of Wheat as on 05.06.2009 was 240.48 lakh tonnes which is much higher than the procurement of 217.22 lakh tonnes in the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 05.06.2009 was 297.51 lakh tonnes which is much higher than the procurement of 251.66 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))

Pre-Monsoon Season Rainfall (March - May) during the week ending on 03rd June, 2009

- **Southwest monsoon further advanced into some more parts of Coastal & South Interior Karnataka, Rayalseema and south Coastal Andhra Pradesh on 1st June, 09.**
- **The southwest monsoon activity remained subdued during the week except over Andaman & Nicobar Islands, Tamil Nadu & Puducherry and Rayalseema.**
- **Southwest Monsoon was active** over Gangetic West Bengal on 1st June, 09, Nagaland, Manipur, Mizoram & Tripura on 2nd June, 09 and Sub-Himalayan West Bengal & Sikkim on 3rd June 2009.
- **Widespread/fairly widespread rain/thundershowers** occurred over Andaman & Nicobar Islands during first half of the week and activity decreased thereafter with occurrence of isolated rain/thundershowers.
- **Fairly widespread/widespread rain/thundershowers** occurred over Assam & Meghalaya during many days of the week. **Scattered to fairly widespread rain/thundershowers** occurred over Nagaland, Manipur, Mizoram & Tripura during many days of the week.
- **Isolated to scattered rain/thundershowers** occurred over remaining parts of northeast India, east, northwest, south and central India and Rajasthan.
- **Mainly dry weather** prevailed over remaining parts of the west India.

- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 16 met sub-divisions, deficient / scanty in 18 met sub-divisions and no rain in 02 met sub-divisions.

- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st March to 31st May, 2009)** was in excess / normal in 12 and deficient / scanty in 23 sub-divisions and no rain in 01 met sub-divisions.

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

| Region | Week Ending (03.06.09) | | | | Cumulative (01.03.09 to 31.05.09) | | | |
|------------------------|------------------------|--------|--------------|------|-----------------------------------|--------|-----------------------|---------------|
| | (in mm) | | Devi. (%) | Cat. | (in mm) | | Devia- tion (%) | Cate- gory |
| | Actual | Normal | | | Actual | Normal | | |
| North-West India | 6.7 | 7.6 | -12 | N | 69.3 | 115.2 | -40 | D |
| Central India | 4.1 | 9.9 | -58 | D | 20.1 | 40.5 | -50 | D |
| South Peninsular India | 16.9 | 23.7 | -29 | D | 109.4 | 127.2 | -14 | N |
| North-East India | 35.7 | 55.9 | -36 | D | 259.7 | 379.2 | -32 | D |
| Country as a whole | 12.5 | 19.2 | -35 | D | 91.0 | 134.5 | -32 | D |

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

Source: India Meteorological Department, New Delhi

TEMPERATURE

Maximum Temperature

- **Heat wave conditions** prevailed over West Rajasthan, Vidarbha and Chhattisgarh during beginning of the week and Coastal Andhra Pradesh and Orissa towards end of the week.
- The **maximum temperatures** were above normal to markedly above normal over Assam & Meghalaya during the week and over remaining parts of northeast India during many days of the week.
- They were **above normal to appreciably above normal** over Sub-Himalayan West Bengal & Sikkim and Orissa during many days of the week.
- They were **above normal to appreciably above normal** over Jammu & Kashmir, Maharashtra, Goa, Telangana, Rayalseema, Tamil Nadu & Puducherry, Coastal & North Interior Karnataka and Kerala during many days, Saurashtra & Kutch and East Madhya Pradesh during a few days of the week.

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.

- They were **near normal** over remaining parts of the country during many days of the week.

