

**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: 06th April, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
26.03.2010.**

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 24th March, 2010 was 6.2 mm which is 74% less than L.P.A.*
- *Maximum temperature anomaly was 6°C and above over most parts of Jammu & Kashmir, Himachal Pradesh, West Rajasthan, some parts of Haryana, East Rajasthan, between 4 to 6°C over most parts of Uttarakhand, Punjab, Haryana, Delhi, West Uttar Pradesh, East Rajasthan, Gujarat, Saurashtra & Kutch, East Madhya Pradesh, Arunachal Pradesh, Nagaland, Manipur, some parts of Jammu & Kashmir, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Bihar and Jharkhand.*
- *Minimum temperature anomaly was 4°C and above over most parts of Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Punjab, Delhi, Rajasthan, Sub-Himalayan West Bengal & Sikkim, some parts of West Uttar Pradesh, Bihar, Jharkhand, Gangetic West Bengal, Madhya Pradesh, Gujarat, Saurashtra & Kutch.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 45.53 BCM on 18.03.2010 to 42.87 BCM on 25.03.2010.*
- *Area sown reported till 26.03.2010 under Coarse Cereals, Pulses and Oilseeds was 104%, 122% and 99% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 106% of the normal area under rabi crops have been sown upto 26.03.2010. Area sown under all rabi crops taken together has been reported to be 625.36 lakh hectares at All India level as compared to 628.89 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 2.3 lakh ha. under Wheat and 5.8 lakh ha. under Gram. Area coverage is lower by 4.3 lakh ha. under Rice, 3.7 lakh ha. under Jowar, 1.8 lakh ha. under Rapeseed & Mustard and 2.7 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 13.03.2010 decreased to 13.88% from the previous week's level of 14.16%. The inflation rate was 4.91% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Pulses has increased to 31.68% from the previous week's level of 29.77%; Inflation for Rice has decreased to 7.42% from the previous week's level of 8.53%, for Wheat to 15.09% from the previous week's level of 15.69% and for Cereals 10.64% from the previous week's level of 11.40%..*
- *The inflation for non-food items decreased to 13.06% from the previous week's level of 13.99% and for the food items to 16.22% from the previous week's level of 16.30%.*
- *All-India progressive procurement of Rice as on 26.03.2010 was 251.35 lakh tonnes which is lower than the procurement of 255.74 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))

Pre-Monsoon Season Rainfall (March - May) during the week ending on 24th March, 2010

- **Isolated to scattered rainfall** occurred over Arunachal Pradesh and Assam & Meghalaya on one or two days of the week.
- **Isolated rainfall** occurred over West Bengal, Orissa, Jharkhand and Coastal & North Interior Karnataka on one or two days of the week.
- Mainly **dry weather** prevailed over the remaining parts of the country during the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess /normal in 01, deficient / scanty in 14 met sub-divisions and no rain in 21 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st March to 24th March, 2010)** was in excess / normal in 05 met sub-divisions, deficient / scanty in 28 met sub-divisions and no rain in 03 met sub-divisions.

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

Region	Week Ending (24.03.2010)				Cumulative (01.03.10 to 24.03.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Deviation (%)	Category
	Actual	Normal			Actual	Normal		
North-West India	0.0	16.3	-99	S	8.2	41.4	-80	S
Central India	0.3	2.1	-86	S	2.6	6.9	-62	S
South Peninsular India	0.1	2.4	-97	S	1.2	9.0	-87	S
North-East India	3.3	16.7	-80	S	16.2	45.2	-64	S
Country as a whole	0.6	8.8	-93	S	6.2	24.0	-74	S

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 Temperature

- Appreciably above normal to markedly above normal over Sub-Himalayan West Bengal & Sikkim, Uttarakhand, Haryana, Punjab, Himachal Pradesh, Jammu & Kashmir, Rajasthan, West Madhya Pradesh, Saurashtra & Kutch on most days of the week and over Gujarat Region on many days of the week.
- Above normal to appreciably above normal over Assam & Meghalaya, Jharkhand, Bihar, Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, on most days of the week and over Arunachal Pradesh, Gangetic West Bengal and Maharashtra & Goa on many days of the week and over Nagaland, Manipur, Mizoram & Tripura, Orissa, Coastal & South Interior Karnataka on a few days of the week and over Andaman & Nicobar Islands, Gujarat Region, Telangana, North Interior Karnataka and Lakshadweep on one or two days of the week.
- Minimum temperatures were near normal over the remaining parts of the country.

