

**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: 19th February, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
12.02.2010.**

A copy of the summary proceedings of the meeting of Crop Weather Watch Group held on 12th February, 2009 is enclosed. This issues with the approval of the Chairman.

(Suman Chopra)
Asstt. Eco. Adviser

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**National Crop Forecasting Centre
Department of Agriculture & Cooperation**

Sub: Salient aspects of the meeting of Weekly Crop and Weather Watch Group (CWWG) held on 12.02.2010 – observations, recommendations and actions.

The weekly meeting of the Crop Weather Watch Group (CWWG) was held on 12.02.2010 under the Chairmanship of Shri R.C. Ray, E.S.A., DES. The agenda included discussion on weather conditions, progress in crop sowing, availability of inputs, pest situation, prices and procurement position. Salient aspects covered in the meeting are given from page 4 onwards.

Summary observations of the Group on Agenda Item

- *In the Post-Monsoon season, cumulative rainfall received for the country as a whole during the period 1st January to 10th February, 2010 was 20.4 mm which is 27% less the L.P.A.*
- *In South Peninsula, rainfall during the above period was 26% above the LPA.*
- *Actual Mean Maximum temperature anomaly ranged between 3⁰C and above over most parts of West Rajasthan, some parts of Haryana, East Rajasthan, Bihar, Jharkhand, Arunachal Pradesh, Manipur, Saurashtra, Kerala, Lakshdweep Island, 1 to 3⁰C over most parts of Punjab, Haryana, Delhi, Uttar Pradesh, Bihar, Jharkhand, Northeast India, East Rajasthan, Saurashtra & Kutch, East Madhya Pradesh, Orissa, Coastal Andhra Pradesh, Kerala, Andaman & Nicobar, Lakshdweep Islands, some parts of West Rajasthan, West Madhya Pradesh, Chhattisgarh, Sub-Himalayan West Bengal, Konkan, Telengana, North Interior Karnataka, Kerala, Tamil Nadu, 1 to 3⁰C below normal over some parts of Jammu & Kashmir, Madhya Maharashtra, Marathwada, Vidarbha, 1⁰C above and below normal over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 5⁰C and above over some parts of West Rajasthan, Saurashtra & Kutch, 3 to 5⁰C over most parts of Punjab, Haryana, Rajasthan, Gujarat, Saurashtra & Kutch, some parts of West Madhya Pradesh, 1 to 3⁰ C over most parts of Himachal Pradesh, Uttarakhand, Uttar Pradesh, Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Lakshdweep Islands, some parts of Jammu & Kashmir, Punjab, Haryana, East Rajasthan, Gujarat, Marathwada, Vidarbha, Telengana, Coastal Andhra Pradesh, North Interior Karnataka, Kerala, Andaman & Nicobar Islands, 1 to 3⁰C below normal over most parts of Nagaland, North & South Interior Karnataka, Tamil Nadu, some parts of Jammu & Kashmir, Sub-Himalayan West Bengal, Assam & Meghalaya, Arunachal Pradesh, Manipur, Chhattisgarh, Orissa, Coastal Andhra Pradesh, Coastal Karnataka, Rayalaseema, 1⁰C above and below normal over remaining parts of the Country.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 64.51 BCM on 04.02.2010 to 60.78 BCM on 11.02.2010.*

- *Area sown reported till 12.02.2010 under Coarse Cereals, Pulses and Oilseeds was 103%, 118% and 94% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 103% of the normal area under rabi crops have been sown upto 12.02.2010. Area sown under all rabi crops taken together has been reported to be 605.09 lakh hectares at All India level as compared to 603.80 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 1.9 lakh ha. under Wheat, 4.5 lakh ha. under Gram and 1.7 lakh ha. under Urad. Area coverage is lower by 3.8 lakh ha. under Jowar, 2.1 lakh ha. under Rapeseed & Mustard and 2.6 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 30.01.2010 increased to 15.75% from the previous week's level of 14.56%. The inflation rate was 8.17% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to 15.47% from the previous week's level of 15.96%, Rice to 9.90% from the previous week's level of 10.96%, Cereals to 12.15% from the previous week's level of 13.37% and for Pulses to 41.24% from the previous week's level of 44.43%.*
- *The inflation for non-food items increased to 11.32% from the previous week's level of 4.14% and for the food items has increased to 17.94% from the previous week's level of 17.56%.*
- *All-India progressive procurement of Rice as on 12.02.2010 was 212.30 lakh tonnes which is lower than the procurement of 221.93 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))

