

**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: 14th May, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
07.05.2010.**

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 05th May, 2010 was 59.2 mm which is 25% less than L.P.A.*
- *Actual mean maximum temperature anomaly was 2^oC and above over most parts of Northwest India (except Uttarakhand, Uttar Pradesh), Gujarat, Saurashtra, Lakhshadweep Island, some parts of Arunachal Pradesh, Punjab, Haryana, Coastal Andhra Pradesh, Orissa, Andaman & Nicobar Islands, 0 to 2^oC over most parts of Haryana, Madhya Pradesh, Arunachal Pradesh, Konkan & Goa, Orissa, Coastal Andhra Pradesh, Tamil Nadu, Kerala, Andaman & Nicobar Islands, some parts of Northeast and West India.*
- *Maximum temperature anomaly has decreased in most parts of Northwest India, East India, Central India and West India as compared to the last week except most parts of Rajasthan and Gujarat where it remained unchanged and increased in Northeast India.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 29.88 BCM on 29.04.2010 to 27.60 BCM on 06.05.2010.*
- *Area sown reported till 07.05.2010 under Coarse Cereals, Pulses and Oilseeds was 104%, 124% 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 07.05.2010. Area sown under all rabi crops taken together has been reported to be 641.28 lakh hectares at All India level as compared to 635.40 lakh hectares in the corresponding period of 2009.*
- *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 24.04.2010 increased to 13.93% from the previous week's level of 13.55%. The inflation rate was 6.77% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Pulses has increased to 30.58% from the previous week's level of 29.89%; inflation for Wheat has decreased to 6.48% from the previous week's level of 7.38%, Rice to 8.28% from the previous week's level of 9.06% and for Cereals to 7.67% from the previous week's level of 8.39%.*
- *The inflation for non-food items increased to 11.04% from the previous week's level of 10.61% and for the food items has decreased to 16.04% from the previous week's level of 16.61%.*
- *All-India progressive procurement of Wheat as on 07.05.2010 was 207.83 lakh tonnes which is lower than the procurement of 211.65 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 07.05.2010 was 270.85 lakh tonnes which is lower than the procurement of 279.38 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 05th May, 2010

- **Scattered to fairly widespread rainfall** occurred over Northeastern States and West Bengal & Sikkim during many days of the week with Arunachal Pradesh receiving **widespread** rainfall on 4th May, 2010.
- **Scattered to fairly widespread rainfall** also occurred over Kerala, Madhya Maharashtra and Jammu & Kashmir during many days of the week.
- **Isolated to scattered rainfall occurred** over Coastal Karnataka, North Interior Karnataka, Konkan & Goa, Telangana, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh and Andaman & Nicobar Islands during many days of the week and over Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over South Interior Karnataka, Chhattisgarh, Marathwada and Uttar Pradesh during many days of the week with South Interior Karnataka receiving **fairly widespread rainfall** on 1st May, 2010 over Jharkhand and West Madhya Pradesh during a few days of the week and over Punjab, Rajasthan, East Madhya Pradesh and Vidarbha during one or two days of the week.
- **Scattered rainfall** occurred over Rayalseema on 1st May, 2010.
- 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 17, deficient / scanty in 18 met sub-divisions and no rain in one met sub-division.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st March to 05th 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 (05.05.2010)				Cumulative (01.03.10 to 05.05.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	4.6	6.3	-26	D	35.9	84.1	-57	D
Central India	3.0	3.1	-1	N	8.0	22.8	-65	S
South Peninsular India	22.3	12.4	80	E	57.7	57.5	0	N
North-East India	28.9	42.3	-32	D	214.4	212.8	1	N
Country as a whole	11.4	12.1	-6	N	59.2	78.7	-25	D

