

**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: 04th March, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
26.02.2010.**

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 24th February, 2010 was 23.5 mm which is 41% less the L.P.A.*
- *In South Peninsula, rainfall during the above period was 5% less the LPA.*
- *Actual Mean Maximum temperature anomaly ranged between 2^oC and above over most parts of Himachal Pradesh, Madhya Maharashtra, Karnataka, Andhra Pradesh, Tamil Nadu, Kerala, some parts of Jammu & Kashmir, West Rajasthan, Saurashtra & Kutch, Orissa, Chhattisgarh, Marathwada, Arunachal Pradesh, Assam & Meghalaya, Nagaland 0 to 2^oC below normal over most parts of East Uttar Pradesh, some parts of Punjab, Haryana, East Rajasthan, Bihar, Gangetic West Bengal, Chattisgarh, Vidarbha, Madhya Pradesh, 0 to 2^oC over remaining parts of the country.*
- *Minimum Temperature anomaly ranged 2^oC and above over most parts of Madhya Maharashtra, Andhra Pradesh, some parts of Punjab, West Rajasthan, Gujarat, Chhattisgarh, Orissa, Konkan & Goa, Marathwada, Vidarbha, Chattisgarh, Orissa, Kerala, Tamil Nadu, Karnataka, 0 to 2^o C below normal over most parts of Bihar, Jharkhand, some parts of Jammu & Kashmir, Punjab, East Uttar Pradesh, Gangetic West Bengal, Assam & Meghalaya, Madhya Pradesh, Chattisgarh, Madhya Maharashtra, 0 to 2^oC 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 58.02 BCM on 18.02.2010 to 54.52 BCM on 25.02.2010.*
- *Area sown reported till 26.02.2010 under Coarse Cereals, Pulses and Oilseeds was 104%, 120% and 97% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 105% of the normal area under rabi crops have been sown upto 26.02.2010. Area sown under all rabi crops taken together has been reported to be 615.23 lakh hectares at All India level as compared to 617.36 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 4.2 lakh ha. under Rice, 3.8 lakh ha. under Jowar, 2.2 lakh ha. under Rapeseed & Mustard and 2.5 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 13.02.2010 decreased to 15.84% from the previous week's level of 16.23%. The inflation rate was 6.23% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to 14.93% from the previous week's level of 15.78%; Rice to 9.50% from the previous week's level of 9.64%; Cereals to 11.58% from the previous week's level of 15.58% and for Pulses to 35.74% from the previous week's level of 38.04%.*
- *The inflation for non-food items decreased to 12.78% from the previous week's level of 13.15% and for the food items to 17.58% from the previous week's level of 17.97%.*
- *All-India progressive procurement of Rice as on 26.02.2010 was 229.84 lakh tonnes which is lower than the procurement of 239.29 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 24th February, 2010

- **Widespread rainfall** occurred over Uttarakhand on 23rd February, 2010.
- **Scattered to fairly widespread rainfall** occurred over East Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, Rajasthan on one or two days of the week.
- **Isolated rainfall** occurred over Telangana, North Interior Karnataka on many days of the week and over Arunachal Pradesh on a few days of the week and over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Orissa, Jharkhand, West Uttar Pradesh, Punjab, Himachal Pradesh, Gujarat Region, Vidarbha, 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 05, deficient / scanty in 22 met sub-divisions and no rain in 09 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 24th February, 2010)** was in excess / normal in 12 met sub-divisions, deficient / scanty in 24 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 (24.02.2010)				Cumulative (01.01.09 to 24.02.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Deviation (%)	Category
	Actual	Normal			Actual	Normal		
North-West India	1.1	12.2	-91	S	55.1	75.7	-27	D
Central India	0.8	2.7	-71	S	8.7	17.6	-51	D
South Peninsular India	1.5	3.4	-57	D	14.4	15.2	-5	N
North-East India	1.8	9.5	-81	S	5.2	48.8	-89	S
Country as a whole	1.2	6.9	-83	S	23.5	40.0	-41	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

Minimum Temperature

- Markedly above normal over Nagaland, Manipur, Mizoram & Tripura on 18th February and over Gujarat Region and Madhya Maharashtra on 22nd February and over Haryana on 23rd February, 2010.
- Above normal to appreciably above normal over Orissa, Chhattisgarh, Andhra Pradesh, Coastal & North Interior Karnataka on most days of the week and over Sub-Himalayan West Bengal & Sikkim, West Rajasthan, Saurashtra & Kutch, Madhya Maharashtra, Marathawada, Tamil Nadu, South Interior Karnataka on many days of the week and over Andaman & Nicobar Islands, Assam & Meghalaya, Madhya Pradesh, Gujarat Region, Kerala, Lakshadweep on a few days of the week and over Arunachal Pradesh, Gangetic West Bengal, Jharkhand, Bihar, Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, East Rajasthan, Konkan & Goa, Vidarbha on one or two days of the week.
- Below normal to appreciably below normal over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, East Uttar Pradesh, West Madhya Pradesh on many days of the week and over Andaman & Nicobar Islands, Jharkhand, Jammu & Kashmir, East Madhya Pradesh, on a few days of the week and over Arunachal Pradesh, Gangetic West Bengal, Punjab, West Rajasthan, Gujarat State, Vidarbha on one or two days of the week.
- Minimum temperatures were near normal over the remaining parts of the country.