Winter Season Rainfall (January - February) during the week ending on 10th February, 2010

- **Widespread rainfall** occurred over Jammu & Kashmir from 6th to 10th February, 2010 and over Himachal Pradesh from 8th to 10th February, 2010 and Uttarakhand on 9th and 10th February, 2010 and over Haryana, Chandigarh & Delhi and Punjab on 9th February, 2010.
- **Scattered to fairly widespread rainfall** occurred over Uttar Pradesh, Uttarakhand, Punjab, East Rajasthan, West Madhya Pradesh on one or two days of the week.
- **Isolated rainfall** occurred over Sub-Himalayan West Bengal & Sikkim, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Vidarbha and Chhattisgarh 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 08, deficient / scanty in 10 met sub-divisions and no rain in 18 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 10th February, 2010)** was in excess / normal in 13 met sub-divisions, deficient / scanty in 22 met sub-divisions and no rain in one met sub-divisions.

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

Region	Week Ending (10.02.2010)				Cumulative (01.01.09 to 10.02.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	42.0	9.2	356	E	52.2	53.6	-3	E
Central India	0.6	2.2	-73	S	5.3	12.6	-58	D
South Peninsular India	0.0	1.1	-99	S	12.6	10.0	26	E
North-East India	0.3	8.3	-96	S	0.7	33.0	-98	S
Country as a whole	13.2	5.1	159	E	20.4	28.0	-27	D

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

Source: India Meteorological Department, New Delhi

Temperature

Minimum Temperature

- Below normal to appreciably below normal over Nagaland, Manipur, Mizoram & Tripura on most days of the week, over Assam & Meghalaya, Jharkhand, Bihar, Coastal Andhra Pradesh, Tamil Nadu & Puducherry, interior Karnataka and Kerala on many days of the week, over Orissa and Rayalaseema on a few days of the week and over Arunachal Pradesh, West Bengal & Sikkim, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh Jammu & Kashmir, West Rajasthan, Gujarat State, Vidarbha, Chhattisgarh, Coastal Karnataka and Lakshadweep on one or two days of the week.
- Appreciably above normal to markedly above normal over West Rajasthan, West Madhya Pradesh and Gujarat State on most days of the week, over Punjab, Jammu & Kashmir, East Rajasthan and East Madhya Pradesh on many days of the week, over Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi on a few days of the week and over Himachal Pradesh on one or two days of the week.
- Above normal to appreciably above normal over Konkan & Goa, Madhya Maharashtra on most days of the week, over Marathawada on many days of the week, over Andaman & Nicobar Islands, Jharkhand, Haryana, Chandigarh & Delhi, East Rajasthan and Vidarbha on a few days of the week and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Orissa, Bihar, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, East Madhya Pradesh, Chhattisgarh, Telangana and Kerala on one or two days of the week.
- Minimum 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 11th - 17th February, 2010 by IMD

Outlook for the Week Ending 17th February, 2010

- *Scattered to fairly widespread rainfall will occur over Jammu & Kashmir and Himachal Pradesh during the week.*
- *Isolated rainfall would occur over Arunachal Pradesh during the week and over Madhya Pradesh, East Uttar Pradesh and Bihar during 1st half of the week and over West Uttar Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi and Assam & Meghalaya during 2nd half of the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Uttaranchal, Himachal Pradesh; at a few places over West UP and Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at a few places over East UP.*
- *Mainly dry weather over the region.*

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

- *Isolated rain/thundershowers over Arunachal Pradesh and Assam & Meghalaya.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over 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 Madhya Pradesh and Chhattisgarh.*
- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 11.02.2010)

