

**F.NO. 3-1/2009-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: 28th May, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
21.05.2010.**

Summary observations of the Group on Agenda Item

- *In the Pre-Monsoon season, cumulative rainfall received for the country as a whole during the period 1st March to 19th May, 2010 was 86.9 mm which is 18% less than L.P.A.*
- *Widespread rainfall occurred in Andhra Pradesh and Tamil Nadu due to the cyclone “Laila”. West Bengal and Orissa are also likely to get good rains as result of the cyclone.*
- *Northeastern States received tremendous rainfall during the last week and the trend is expected to continue in the coming week. South Peninsula also received good rains and the trend will continue in the coming week as well. In North-western region, J&K and Himachal Pradesh received good rains during the week.*
- *Temperatures are likely to increase over North-west India in the coming week. Many areas of North-western region may also experience duststorms.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 25.20 BCM on 13.05.2010 to 23.76 BCM on 20.05.2010.*
- *In view of the widespread rainfall in the Southern States, local level advisories on conservation and use of the available moisture and the kind of crops which can be grown by farmers now need to be issued.*
- *As on 19th May 2010, area sown under Sugarcane is reported to be 42.85 lakh ha. as compared to 38.38 lakh ha. in the corresponding period of last year.*
- *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 08.05.2010 decreased to 16.19% from the previous week’s level of 16.76%. The inflation rate was 6.67% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Pulses has increased to 33.65% from the previous week's level of 32.49%; inflation for Wheat has decreased to 4.74% from the previous week's level of 7.19%, Rice to 7.72% from the previous week's level of 8.01% and for Cereals to 6.37% from the previous week's level of 7.46%.*
- *The inflation for non-food items decreased to 18.68% from the previous week's level of 21.24% and for the food items has increased to 16.49% from the previous week's level of 16.44%.*
- *All-India progressive procurement of Wheat as on 21.05.2010 was 220.80 lakh tonnes which is lower than the procurement of 230.62 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 21.05.2010 was 279.17 lakh tonnes which is lower than the procurement of 288.70 lakh tonnes upto the corresponding period of last year.*

Action Points which emerged in the meeting

- *Cyclone Laila has caused widespread and heavy rains in the States of Andhra Pradesh, Tamil Nadu, Orissa and West Bengal. ICAR was advised to make an assessment of the damage to the existing crops in the cyclone affected areas and the kind of advisories which may be issued to the farmers to conserve and utilize the available moisture. The assessment may be reported in the next meeting of the Group.*

(Action: ICAR)

- *There are reports that sowing of pulses such as summer Moong has begun in many areas. Crops Division was advised to collect the information on area coverage under pulses including summer Moong and report in the next meeting.*

(Action: Crops Division)

Action Points from the previous meetings

- *Chairman expressed concern on the thin attendance of representative from member organizations. All organizations are advised to ensure the attendance of their representatives for fruitful discussion in the meeting.*

(Action: All Organizations)

- *On the issue of monitoring crop condition, Chairman suggested that existing network of dryland centres, cropping system centres and agro-met centres could be utilized for making assessment on a fortnightly basis. Accordingly ICAR was advised to prepare a small note to organize the flow of requisite information in this regard for discussion in the next meeting.*

(Action: ICAR)

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 19th May, 2010

- **Fairly widespread to widespread rainfall** occurred over Arunachal Pradesh, Assam & Meghalaya and Jammu & Kashmir during many days of the week.
- **Widespread rainfall also occurred** over Andaman & Nicobar Islands during many days of the week, over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Coastal Andhra Pradesh, Tamilnadu & Puducherry and Coastal Karnataka during one or two days of the week.
- **Fairly widespread rainfall** occurred over Telangana on 15th May and over Rayalaseema on 19th May, 2010.
- **Fairly widespread rainfall** occurred over Kerala, South Interior Karnataka, Rayalaseema, Telangana, Himachal Pradesh, Orissa and Gangetic West Bengal during one or two days of the week.
- **Isolated to scattered rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura during many days, over Tamilnadu & Puducherry during a few days and over Jammu & Kashmir during one or days of the week.
- **Scattered rainfall** also occurred over Jharkhand on 15th May, 2010.
- **Isolated rainfall also occurred** over Jharkhand, Himachal Pradesh, Telangana, Rayalaseema, Tamilnadu & Puducherry, South Interior Karnataka and Kerala during a few days of the week and over Gangetic West Bengal, Orissa, East Uttar Pradesh, Uttarakhand, Punjab, East Rajasthan, Konkan & Goa, Coastal Andhra Pradesh, North Interior Karnataka and Lakshadweep during one or days of the week.
- Mainly **dry weather** prevailed over the rest regions of the country.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess /normal in 12, deficient / scanty in 15 met sub-divisions and no rain in 9 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st March to 19th May, 2010)** was in excess / normal in 09 met sub-divisions, deficient / scanty in 26 met sub-divisions and no rain in one met sub-division.

