

**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, the 21<sup>st</sup> May, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 15.05.2009.**

*Summary observations of the Group on Agenda Item*

- *Cumulative rainfall received for the country as whole, during the period 1<sup>st</sup> March to 13<sup>th</sup> May, 2009 was 54.4 mm.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has gone down from 25.82 BCM on 08.05.2009 to 23.00 BCM on 14.05.2009.*
- *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 02.05.2009 decreased to 0.48% from the previous week's level of 0.70%. The inflation rate was 8.73% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 02.05.2009 increased to 11.94% from the previous week's level of 11.47%. Among the foodgrains, inflation for Rice has increased to 13.72% from the previous week's level of 13.36% and Cereals to 11.55% from the previous week's level of 11.02%, Wheat to 6.51% from the previous week's level of 6.31% and Pulses to 14.82% from the previous week's level of 14.32%*
- *The inflation for non-food items increased to 2.32% from the previous week's level of 1.89% and food items has decreased to 7.11% from the previous week's level of 7.83%.*
- *All-India progressive procurement of Wheat as on 15.05.2009 was 224.29 lakh tonnes which is much higher than the procurement of 193.17 lakh tonnes in the corresponding date of last year.*
- *All-India progressive procurement of Rice as on 15.05.2009 was 284.55 lakh tonnes which is much higher than the procurement of 238.28 lakh tonnes in the corresponding date 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 13<sup>th</sup> May, 2009

- **Isolated to fairly widespread rain/thundershowers** occurred over Jammu & Kashmir during many days of the week.
- **Isolated rain/thundershowers** occurred over Himachal Pradesh during a few days of the week and over Uttarakhand, Uttar Pradesh, Haryana, Chandigarh & Delhi, East Rajasthan, West Madhya Pradesh for one or two days of the week.
- **Widespread to fairly widespread rain/thundershowers** occurred over Assam & Meghalaya during many days of the week.
- **Scattered to fairly widespread rain/thundershowers** occurred over Sub-Himalayan West Bengal & Sikkim and **isolated to scattered rain/thundershowers** occurred over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal and Orissa during many days of the week. Isolated to scattered rain/thundershowers occurred over Jharkhand and Bihar during a few days of the week.
- **Isolated to scattered rain/thundershowers** occurred over Andaman & Nicobar Islands, Tamil Nadu & Puducherry, South Interior Karnataka and Kerala during many days of the week. Isolated rain/thundershowers also occurred over Madhya Maharashtra for a few days, Coastal Andhra Pradesh, Telangana, Coastal Karnataka, North Interior Karnataka and Lakshadweep for 1 or 2 days of the week.
- Mainly **dry weather** prevailed over remaining parts of the country.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 06 met sub-divisions, deficient / scanty in 23 met sub-divisions and no rain in 07 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> March to 13<sup>th</sup> May, 2009)** was in excess / normal in 04 and deficient / scanty in 31 sub-divisions and no rain in 01 met sub-divisions.

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

Region	Week Ending (13.05.09)				Cumulative (01.03.09 to 13.05.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia-tion (%)	Cate-gory
	Actual	Normal			Actual	Normal		
North-West India	4.1	8.9	-54	D	59.9	96.7	-38	D
Central India	1.0	3.5	-72	S	5.4	26.9	-80	S
South Peninsular India	4.8	13.6	-65	S	50.8	72.4	-30	D
North-East India	28.0	40.9	-32	D	151.7	259.2	-41	D
Country as a whole	7.0	13.1	-47	D	54.4	94.3	-42	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 Vidarbha during many days of the week.
- Heat wave conditions also prevailed over some parts in interior Maharashtra, Coastal Andhra Pradesh, Telangana, Tamil Nadu & Puducherry and West Rajasthan during 2<sup>nd</sup> half of the week.
- The maximum temperatures were above normal to appreciably above normal over the above regions during many days of the week. They were also above normal to appreciably above normal over Andaman & Nicobar Islands, Lakshadweep and remaining parts of South & Central India and Rajasthan during many days of the week.
- Heat wave conditions prevailed over some parts of Bihar, Jharkhand, Gangetic West Bengal and Orissa for one or two days during first half of the week. The maximum temperatures were above normal to appreciably above normal over remaining parts of these regions during first half of the week. They decreased thereafter and became below normal to appreciably below normal towards the end of the week.
- They were above normal to appreciably above normal over Northeastern States during many days of the week.
- They were normal to below normal over many parts of northwest India during 1<sup>st</sup> half & below normal to markedly below normal during 2<sup>nd</sup> half of the week.
- They were near normal over remaining parts of the country during many 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.

