

**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: 22nd April, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
16.04.2010.**

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 14th April, 2010 was 22.6 mm which is 52% less than L.P.A.*
- *Maximum temperature anomaly was 6°C and above over most parts of Jammu & Kashmir, Himachal Pradesh, 4 to 6°C over most parts of Uttarakhand, Punjab, Haryana, Delhi, Rajasthan, West Uttar Pradesh, Bihar, Jharkhand, East Madhya Pradesh, Chhattishharh, Vidarbha.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 36.85 BCM on 08.04.2010 to 35.05 BCM on 15.04.2010.*
- *Area sown reported till 16.04.2010 under Coarse Cereals, Pulses and Oilseeds was 104%, 121% and 102% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 109% of the normal area under rabi crops have been sown upto 16.04.2010. Area sown under all rabi crops taken together has been reported to be 638.13 lakh hectares at All India level as compared to 635.12 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 8.1 lakh ha. under Wheat and 5.8 lakh ha. under Gram. Area coverage is lower by 3.3 lakh ha. under Rice, 3.7 lakh ha. under Jowar, 1.8 lakh ha. under Rapeseed & Mustard and 3.2 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 03.04.2010 increased to 13.88% from the previous week's level of 14.50%. The inflation rate was 6.71% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Rice has decreased to 8.45% from the previous week's level of 8.80%, Wheat to 12.42% from the previous week's level of 13.34%, Pulses to 32.55% from the previous week's level of 32.60% and for Cereals to 10.21% from the previous week's level of 10.92%.*
- *The inflation for non-food items decreased to 10.24% from the previous week's level of 11.56% and for the food items to 17.22% from the previous week's level of 17.70%.*
- *All-India progressive procurement of Wheat as on 16.04.2010 was 99.33 lakh tonnes which is higher than the procurement of 81.21 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 16.04.2010 was 259.49 lakh tonnes which is lower than the procurement of 267.60 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 14th April, 2010

- **Fairly widespread to widespread rainfall** occurred over Arunachal Pradesh and Assam & Meghalaya and Sub-Himalayan West Bengal during many days of the week.
- **Fairly widespread to widespread rainfall** occurred over Jammu & Kashmir on one or two days of the week.
- **Scattered to fairly widespread rainfall** occurred over Kerala during many days of the week and over South Interior Karnataka on a few days of the week.
- **Isolated rainfall** occurred over Tamil Nadu & Puducherry during many days of the week and over Lakshadweep, Rayalseema, Konkan & Goa, Madhya Maharashtra and West Rajasthan during one or two days of the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess /normal in 05, deficient / scanty in 14 met sub-divisions and no rain in 17 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st March to 14th April, 2010)** was in excess / normal in 04 met sub-divisions, deficient / scanty in 30 met sub-divisions and no rain in 02 met sub-divisions.

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

Region	Week Ending (14.04.2010)				Cumulative (01.03.10 to 14.04.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	2.7	6.4	-58	D	15.1	64.0	-76	S
Central India	0.0	2.0	-99	S	3.0	14.1	-79	S
South Peninsular India	4.5	7.5	-39	D	10.6	26.2	-59	D
North-East India	13.1	23.4	-44	D	93.7	107.6	-13	N
Country as a whole	3.8	7.9	-51	D	22.6	46.7	-52	D

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

Maximum Temperature

- Maximum temperatures were appreciably above normal to markedly above normal over the entire north India during most days of the week except on 12th April, 2010 in Jammu & Kashmir when it was normal.
- Appreciably above normal to markedly above normal maximum temperatures were also recorded over Vidarbha, Chhattisgarh, Telangana, Rayalseema and East India during the week.
- They were above normal to appreciably above normal over southern peninsula and Andaman & Nicobar Islands during most days of the week.
- Maximum temperatures were above normal to appreciably above normal over northeastern States during 1st two days of the week. They became normal to below normal during remaining days of the week except 13th April, 2010 when the maximum temperature fell to appreciably below normal over Arunachal Pradesh.
- Maximum temperatures were near normal over the remaining parts of the country.

Weather Outlook / Forecast for the period 15th – 21st April, 2010 by IMD

Outlook for the Week Ending 21st April, 2010

- *Heat wave would continue over central parts of the country, parts of northwest India, east India and some parts of Gujarat during the week.*
- *Isolated to scattered rain/thundershowers would occur over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during many days and scattered to fairly widespread accompanied with squall over northeastern States.*
- *Isolated to scattered rainfall would also occur over Kerala, south Karnataka, Lakshadweep during many days of the week and over Coastal Karnataka, Tamil Nadu & Puducherry during one or two days of the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Uttarakhand, Haryana, Chd & Delhi, Punjab and Jammu & Kashmir and at a few places over 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 Sub-Himalayan west Bengal & Sikkim, Gangetic West Bengal and 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.*
- *Rain/thundershowers at a few places over NMM&T.*

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

- *Rain/thundershowers at a few places over Costal Karnataka, south Interior Karnataka and Kerala.*
- *Mainly dry weather over the rest region.*

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

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

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 15.04.2010)