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

Region	Week Ending (19.05.2010)				Cumulative (01.03.10 to 19.05.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	11.4	7.8	46	E	60.8	99.3	-39	D
Central India	0.9	4.3	-79	S	10.7	30.4	-65	S
South Peninsular India	13.9	20.7	-33	D	80.5	90.4	-11	N
North-East India	37.0	42.2	-12	N	305.9	296.3	3	N
Country as a whole	12.4	14.6	-15	N	86.9	105.8	-18	N

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

Source: India Meteorological Department, New Delhi

Temperature

Maximum Temperature

- Maximum temperatures were markedly above normal over Bihar on 13th May, over Uttarakhand on 17th May and over Gujarat State on 19th May, 2010.
- They were above normal to appreciably above normal over Coastal & North Interior Karnataka, Gangetic West Bengal, Uttarakhand, Haryana, Chandigarh & Delhi, Gujarat State, Maharashtra and Chhattisgarh during many days of the week, over South Interior Karnataka, Punjab, Himachal Pradesh, Jammu & Kashmir, East Uttar Pradesh, Bihar, Orissa, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim and Andaman & Nicobar Islands during a few days of the week and over Assam & Meghalaya during one or two days of the week.
- Maximum temperatures were below normal over Nagaland, Manipur, Mizoram & Tripura, Orissa, Jharkhand and Jammu & Kashmir during one or two days of the week.
- They were below normal to appreciably below normal over Assam & Meghalaya during a few days of the week.
- They were appreciably below normal to markedly below normal over Arunachal Pradesh and Jammu & Kashmir during a few days of the week.
- They were markedly below normal over Andhra Pradesh, South Interior Karnataka and Tamilnadu & Puducherry on 19th May, 2010.
- Maximum temperatures were near normal over the remaining parts of the country

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 20th - 26th May, 2010 by IMD

Outlook for the Week Ending 26th May, 2010

- *Fairly widespread to widespread rain/thundershowers would occur over Coastal Andhra Pradesh and parts of Tamilnadu & Puducherry during first half of the week. The activity may decrease during second half of the week.*
- *Fairly widespread to widespread rain/thundershowers would also occur over northeastern States during the week.*
- *Scattered to Fairly widespread rain/thundershowers would occur over Western Himalayan Region during first half of the week.*
- *Scattered to Fairly widespread rain/thundershowers may also occur over Chhattisgarh, Jharkhand, parts of Bihar, Orissa and West Bengal & Sikkim during the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Uttarakhand, Himachal Pradesh and Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

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

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

- *Rain/thundershowers at many places over Arunachal Pradesh and Assam & Meghalaya and at a few places over NMM&T.*

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

- *Isolated rain/thundershowers over Coastal AP, Telangana, Rayalseema, Tamil Nadu & Puducherry and Karnataka.*
- *Rain/thundershower at a few places over rest of the region.*

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

- *Mainly dry weather over the region.*

Central India (MP, Chhattisgarh, Vidarbha)

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

Reservoir Status (For the week ending on 20.05.2010)