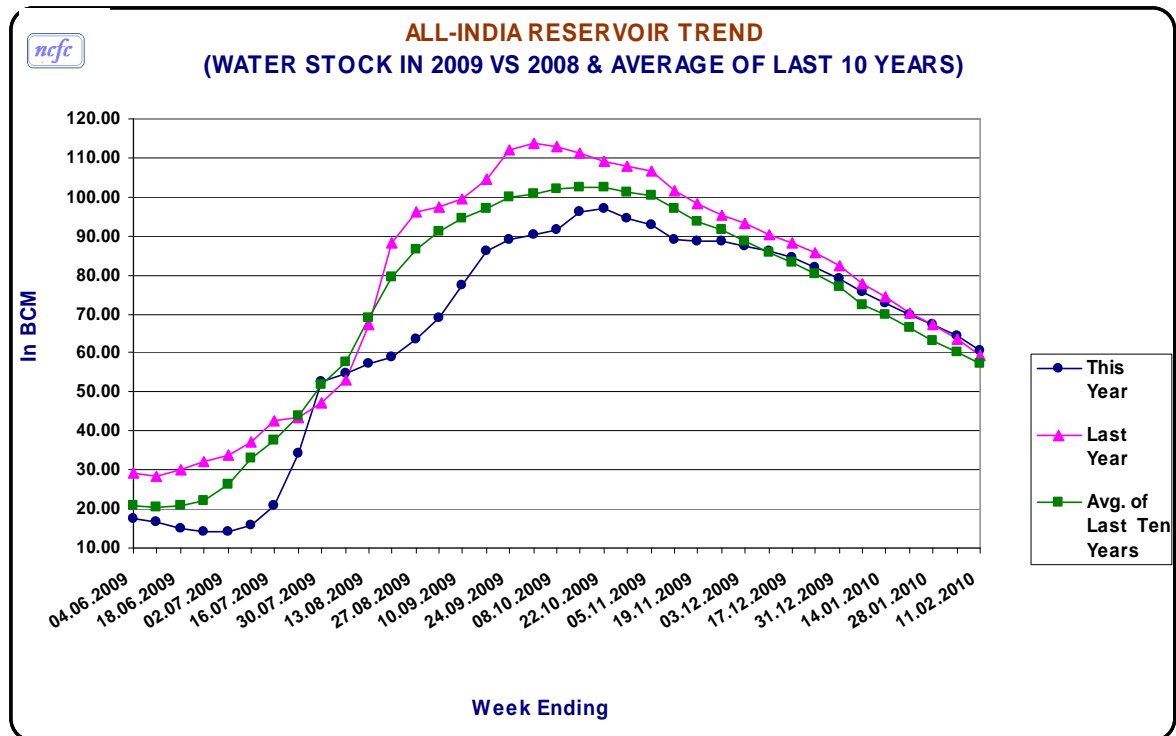
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 60.78 BCM from the previous week's level of 64.51 BCM. Current storage is less than the last year's position of 59.55 BCM and the average of last 10 year's storage of 57.37 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	40	102	106
Last Week	43	101	107
The percentage to live capacity at FRL was 39% on 11/02/2009, 44% on 11/02/2008, 55% on 08/02/2007 and 55% on 08/02/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 50 reservoirs having storage more than 80%, 11 reservoirs having storage between 50% to 80% of Normal Storage, 12 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 February, 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 February, 2009</i>	<i>1624</i>	<i>405</i>	<i>298</i>	<i>449</i>
<i>Availability during 1st to 11th February, 2010</i>	<i>772</i>	<i>131</i>	<i>592</i>	<i>426</i>
<i>Sales during 1st to 11th February, 2010</i>	<i>351</i>	<i>24</i>	<i>75</i>	<i>118</i>
<i>Closing Stock as on 11.02.2010</i>	<i>420</i>	<i>107</i>	<i>517</i>	<i>308</i>
<i>Requirement for February, 2010</i>	<i>1463</i>	<i>331</i>	<i>235</i>	<i>352</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 12-02-2010							
(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 12-02-2010	% of Col. 3 to Col. 2	Last Year as on 12-02-2009	Absolute	Percentage	
1	2	3	4	5	6	7	8
Wheat	270.99	277.81	102.5	275.89	1.9	0.7	Bih (+1.8, +8.2), Chhat (+0.9, +98.9), Guj (-2.9, -24.2), HP (+0.2, +5.6), Kar (+0.2, +9.0), MP (+4.8, +12.6), Maha (+0.5, +5.3), Raj (-3.2, -14.6), UP (-1.0, -1.1), WB (+0.7, +23.8)
Rice	39.80	32.35	81.3	32.52	-0.2	-0.5	AP (-1.3, -10.5), Kar (+0.3, +17.2), Ori (+0.3, -35.8), WB (+1.0, +7.8)
Jowar	47.53	45.53	95.8	49.34	-3.8	-7.7	AP (+0.4, +24.7), Kar (-0.8, -6.3), Maha (-3.6, -10.9)
Maize	8.70	11.17	128.4	11.39	-0.2	-1.9	AP (-0.8, -22.6), Bih (+0.3, +10.8), Kar (-0.1, -11.8), Maha (+0.2, +22.9)
Barley	6.30	7.58	120.3	7.18	0.4	5.6	M.P. (+0.2, +16.9), Raj (-0.3, -9.4), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	64.65	103.4	68.30	-3.6	-5.3	AP (-0.4, -7.3), Bih (+0.4, +11.3), Kar (-0.9, -6.8), MP (+0.2, +16.7), Maha (-3.4, -10.0), Raj (-0.3, -8.4), UP (+0.6, +23.8)
Total Cereals	373.33	374.81	100.4	376.71	-1.9	-0.5	