Maximum Temperature

- Appreciably above normal to markedly above normal over Bihar, West Uttar Pradesh, Uttarakhand, Haryana, Punjab, Himachal Pradesh, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Chhattisgarh on most days of the week and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh and Gujarat on many days of the week and over Arunachal Pradesh on a few days of the week.
- Above normal to appreciably above normal over Gangetic West Bengal, Orissa, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh, Telangana, Tamil Nadu, Coastal Karnataka and Kerala on most days of the week and over Andaman & Nicobar Islands, Konkan & Goa, Rayalseema, interior Karnataka on many days of the week and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Gujarat and Lakshadweep on one or two days of the week.
- Markedly below normal over Arunachal Pradesh on 23rd and 24th March, 2010.
- Below normal to appreciably below over Arunachal Pradesh, East Madhya Pradesh, Chhattisgarh on one or two days of the week.
- Maximum temperatures were near normal over the remaining parts of the country.

Weather Outlook / Forecast for the period 25th - 31st March, 2010 by IMD

Outlook for the Week Ending 31st March, 2010

- *Scattered to fairly widespread rainfall will occur over Arunachal Pradesh during the week.*
- *Isolated to scattered rainfall may occur over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Jammu & Kashmir during the week.*

Zone-wise Weather Forecast:

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

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

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

- *Isolated rain/thundershowers over Sub-Himalayan West Bengal & Sikkim.*
- *Mainly dry weather over the region.*

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

- *Isolated rain/thundershowers over the region.*

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

- *Isolated rain/thundershowers over Costal Karnataka, Kerala, Lakshadweep and Andaman & Nicobar Islands.*
- *Mainly dry weather over the rest region.*

West India (Maharashtra, Other than Vidarbha, Gujarat, 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 25.03.2010)

- 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 42.87 BCM from the previous week's level of 45.53 BCM. Current storage is less than the last year's position of 40.17 BCM and the average of last 10 year's storage of 40.92 BCM.

Table – 2: For 81 major reservoirs of the country

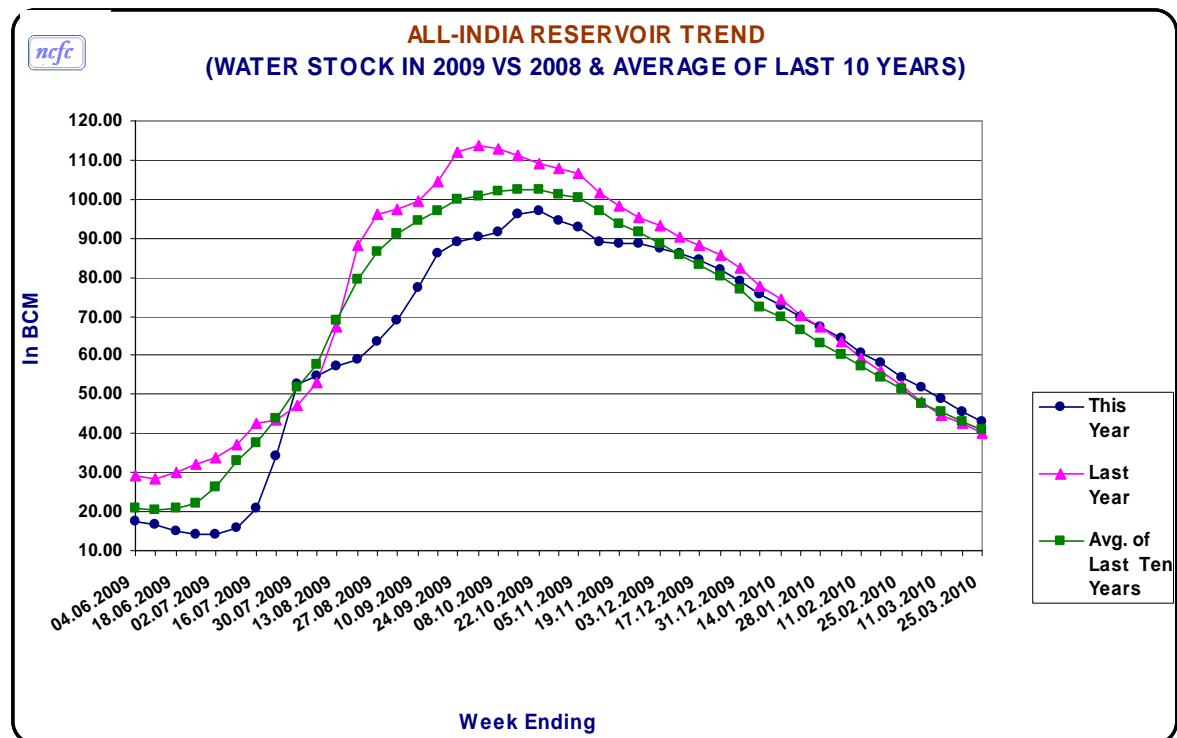
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	28	107	105
Last Week	30	106	105