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

Source: India Meteorological Department, New Delhi

Temperature

Maximum Temperature

- Maximum temperatures above normal to appreciably above normal over Himachal Pradesh during most days of the week and over Jammu & Kashmir and West Rajasthan during a few days of the week.
- They were above normal to appreciably above normal over Andaman & Nicobar Islands and Kerala & Laskhadweep during most days of the week, over Coastal Karnataka, Tamil Nadu & Puducherry, Konkan & Goa, Gujarat State, East Rajasthan, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during many days of the week and over Madhya Maharashtra, Uttarakhand, Nagaland, Manipur, Mizoram & Tripura during a few days of the week.
- They were above normal over Coastal Andhra Pradesh and Punjab during many days of the week.
- Maximum temperatures were appreciably below normal to markedly below normal over Bihar during a few days of the week.
- They were appreciably below normal over Coastal Karnataka, Tamil Nadu & Puducherry and Madhya Pradesh during one or two days of the week.
- They were below normal to appreciably below normal over Interior Karnataka, Telangana, Chhattisgarh, Vidarbha, Marathwada, East Uttar Pradesh and Jharkhand during many days of the week.
- They were below normal over Orissa and Arunachal Pradesh during a few days of the week and over Rayalseema during one or two days of the week.
- 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 06th - 12th May, 2010 by IMD

Outlook for the Week Ending 12th May, 2010

- *Scattered to fairly widespread rainfall would occur over Western Himalayan region during the 1st half and isolated to scattered during 2nd half of the week.*
- *Scattered to fairly widespread rain/thundershowers would occur over Northeastern States during 1st half and fairly widespread to widespread during 2nd half of the week.*
- *Isolated to scattered rainfall may occur over Coastal Karnataka and Kerala during the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Uttarakhand and Himachal Pradesh.*
- *Rain/thundershowers at a few places over Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over Orissa, Jharkhand, West Bengal & Sikkim 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 and at a few places over MM&T.*

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

- *Isolated rain/thundershowers over Coastal AP, Telangana, Rayalseema, Tamil Nadu & Puducherry and North Interior 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 Chhattisgarh.*
- *Mainly dry weather over the rest region.*

Reservoir Status (For the week ending on 06.05.2010)

- 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 27.60 BCM from the previous week's level of 29.88 BCM. Current storage is less than the last year's position of 24.64 BCM and the average of last 10 year's storage of 26.53 BCM.

Table – 2: For 81 major reservoirs of the country

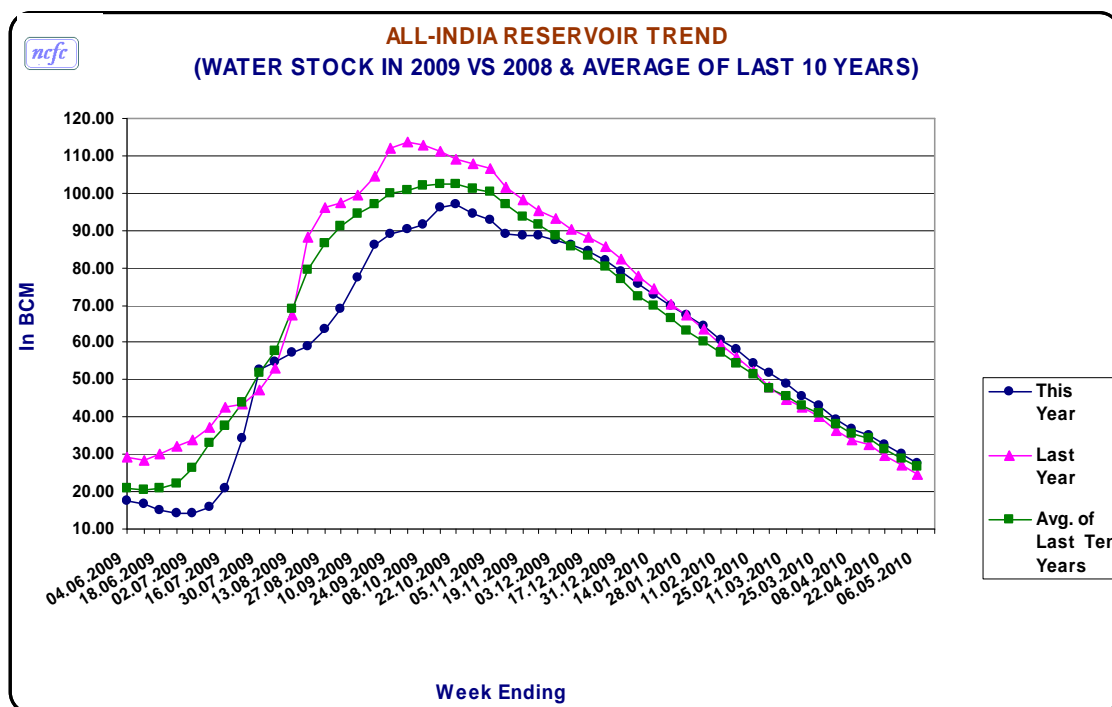
<u>Period</u>	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	18	112	104
Last Week	20	110	104

