

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 28th May, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 22.05.2009.**

Summary observations of the Group on Agenda Item

- *Southwest monsoon set in over some parts of south Bay of Bengal, Andaman & Nicobar Islands and entire Andaman Sea on 20th May, 2009.*
- *The heat wave conditions prevailed over many parts of Rajasthan, West Madhya Pradesh and Vidarbha during many days of the week.*
- *Fairly widespread to widespread rain/thundershowers occurred over Andaman & Nicobar Islands during many days of the week.*
- *Cumulative rainfall received for the country as whole, during the period 1st March to 20th May, 2009 was 64.6 mm.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has gone down from 23.00 BCM on 14.05.2009 to 19.44 BCM on 21.05.2009.*
- *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 09.05.2009 increased to 0.61% from the previous week's level of 0.48%. The inflation rate was 8.57% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 09.05.2009 increased to 12.56% from the previous week's level of 11.94%. Among the foodgrains, inflation for Rice has increased to 14.58% from the previous week's level of 13.72% and Cereals to 12.20% from the previous week's level of 11.55%, Wheat to 6.56% from the previous week's level of 6.51% and Pulses to 14.87% from the previous week's level of 14.82%*

- *The inflation for non-food items decreased to 1.83% from the previous week's level of 2.32% and food items has increased to 7.94% from the previous week's level of 7.11%.*
- *All-India progressive procurement of Wheat as on 22.05.2009 was 231.53 lakh tonnes which is much higher than the procurement of 205.25 lakh tonnes in the corresponding date of last year.*
- *All-India progressive procurement of Rice as on 22.05.2009 was 289.32 lakh tonnes which is much higher than the procurement of 243.37 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 20th May, 2009

- **Southwest monsoon set in over some parts of south Bay of Bengal, Andaman & Nicobar Islands and entire Andaman Sea on 20th May, 2009.**
- **The heat wave conditions prevailed over many parts of Rajasthan, West Madhya Pradesh and Vidarbha during many days of the week.**
- **Fairly widespread to widespread rain/thundershowers** occurred over Andaman & Nicobar Islands during many days of the week.
- The **rainfall activity** over South Peninsula and Lakshadweep gradually increased and it was scattered to fairly widespread activity towards the end of the week.
- **Isolated to scattered rainfall** activity occurred over North Peninsula and Maharashtra for a few days of the week.
- **Isolated to scattered rain/thundershowers** occurred over Central, Jharkhand and Gangetic west Bengal during India during many days of the week and remaining parts of east India during a few days of the week.
- **Isolated rain/thundershowers** also occurred over Himachal Pradesh and Uttarakhand during many days, East Rajasthan on a few days and over Jammu & Kashmir, Punjab & Uttar Pradesh for one or two 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 16 met sub-divisions, deficient / scanty in 17 met sub-divisions and no rain in 03 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st March to 20th May, 2009)** was in excess / normal in 06 and deficient / scanty in 29 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 (20.05.09)				Cumulative (01.03.09 to 20.05.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	2.9	7.0	-59	D	62.3	103.7	-40	D
Central India	4.4	4.3	3	N	9.8	31.2	-68	S
South Peninsular India	22.5	20.9	8	N	74.5	93.3	-20	D
North-East India	23.7	43.4	-46	D	172.4	303.0	-43	D
Country as a whole	10.6	14.6	-28	D	64.6	109.0	-41	D

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

Source: India Meteorological Department, New Delhi

TEMPERATURE

Maximum Temperature

- Thundersqualls affected Jharkhand and Gangetic West Bengal on 18th May. Duststorms/thundersqualls affected some parts in the plains of northwest India including Delhi towards the end of the week.
- The heat wave conditions prevailed over many parts of Rajasthan, West Madhya Pradesh and Vidarbha during many days of the week.
- It also prevailed over Haryana, Chandigarh & Delhi, Punjab, East Madhya Pradesh, Chhattisgarh for one or two days during 2nd half of the week and Tamil Nadu & Puducherry during 1st half of the week.
- The maximum temperatures were above normal to appreciably above normal over many parts of northwest and central India during many days of the week.
- They were also above normal to markedly above normal over south India and Lakshadweep during 1st half of the week.
- They were above normal to appreciably above normal over Northeastern States and Sub-Himalayan West Bengal & Sikkim during many days of the week.
- They were below normal to appreciably below normal over remaining parts of east India during many days 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 14th – 20th May, 2009 by IMD