The percentage to live capacity at FRL was 26% on 25/03/2009, 32% on 25/03/2008, 41% on 22/03/2007 and 39% on 22/03/2006 .

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

Source: CWC

- There were 50 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 10 reservoirs having storage between 30% to 50% of Normal Storage and 7 reservoirs having storage below 30% of normal storage.
- There was only one reservoir namely Sriramsagar (AP) 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 March, 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 March, 2010</i>	<i>1463</i>	<i>331</i>	<i>235</i>	<i>352</i>
<i>Availability during 1st to 25th March, 2010</i>	<i>1432</i>	<i>514</i>	<i>401</i>	<i>822</i>
<i>Sales during 1st to 25th March, 2010</i>	<i>988</i>	<i>404</i>	<i>162</i>	<i>485</i>
<i>Closing Stock as on 25.03.2010</i>	<i>444</i>	<i>110</i>	<i>239</i>	<i>338</i>
<i>Requirement for April, 2010</i>	<i>1182</i>	<i>619</i>	<i>254</i>	<i>461</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

Statement on All India Crop Situation - Rabi (2009-10) as on 26-03-2010							
(In lakh hectares)							
Crop Name	Normal Area for whole Rabi Season	Area sown reported			Change vis-à-vis prev. year		Changes in major States (abs. %)
		This Year as on 26-03-2010	% of Col. 3 to Col. 2	Last Year as on 26-03-2009	Absolute	Percentage	
1	2	3	4	5	6	7	8
Wheat	270.99	278.17	102.6	275.89	2.3	0.8	Bih (+1.9, +8.9), Chhat (+0.9, +105.6), Guj (-2.9, -24.2), HP (+0.2, +5.6), Kar (+0.2, +9.0), MP (+4.8, +12.6), Maha (+0.7, +6.6), Raj (-3.2, -14.6), UP (-1.0, -1.1), WB (+0.7, +23.8)
Rice	39.80	42.44	106.6	46.69	-4.3	-9.1	AP (-2.5, -16.0), Ass (-0.3, -6.8), Bih (-0.2, -11.5), Kar (+0.5, +14.96), Ori (-0.7, -23.3), WB (-1.0, -6.9)
Jowar	47.53	45.70	96.1	49.42	-3.7	-7.5	AP (+0.4, +23.7), Kar (-0.8, -6.3), Maha (-3.6, -10.9)
Maize	8.70	11.61	133.4	11.74	-0.1	-1.1	AP (-0.8, -21.5), Bih (+0.3, +10.8), Kar (-0.1, -11.8), Maha (+0.2, +22.9), TN (+0.2, +9.7)
Barley	6.30	7.60	120.6	7.17	0.4	6.0	M.P. (+0.2, +16.9), Raj (-0.3, -9.4), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	65.27	104.4	68.73	-3.5	-5.0	AP (-0.4, -7.2), Bih (+0.4, +11.3), Kar (-0.9, -6.8), MP (+0.2, +16.7), Maha (-3.4, -10.0), Raj (-0.3, -9.4), TN (+0.3, +6.2), UP (+0.6, +23.8)
Total Cereals	373.33	385.88	103.4	391.31	-5.4	-1.4	
Gram	71.45	89.34	125.0	83.54	5.8	6.9	AP (+0.8, +13.0), Chhat (+0.4, +12.2), Guj (-0.8, -33.7), Kar (+2.7, +31.5), MP (+4.7, +17.1), Maha (+1.6, +13.7), Raj (-3.8, -30.4), U.P. (+0.2, +2.8)