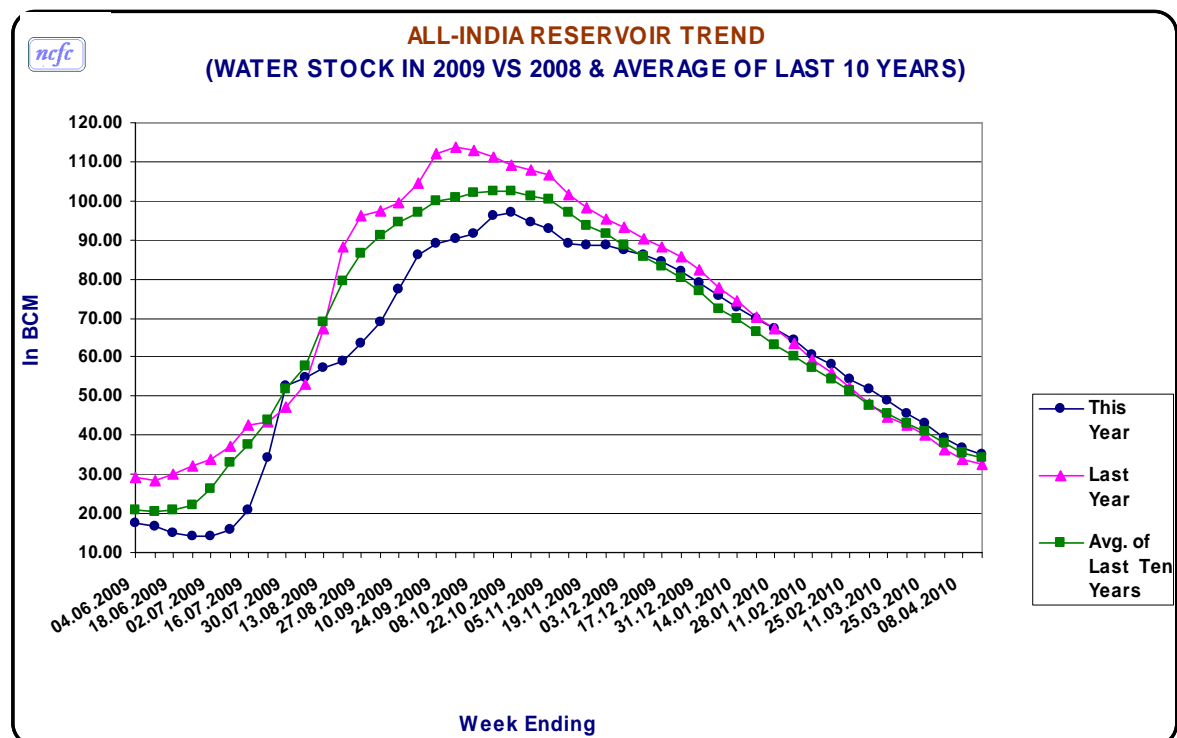
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 35.05 BCM from the previous week's level of 36.85 BCM. Current storage is less than the last year's position of 32.40 BCM and the average of last 10 year's storage of 34.08 BCM.