Gram	71.45	87.76	122.8	83.23	4.5	5.4	AP (+0.7, +10.7), Chhat (+0.3, +9.7), Guj (-0.8, -33.7), Kar (+2.7, +31.5), MP (+4.7, +17.1), Maha (+0.5, +4.2), Raj (-3.8, -30.4), U.P. (+0.2, +2.8)
Lentil	14.30	15.21	106.4	14.66	0.5	3.7	MP (+0.3, +6.2), UP (+0.2, +3.3)
Peas	7.32	7.25	99.0	8.12	-0.9	-10.7	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.89	172.7	4.38	0.5	11.6	Chhat (-0.1, -28.5), Kar (-0.2, -11.2), TN (+0.7, +2533.3)
Urad	7.16	7.76	108.4	6.08	1.7	27.6	AP (+1.0, +38.7), Ori (+0.3, +9.2), TN (+0.5, +87.4)
Moong	6.50	6.39	98.4	5.40	1.0	18.3	AP (+0.1, +16.4), Ori (+0.6, +14.7), TN (+0.2, +81.5)
Lathyrus	6.41	4.15	64.8	4.25	-0.1	-2.3	Chhat (-0.1, -2.7)
Others	3.22	6.76	210.0	6.06	0.7	11.6	
Total Pulses	119.19	140.18	117.6	132.18	8.0	6.0	AP (+2.9, +27.9), Bih (+0.2, +3.6), Chhatt (+0.2, +2.1), Kar (+2.6, +25.1), MP (+5.0, +13.9), Maha(+0.4, +3.5), Ori (+1.0, +9.5), Raj (-3.8, -29.7), TN (+0.9, +47.6), UP (-0.5, -2.6)
Total Foodgrains	492.52	514.99	104.6	508.89	6.1	1.2	
Rapeseed & Mustard	65.27	64.42	98.7	66.54	-2.1	-3.2	Chhat (+0.1, +9.5), Guj (-0.9, -29.3), Har (-0.9, -14.9), MP (+0.8, +10.0), Raj (-4.8, -17.1), UP (+4.1, +47.0), WB (-0.2, -3.3)
Groundnut	8.91	8.36	93.8	7.65	0.7	9.3	Kar (+0.3, +19.9), Ori (+0.2, +14.8), TN (+0.3, +17.5), WB (-0.2, -100.0)
Safflower	3.59	2.67	74.3	2.80	-0.1	-4.8	Guj (-0.1, -100.0), Maha (-0.1, -6.0)
Sunflower	13.11	8.37	63.8	10.94	-2.6	-23.5	AP (-0.7, -19.7), Kar (-1.8, -31.0), Maha (-0.1, -8.8)
Sesamum	2.60	0.75	28.9	1.07	-0.3	-29.7	Ass (-0.1, -100.0), TN (-0.4, -86.3)
Linseed	4.53	4.45	98.3	4.51	-0.1	-1.2	Chhat (-0.1, -7.6), MP (+0.2, +14.5), Maha(-0.1, -13.5)
Others	0.53	1.09	204.7	1.40	-0.3	-22.5	
Total Oilseed (Nine)	95.42	90.10	94.4	94.90	-4.8	-5.1	AP (-0.5, -7.9), Guj (-1.0, -31.2), Har (-0.9, -14.9), Kar (-1.5, -18.5), MP (+1.0, +10.7), Maha (-0.3, -8.3), Ori (+0.4, +12.8), Raj (-4.8, -17.0), UP (+4.1, +44.8), WB (-0.6, -11.5)
All- Crops	587.94	605.09	102.9	603.80	1.3	0.2	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 12.02.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 12.02.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	23.13	33.11
Chhattisgarh	28.48	27.77	23.62
Haryana	14.25	18.10	14.00
Kerala	2.37	1.69	1.37
Maharashtra	2.61	1.40	1.39
Orissa	27.90	12.49	13.16
Punjab	85.53	92.64	82.83
Tamil Nadu	11.99	3.10	7.21
Uttar Pradesh	36.87	22.15	31.37
Uttaranchal	3.49	2.45	2.36
West Bengal	16.67	3.60	5.46
All-India	336.84	212.30	221.93