Outlook for the Week Ending 27th May, 2009

- *A low pressure area is likely to form over central Bay of Bengal around 23rd May. It may further concentrate into a depression on 24th May, 09 and move towards Bangladesh coast during 25-27th May, 09.*
- *Southwest monsoon is likely to advance further in association with the above system and cover some parts of Arabian Sea, remaining parts of south Bay of Bengal and more parts of central Bay of Bengal.*
- *Southwest monsoon is likely to set in over Kerala towards middle of the week leading to increase in rainfall activity over south peninsula, especially along west coast.*
- *Reduction in rain/thunderstorm activity over East and Northeast India. However, it may increase over these regions towards the end of the week.*
- *Rise in day temperature over plains of northwest India during second half of the week.*

Warning:

- *Isolated heavy to very heavy rainfall over Andaman & Nicobar Islands and isolated heavy falls over Kerala, Lakshadweep and Coastal Karnataka 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 accompanied with squall over the rest region.*

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

- *Isolated rain/thundershowers over the region during next 48 hours and increase thereafter.*

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

- *Rain/thundershowers at a few places over the region during next 48 hours and increase thereafter.*

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

- ***Rain/thundershowers*** at most places over Andaman & Nicobar Islands, Kerala, Lakshadweep, Tamil Nadu and Coastal & South Interior Karnataka.
- ***Rain/thundershowers*** at few places over Coastal Andhra Pradesh and North Interior Karnataka.
- ***Isolated*** rain/thundershowers over the rest region.

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

- ***Rain/thundershowers*** at a few places over South Konkan & Goa and South Madhya Maharashtra.
- ***Isolated*** rain/thundershowers over North Konkan & Goa, North Madhya Maharashtra and Marathawada.
- ***Mainly dry*** weather is likely over the rest region.

Central India (MP, Chhattisgarh, Vidarbha)

- ***Isolated*** rain/thundershowers over Chhattisgarh and Vidarbha.
- ***Mainly dry*** weather over the rest region.

Reservoir Status (For the week ending on 21.05.2009)

- 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 19.44 BCM. Current storage is less than the last year's position of 33.64 BCM and the average of last 10 year's storage of 23.83 BCM.