Lentil	14.30	15.23	106.5	14.66	0.6	3.9	MP (+0.3, +6.2), UP (+0.2, +3.3)
Peas	7.32	7.26	99.2	8.12	-0.9	-10.5	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.97	175.5	5.09	-0.1	-2.3	Chhat (-0.1, -30.2), Kar (-0.2, -11.2)
Urad	7.16	8.94	124.8	8.32	0.6	7.5	AP (+1.1, +45.3), Ori (+0.4, +13.25), TN (-0.9, -34.1)
Moong	6.50	7.68	118.1	7.08	0.6	8.4	AP (+0.2, +21.9), Ori (+0.9, +17.4), TN (-0.5, -39.6)
Lathyrus	6.41	4.28	66.7	4.25	0.0	0.6	
Others	3.22	7.10	220.4	6.18	0.9	14.8	
Total Pulses	119.19	144.79	121.5	137.23	7.6	5.5	AP (+3.2, +30.8), Bih (+0.2, +3.6), Chhatt (+0.4, +4.7), Guj (-0.8, -32.3), (Kar (+2.6, +24.9), MP (+5.0, +13.9), Maha(+1.6, +12.4), Ori (+1.4, +11.7), Raj (-3.8, -29.7), TN (-1.6, -28.1), UP (-0.5, -2.6)
Total Foodgrains	492.52	530.67	107.7	528.54	2.1	0.4	
Rapeseed & Mustard	65.27	65.07	99.7	66.91	-1.8	-2.8	Bih (-0.2, -11.2), Guj (-0.9, -29.3), Har (-0.9, -14.9), MP (+0.8, +10.0), Ori (+0.5, +46.4), Raj (-4.8, -17.1), UP (+4.1, +47.0), WB (-0.2, -3.3)
Groundnut	8.91	10.37	116.3	10.66	-0.3	-2.8	Kar (+0.4, +21.7), Maha (-0.2, -29.6), TN (+0.4, +18.1), WB (+0.3, +85.7)
Safflower	3.59	2.67	74.3	2.82	-0.2	-5.4	Guj (-0.1, -100.0), Maha (-0.1, -6.0)
Sunflower	13.11	9.07	69.2	11.75	-2.7	-22.8	AP (-0.5, -14.7), Kar (-2.1, -34.7), Maha (-0.1, -5.2), TN (-0.1, -51.5)
Sesamum	2.60	1.76	67.7	1.82	-0.1	-3.4	AP (-0.1, -35.3), TN (-0.2, -44.4), WB (+0.3, +71.4)
Linseed	4.53	4.48	98.9	4.56	-0.1	-1.8	Chhat (-0.1, -5.4), MP (+0.2, +14.5), Maha(-0.1, -13.5)
Others	0.53	1.28	241.3	1.83	-0.6	-30.1	
Total Oilseed (Nine)	95.42	94.69	99.2	100.35	-5.7	-5.6	AP (-0.6, -8.2), Bih (-0.2, -9.4), Guj (-2.6, -54.7), Har (-0.9, -14.9), Kar (-1.8, -20.2), MP (+1.0, +10.7), Maha (-0.5, -10.2), Ori (+0.3, +7.8), Raj (-4.8, -17.0), UP (+4.1, +44.8), WB (+0.5, +8.5)
All- Crops	587.94	625.36	106.4	628.89	-3.5	-0.6	

Source: Crops & TMOP Divisions, DAC

*:- Includes Lentil, Peas, Kulthi, Lathyrus, Cowpea, Avare and Moth etc. during 2007-08 Adv. Est. (E&S).

Procurement:

Table – 5: Progressive procurement of Rice as on 26.03.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 26.03.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	36.07	46.91
Chhattisgarh	28.48	30.21	25.44
Haryana	14.25	18.15	14.05
Kerala	2.37	3.08	2.15
Maharashtra	2.61	1.71	1.59
Orissa	27.90	18.06	16.43
Punjab	85.53	92.70	84.40
Tamil Nadu	11.99	7.83	9.60
Uttar Pradesh	36.87	25.00	34.82
Uttaranchal	3.49	3.08	2.98
West Bengal	16.67	8.23	8.00
All-India	336.84	251.35	255.74