Weather Outlook / Forecast for the period 04th - 10th June, 2009 by IMD

Outlook for the Week Ending 10th June, 2009

- *A low pressure area is likely to form over Bay of Bengal around 5th June 09, which may become more marked afterwards. Under its influence, increase in rainfall activity likely over Coastal Andhra Pradesh and coastal Orissa.*
- *Further advance of monsoon is likely over some more parts of Karnataka, Andhra Pradesh and Coastal Orissa during 1st half of the week.*
- *Rainfall activity is likely to increase along Kerala, Karnataka and Konkan Coast during the week.*
- *Scattered to fairly widespread rainfall activity likely over Northeastern States and West Bengal & Sikkim.*
- *A Western Disturbance is likely to affect Western Himalayan region during beginning of the week.*
- ***Heat wave conditions** are likely to develop over some parts in the plains of Northwest India during 1st half of the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Jammu & Kashmir, Uttarakhand and Himachal Pradesh.*
- *Isolated duststorm / thunderstorm over Rajasthan after 48 hours.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at a few places over West Bengal & Sikkim*
- *Isolated rain/thunderstorm over Orissa and Jharkhand.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at many places over the region during next 24 hours decrease thereafter.*

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

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

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

- ***Isolated rain/thundershowers over Konkan & Goa and South Madhya Maharashtra.***
- ***Mainly dry weather over the rest region.***

Central India (MP, Chhattisgarh, Vidarbha)

- ***Isolated rain/thundershowers over Chhattisgarh during next 24 hours and mainly dry weather thereafter.***
- ***Mainly dry weather over the rest region.***

Reservoir Status (For the week ending on 04.06.2009)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 17.50 BCM. Current storage is less than the last year's position of 29.24 BCM and the average of last 10 year's storage of 21.02 BCM.

Table – 2: For 81 major reservoirs of the country

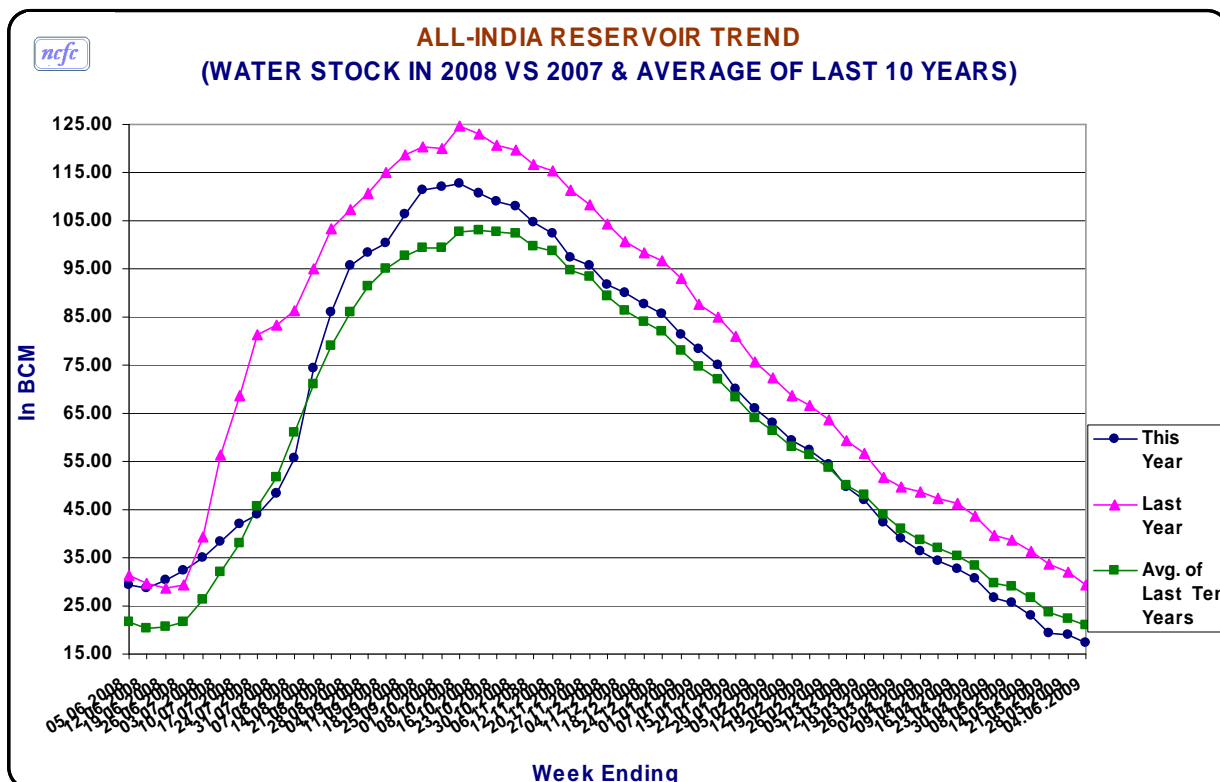
| Period | Current Year's Storage as % of FRL* | Current Year's storage as % of last year | Current year as a % of 10 years average level |
|--------------|-------------------------------------|--|---|
| Current Week | 12 | 60 | 83 |
| Last Week | 12 | 59 | 85 |