## ***Weather Outlook / Forecast for the period 14<sup>th</sup> – 20<sup>th</sup> May, 2009 by IMD***

### **Outlook for the Week Ending 20<sup>th</sup> May, 2009**

- *Heat wave conditions are likely over some parts of northwest and central India.*
- *Rise in day temperature and decrease in rain/thunderstorm activity over east India except West Bengal and Sikkim where scattered activity will continue.*
- *Isolated to scattered rain/thunderstorm activity likely to continue over south peninsula during first half of the week and extend to north peninsula during second half of the week.*
- *Scattered to fairly widespread rain/thunderstorm activity with reduced intensity is likely over northeastern States.*
- *Conditions for onset of southwest monsoon over Nicobar Islands and adjoining Seas are likely to be favourable during second half of the week.*

### **Warning:**

- *Thunder squall accompanied with hail over some parts of West Bengal, Sikkim, Northeastern States, Orissa and Coastal Andhra Pradesh during next 48 hours.*

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

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

- *Isolated rain/thundershowers is likely over Jammu & Kashmir, Uttarakhand and Himachal Pradesh.*
- *Isolated duststorm/thunderstorm over the rest region during next 48 hours and mainly dry weather thereafter.*

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

- *Rain/thundershowers are likely at many places accompanied with isolated squall and hail over Orissa during next 48 hours and decrease thereafter.*
- *Rain/thundershowers at few places over West Bengal & Sikkim during next 24 hours and at many places thereafter.*
- *Isolated rain/thundershowers over the rest region.*

#### ***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/thundershowers at many places over Andaman & Nicobar Islands.***
- ***Rain/thundershowers at few places over Coastal Andhra Pradesh during next 24 hours.***
- ***Isolated rain/thundershowers over the rest region.***

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

- ***Isolated rain/thundershowers over Madhya Maharashtra, Marathawada and Konkan & Goa.***
- ***Mainly dry weather is likely over the region.***

***Central India (MP, Chhattisgarh, Vidarbha)***

- ***Isolated rain/thundershowers is likely over the region.***

## Reservoir Status (For the week ending on 14.05.2009)

- 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 23.00 BCM. Current storage is less than the last year's position of 36.35 BCM and the average of last 10 year's storage of 26.72 BCM.

**Table – 2: For 81 major reservoirs of the country**

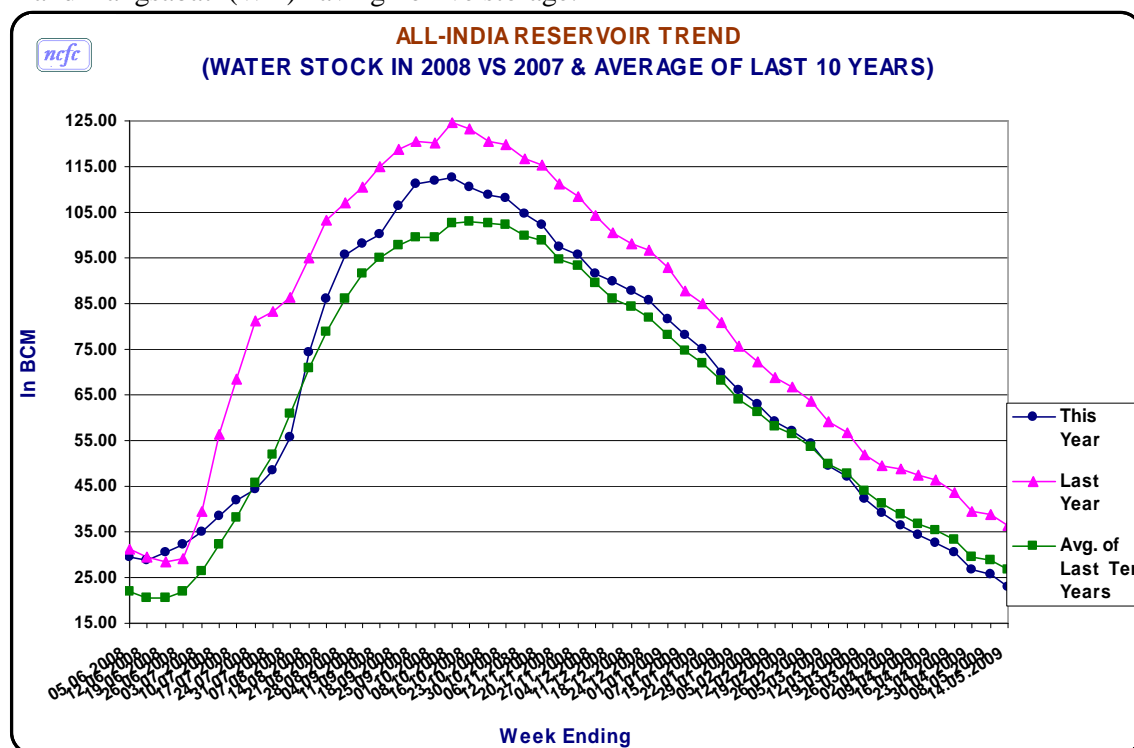
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	15	63	86
Last Week	17	66	89