The percentage to live capacity at FRL was 16% on 06/05/2009, 24% on 06/05/2008, 29% on 03/05/2007 and 26% on 03/05/2006 .

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

Source: CWC

- There were 48 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 8 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 April, 2010</i>	<i>1182</i>	<i>619</i>	<i>254</i>	<i>461</i>
<i>Availability during 1st to 29th April, 2010</i>	<i>1249</i>	<i>483</i>	<i>116</i>	<i>466</i>
<i>Sales during 1st to 29th April, 2010</i>	<i>482</i>	<i>361</i>	<i>34</i>	<i>185</i>
<i>Closing Stock as on 29.04.2010</i>	<i>768</i>	<i>122</i>	<i>82</i>	<i>281</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 07-05-2010							
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 30-04-2010	% of Col. 3 to Col. 2	Last Year as on 30-04-2009	Absolute	Percentage	
		1	2	3	4	5	
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	175.8	5.23	-0.3	-5.0	Chhat (-0.1, -30.2), Kar (-0.2, -11.2), Ori (-0.1, -5.3)
Urad	7.16	10.85	151.6	8.92	1.9	21.6	AP (+0.7, +26.2), Ori (+0.3, +7.6), TN (+1.0, +38.3)
Moong	6.50	8.49	130.5	7.39	1.1	14.9	AP (+0.1, +18.7), Ori (+0.7, +12.9), TN (+0.3, +21.0)
Lathyrus	6.41	4.28	66.7	4.23	0.0	1.0	
Others	3.22	6.97	216.4	6.36	0.6	9.6	
Total Pulses	119.19	147.42	123.7	138.68	8.7	6.3	AP (+2.5, +23.0), Chhat (+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 (+1.2, +21.4), UP (-0.5, -2.6)
Total Foodgrains	492.52	543.88	110.4	534.02	9.9	1.8	
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	11.30	126.9	10.92	0.4	3.5	Guj (-0.5, -42.5), Kar (+0.3, +14.9), 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	9.42	71.8	12.53	-3.1	-24.9	AP (-0.5, -14.7), Kar (-2.1, -33.9), Maha (-0.7, -31.7), UP (+0.1, +65.0)
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	97.40	102.1	101.39	-4.0	-3.9	AP (-0.4, -6.3), Guj (-2.0, -41.6), Har (-0.9, -14.9), Kar (-1.9, -20.4), MP (+1.0, +10.7), Maha (-0.9, -17.3), Ori (+1.0, +23.8), Raj (-4.8, -17.0), UP (+4.3, +45.3), WB (+1.1, +19.2)
All- Crops	587.94	641.28	109.1	635.40	5.9	0.9	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Wheat as on 07.05.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 07.05.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	107.25	100.44	104.07
Haryana	69.24	62.78	67.61
Uttar Pradesh	38.82	9.60	15.88
Madhya Pradesh	19.68	29.50	13.55
Rajasthan	11.52	4.25	9.17
All-India	253.82	207.83	211.65

Table – 6: Progressive procurement of Rice as on 07.05.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 07.05.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	90.60	46.33	56.44
Chhattisgarh	28.48	30.75	25.48
Haryana	14.25	18.16	14.25
Kerala	2.37	2.47	2.19
Maharashtra	2.61	1.87	1.87
Orissa	27.90	19.44	20.17
Punjab	85.53	92.73	84.90
Tamil Nadu	11.99	9.97	10.80
Uttar Pradesh	36.87	26.23	36.60
Uttaranchal	3.49	3.43	3.28
West Bengal	16.67	9.94	11.32
All-India	336.84	270.85	279.38