The percentage to live capacity at FRL was 19% on 04/06/2008, 20% on 04/06/2007, 22% on 02/06/2006 and 12% on 02/06/2005 .

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

Source: CWC

- There were 35 reservoirs having storage more than 80%, 19 reservoirs having storage between 50% to 80% of Normal Storage, 8 reservoirs having storage between 30% to 50% of Normal Storage and 13 reservoirs having storage below 30% of normal storage.
- There were six reservoirs namely Sriramsagar (AP), Kabini (Kar), Isapur (Maha), Krishnaraja Sagar (Kar), Yeldari (Maha), Kabini (Kar) and Kangsabati (WB) 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, 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 31st May, 2009</i> | <i>2912</i> | <i>1137</i> | <i>470</i> | <i>1052</i> |
| <i>Availability during 1st April to 31st May, 2009</i> | <i>3279</i> | <i>2059</i> | <i>661</i> | <i>1219</i> |
| <i>Sales during 1st April to 31st May, 2009</i> | <i>2004</i> | <i>1679</i> | <i>446</i> | <i>964</i> |
| <i>Closing Stock as on 31.05.2009</i> | <i>1275</i> | <i>379</i> | <i>215</i> | <i>255</i> |
| <i>Requirement for June, 2009</i> | <i>2707</i> | <i>1085</i> | <i>390</i> | <i>812</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.

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 23.05.2009 decreased to 0.48% from the previous week's level of 0.61%. The inflation rate was 8.90% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 0.32% to 5.90% followed by (b) Manufactured products group by 0.10% to 0.99% and (c) Fuel, power, light and lubricant group remained unchanged at the previous week's level of (-)6.68%. The share of these three groups in inflation during the week ending 23.05.2009 stood in the order of 286.33%, 115.91% and (-) 300.04% respectively.

Procurement:

Table – 4: Progressive procurement of Rice as on 05.06.2009 (lakh tonnes)

| State | Total procurement in marketing season 2007-08 (Oct. – Sept.) | Progressive Procurement as on 29.05.2009 | |
|----------------|--|--|-------------------------------|
| | | In Marketing season 2008-2009 | In Marketing season 2007-2008 |
| Andhra Pradesh | 74.17 | 69.20 | 57.76 |
| Chhattisgarh | 27.43 | 25.53 | 28.67 |
| Haryana | 15.72 | 14.25 | 15.72 |
| Kerala | 1.68 | 2.33 | 1.67 |
| Maharashtra | 1.60 | 2.09 | 1.37 |
| Orissa | 23.49 | 22.39 | 19.17 |
| Punjab | 79.07 | 85.23 | 78.47 |
| Tamil Nadu | 9.68 | 11.03 | 7.57 |
| Uttar Pradesh | 28.91 | 36.10 | 26.75 |
| Uttaranchal | 1.47 | 3.32 | 1.45 |
| West Bengal | 15.08 | 12.05 | 6.65 |
| All-India | 285.02 | 297.51 | 251.66 |

Table – 5: Progressive procurement of Wheat as on 05.06.2009 (lakh tonnes)

| State | Total procurement in marketing season 2008-09 (April - March) | Progressive Procurement as on 05.06.2008 | |
|-----------------------|--|---|--------------------------------------|
| | | In Marketing season 2009-2010 | In Marketing season 2008-2009 |
| Punjab | 99.41 | 107.18 | 99.21 |
| Haryana | 52.37 | 69.12 | 52.28 |
| Uttar Pradesh | 31.37 | 32.06 | 26.93 |
| Madhya Pradesh | 24.10 | 18.16 | 21.67 |
| Rajasthan | 9.35 | 11.31 | 9.16 |
| All-India | 226.89 | 240.48 | 217.22 |