The percentage to live capacity at FRL was 24% on 14/05/2008, 24% on 14/05/2007, 25% on 12/05/2006 and 18% on 12/05/2005 .

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

Source: CWC

- There were 37 reservoirs having storage more than 80%, 19 reservoirs having storage between 50% to 80% of Normal Storage and 11 reservoirs having storage between 30% to 50% of Normal Storage.
- There were seven reservoirs namely Salanadi (Ori), Vanivilas Sagar & Tungabhadra (Kar), Vaigai & Sholayar (TN), Upper Indravati (Ori) and Mahi Bajaj Sagar (Raj) having storage below 30% of normal storage and seven reservoirs namely Sriramsagar (AP), Kabini (Kar), Isapur (Maha), Bhima (Ujjani) (Maha) Yeldari (Maha), Gumti (Trp) 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 1<sup>st</sup> April to 14<sup>th</sup> 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 upto 01<sup>st</sup> April to 14<sup>th</sup> May, 2009</i>	<i>2912</i>	<i>1137</i>	<i>470</i>	<i>1052</i>
<i>Availability during 1<sup>st</sup> April to 14<sup>th</sup> May, 2009</i>	<i>2172</i>	<i>949</i>	<i>489</i>	<i>792</i>
<i>Sales during 1<sup>st</sup> April to 14<sup>th</sup> May, 2009</i>	<i>966</i>	<i>763</i>	<i>242</i>	<i>534</i>
<i>Closing Stock as on 14.05.2009</i>	<i>1206</i>	<i>188</i>	<i>248</i>	<i>258</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 02.05.2009 **decreased** to 0.48% from the previous week's level of 0.70%. The inflation rate was 8.73% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 0.33% to 5.64% followed by (b) Manufactured products group by 0.05% to 1.00% and (c) Fuel, power, light and lubricant group by 0.78% to (-) 6.61%. The share of these three groups in inflation during the week ending 02.05.2009 stood in the order of 272.31%, 115.91% and (-) 296.16% respectively.

### Procurement:

**Table – 4: Progressive procurement of Rice as on 15.05.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 15.05.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	60.71	48.54
Chhattisgarh	27.43	25.50	28.08
Haryana	15.72	14.25	15.72
Kerala	1.68	2.23	1.53
Maharashtra	1.60	1.95	1.24
Orissa	23.49	20.39	17.31
Punjab	79.07	84.99	78.30
Tamil Nadu	9.68	10.88	7.34
Uttar Pradesh	28.91	36.02	26.68
Uttaranchal	1.47	3.31	1.45
West Bengal	15.08	11.43	5.77
All-India	285.02	284.55	238.28

**Table – 5: Progressive procurement of Wheat as on 15.05.2009 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 15.05.2008	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Punjab	99.41	106.22	96.48
Haryana	52.37	68.77	51.50
Uttar Pradesh	31.37	22.18	17.52
Madhya Pradesh	24.10	15.21	15.54
Rajasthan	9.35	10.10	8.02
All-India	226.89	224.29	193.17