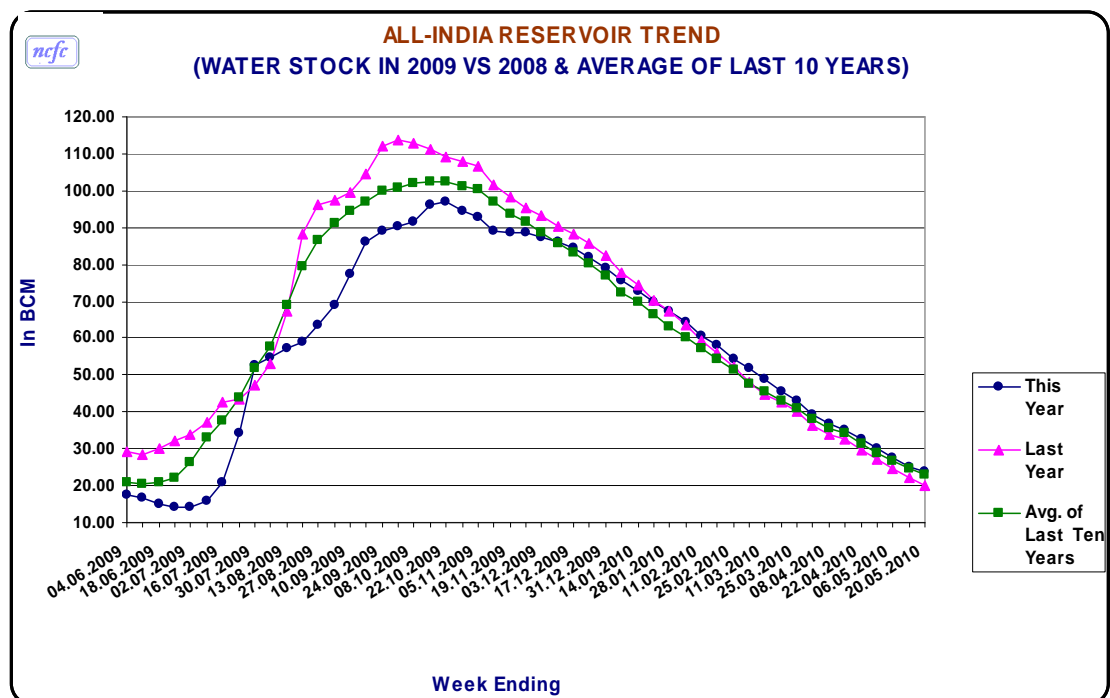
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 23.76 BCM from the previous week's level of 25.20 BCM. Current storage is less than the last year's position of 20.21 BCM and the average of last 10 year's storage of 23.06 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	16	118	103
Last Week	17	114	103
The percentage to live capacity at FRL was 13% on 20/05/2009, 21% on 20/05/2008, 27% on 17/05/2007 and 24% on 17/05/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 49 reservoirs having storage more than 80%, 10 reservoirs having storage between 50% to 80% of Normal Storage, 10 reservoirs having storage between 30% to 50% of Normal Storage and 6 reservoirs having storage below 30% of normal storage.
- There were six reservoirs namely Sriramsagar (AP), Kabini (Kar), Isapur, Bhima (Ujjani) & Yeldari (Maha) and Gumti (Trp) 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, 2010

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for May, 2010</i>	<i>1749</i>	<i>992</i>	<i>246</i>	<i>622</i>
<i>Availability during 1st to 29th April, 2010</i>	<i>1581</i>	<i>445</i>	<i>122</i>	<i>440</i>
<i>Sales during 1st to 29th April, 2010</i>	<i>525</i>	<i>282</i>	<i>47</i>	<i>164</i>
<i>Closing Stock as on 29.04.2010</i>	<i>1056</i>	<i>163</i>	<i>75</i>	<i>277</i>
<i>Requirement for June, 2010</i>	<i>2509</i>	<i>1322</i>	<i>423</i>	<i>858</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.

Procurement:

Table – 4: Progressive procurement of Wheat as on 21.05.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 21.05.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	107.25	101.78	106.84
Haryana	69.24	63.31	68.94
Uttar Pradesh	38.82	15.06	25.84
Madhya Pradesh	19.68	33.89	16.44
Rajasthan	11.52	4.72	10.60
All-India	253.82	220.80	230.62

Table – 5: Progressive procurement of Rice as on 21.05.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 21.05.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	52.31	63.68
Chhattisgarh	28.48	30.83	25.51
Haryana	14.25	18.16	14.25
Kerala	2.37	2.56	2.24
Maharashtra	2.61	1.90	1.96
Orissa	27.90	19.67	20.81
Punjab	85.53	92.74	85.07
Tamil Nadu	11.99	10.22	10.94
Uttar Pradesh	36.87	26.39	36.03
Uttaranchal	3.49	3.51	3.31
West Bengal	16.67	10.16	11.76
All-India	336.84	279.17	288.70