Table – 2: For 81 major reservoirs of the country

<u>Period</u>	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	23	108	103
Last Week	24	108	103
The percentage to live capacity at FRL was 21% on 15/04/2009, 19% on 15/04/2008, 35% on 12/04/2007 and 32% on 12/04/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 46 reservoirs having storage more than 80%, 16 reservoirs having storage between 50% to 80% of Normal Storage, 7 reservoirs having storage between 30% to 50% of Normal Storage and 8 reservoirs having storage below 30% of normal storage.
- There were three reservoirs namely Sriramsagar (AP), Kabini (Kar) 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 April, 2010</i>	<i>1182</i>	<i>619</i>	<i>254</i>	<i>461</i>
<i>Availability during 1st to 15th April, 2010</i>	<i>519</i>	<i>184</i>	<i>86</i>	<i>221</i>
<i>Sales during 1st to 15th April, 2010</i>	<i>117</i>	<i>94</i>	<i>5</i>	<i>40</i>
<i>Closing Stock as on 15.04.2010</i>	<i>402</i>	<i>90</i>	<i>81</i>	<i>182</i>
<i>Requirement for May, 2010</i>	<i>1749</i>	<i>992</i>	<i>246</i>	<i>622</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 16-04-2010							
(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 16-04-2010	% of Col. 3 to Col. 2	Last Year as on 16-04-2009	Absolute	Percentage	
1	2	3	4	5	6	7	8
Wheat	270.99	286.84	105.8	278.77	8.1	2.9	Bih (+1.9, +9.0), Chhat (+1.0, +106.7), Guj (-2.9, -24.4), J&K (-0.4, -13.7), Kar (+0.2, +8.6), MP (+4.8, +12.6), Maha (+0.7, +6.6), Pun (-0.2, -0.5), Raj (+1.5, +6.5), UP (+1.2, +1.2), WB (+0.7, +23.8)
Rice	39.80	44.42	111.6	47.69	-3.3	-6.9	AP (-2.6, -16.6), Bih (-0.1, -7.7), Kar (+0.3, +10.3), Ori (-0.7, -20.2), TN (-0.1, -5.7), WB (-1.1, -6.9)
Jowar	47.53	45.74	96.2	49.44	-3.7	-7.5	AP (+0.4, +23.7), Kar (-0.8, -6.3), Maha (-3.6, -10.9)
Maize	8.70	11.77	135.3	11.87	-0.1	-0.8	AP (-0.9, -22.4), Bih (+0.3, +10.8), Kar (-0.1, -11.8), Maha (+0.2, +22.9), TN (+0.3, +13.5)
Barley	6.30	7.28	115.6	7.18	0.1	1.4	M.P. (+0.2, +16.9), Raj (-0.6, -20.9), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	65.20	104.3	68.88	-3.7	-5.3	AP (-0.4, -7.4), Bih (+0.4, +11.3), Kar (-0.9, -6.8), MP (+0.2, +16.7), Maha (-3.4, -10.0), Raj (-0.6, -20.9), TN (+0.4, +8.5), UP (+0.6, +23.8)
Total Cereals	373.33	396.46	106.2	395.34	1.1	0.3	
Gram	71.45	89.35	125.1	83.60	5.8	6.9	AP (+0.8, +13.0), Chhat (+0.4, +13.1), 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	15.25	106.6	14.79	0.5	3.1	Bih (-0.1, -2.7), MP (+0.3, +6.2), UP (+0.2, +3.3)
Peas	7.32	7.27	99.3	8.15	-0.9	-10.8	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.97	175.5	5.23	-0.3	-5.1	Chhat (-0.1, -30.2), Kar (-0.2, -11.2), Ori (-0.1, -5.3)
Urad	7.16	9.02	126.0	8.92	0.1	1.1	AP (+0.7, +26.2), Ori (+0.3, +7.6), TN (-0.9, -34.1)
Moong	6.50	7.77	119.6	7.39	0.4	5.2	AP (+0.1, +18.7), Ori (+0.7, +12.9), TN (-0.5, -39.6)
Lathyrus	6.41	4.28	66.7	4.23	0.0	1.0	
Others	3.22	6.79	211.0	6.36	0.4	6.8	
Total Pulses	119.19	144.70	121.4	138.68	6.0	4.3	AP (+2.5, +23.0), Chhatt (+0.4, +5.2), Guj (-0.8, -32.3), (Kar (+2.6, +24.9), MP (+5.0, +13.9), Maha(+1.6, +12.4), Ori (+0.8, +6.1), Raj (-3.8, -29.7), TN (-1.6, -28.1), UP (-0.5, -2.6)
Total Foodgrains	492.52	541.16	109.9	534.02	7.1	1.3	
Rapeseed & Mustard	65.27	65.13	99.8	66.90	-1.8	-2.6	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	11.21	125.8	10.92	0.3	2.7	Guj (-0.5, -42.5), Kar (+0.3, +13.9), TN (+0.4, +17.0), WB (+0.3, +85.7)
Safflower	3.59	2.68	74.6	2.80	-0.1	-4.4	AP (+0.1, +42.9), Guj (-0.1, -100.0), Maha (-0.1, -6.0)
Sunflower	13.11	9.09	69.3	12.25	-3.2	-25.8	AP (-0.5, -14.7), Kar (-2.1, -33.9), Maha (-0.7, -31.7), TN (-0.1, -48.5)
Sesamum	2.60	2.43	93.4	1.76	0.7	38.0	TN (-0.2, -40.9), WB (+0.9, +242.9)
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	1.97	370.9	1.92	0.0	2.4	
Total Oilseed (Nine)	95.42	96.98	101.6	101.11	-4.1	-4.1	AP (-0.4, -6.3), Guj (-2.0, -41.6), Har (-0.9, -14.9), Kar (-1.9, -20.6), MP (+1.0, +10.7), Maha (-0.9, -18.6), Ori (+1.0, +23.8), Raj (-4.8, -17.0), UP (+4.1, +44.8), WB (+1.1, +19.2)
All- Crops	587.94	638.13	108.5	635.12	3.0	0.5	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Wheat as on 16.04.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 16.04.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	107.25	40.24	35.09
Haryana	69.24	41.33	34.71
Uttar Pradesh	38.82	0.64	1.22
Madhya Pradesh	19.68	15.72	6.86
Rajasthan	11.52	1.21	2.97
All-India	253.82	99.33	81.21

Table – 6: Progressive procurement of Rice as on 16.04.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 16.04.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	39.60	50.31
Chhattisgarh	28.48	30.39	25.46
Haryana	14.25	18.16	14.25
Kerala	2.37	2.33	1.94
Maharashtra	2.61	1.81	1.73
Orissa	27.90	18.33	18.97
Punjab	85.53	92.71	84.65
Tamil Nadu	11.99	9.23	10.30
Uttar Pradesh	36.87	25.88	35.38
Uttaranchal	3.49	3.32	3.07
West Bengal	16.67	8.83	10.76
All-India	336.84	259.49	267.60