Table – 2: For 81 major reservoirs of the country

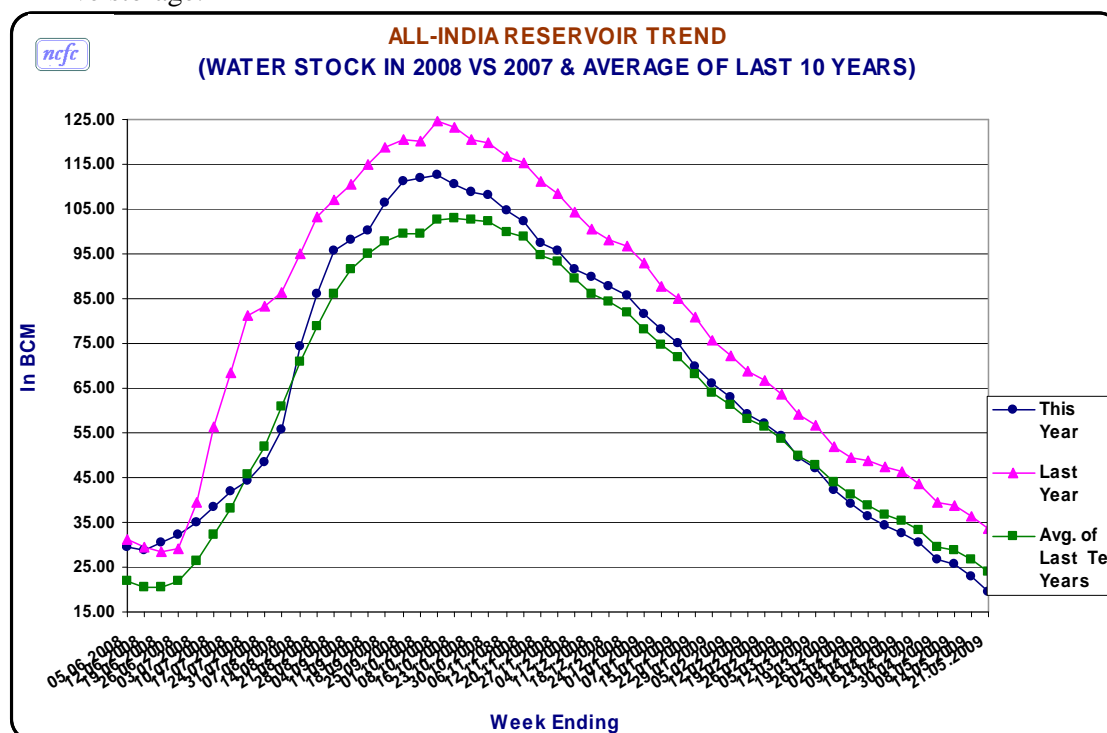
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	13	58	82
Last Week	15	63	86

The percentage to live capacity at FRL was 22% on 21/05/2008, 22% on 21/05/2007, 24% on 19/05/2006 and 17% on 19/05/2005 .

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

Source: CWC

- There were 36 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 12 reservoirs having storage between 30% to 50% of Normal Storage and 13 reservoirs having storage below 30% of normal storage.
- There were 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 1st April to 21st 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 21st May, 2009</i>	<i>2912</i>	<i>1137</i>	<i>470</i>	<i>1052</i>
<i>Availability during 1st April to 21st May, 2009</i>	<i>2442</i>	<i>1184</i>	<i>532</i>	<i>867</i>
<i>Sales during 1st April to 21st May, 2009</i>	<i>1105</i>	<i>930</i>	<i>286</i>	<i>592</i>
<i>Closing Stock as on 21.05.2009</i>	<i>1336</i>	<i>254</i>	<i>247</i>	<i>275</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 09.05.2009 **increased** to 0.61% from the previous week's level of 0.48%. The inflation rate was 8.57% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **increased** by 0.41% to 6.05% followed by (b) Manufactured products group by 0.14% to 1.14% and (c) Fuel, power, light and lubricant group remained unchanged at the previous week's level of (-) 6.61%. The share of these three groups in inflation during the week ending 09.05.2009 stood in the order of 229.69%, 104.73% and (-) 232.70% respectively.

Procurement:

Table – 4: Progressive procurement of Rice as on 22.05.2009 (lakh tonnes)

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 22.05.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	64.16	52.41
Chhattisgarh	27.43	25.51	28.13
Haryana	15.72	14.25	15.72
Kerala	1.68	2.24	1.56
Maharashtra	1.60	1.99	1.28
Orissa	23.49	20.81	17.58
Punjab	79.07	85.11	78.38
Tamil Nadu	9.68	10.95	7.46
Uttar Pradesh	28.91	36.06	26.74
Uttaranchal	1.47	3.31	1.45
West Bengal	15.08	11.76	6.32
All-India	285.02	289.32	243.37

Table – 5: Progressive procurement of Wheat as on 22.05.2009 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 22.05.2008	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Punjab	99.41	106.96	98.23
Haryana	52.37	68.97	52.00
Uttar Pradesh	31.37	26.43	22.24
Madhya Pradesh	24.10	16.44	18.10
Rajasthan	9.35	10.64	8.65
All-India	226.89	231.53	205.25