Weather Outlook / Forecast for the period 25th February - 03rd March, 2010 by IMD

Outlook for the Week Ending 03rd March, 2010

- *Scattered to fairly widespread rainfall would occur over western Himalayan region and Arunachal Pradesh during the week.*
- *Isolated rainfall would occur over Assam & Meghalaya during the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Punjab and Himachal Pradesh.*
- *Rain/thundershowers 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)

- *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)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 25.02.2010)

- 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 54.52 BCM from the previous week's level of 58.02 BCM. Current storage is less than the last year's position of 52.44 BCM and the average of last 10 year's storage of 51.49 BCM.

Table – 2: For 81 major reservoirs of the country

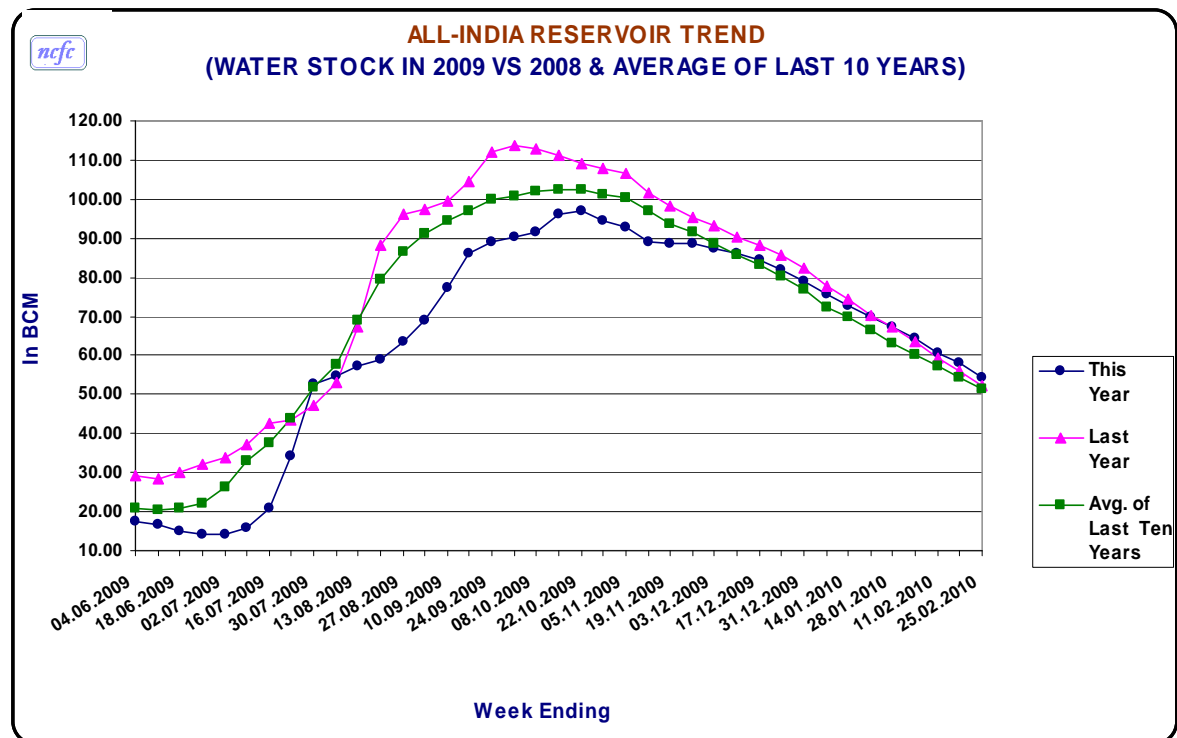
<u>Period</u>	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	36	104	106
Last Week	38	103	107

The percentage to live capacity at FRL was 35% on 25/02/2009, 41% on 25/02/2008, 51% on 22/02/2007 and 50% on 22/02/2006 .

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

Source: CWC

- There were 49 reservoirs having storage more than 80%, 10 reservoirs having storage between 50% to 80% of Normal Storage, 15 reservoirs having storage between 30% to 50% of Normal Storage and 6 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 25th February, 2010</i>	<i>1668</i>	<i>257</i>	<i>842</i>	<i>842</i>
<i>Sales during 1st to 25th February, 2010</i>	<i>1238</i>	<i>145</i>	<i>364</i>	<i>402</i>
<i>Closing Stock as on 25.02.2010</i>	<i>429</i>	<i>112</i>	<i>478</i>	<i>440</i>
<i>Requirement for March, 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 26-02-2010							
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 26-02-2010	% of Col. 3 to Col. 2	Last Year as on 26-02-2009	Absolute	Percentage	
		1	2	3	4	5	
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	36.58	91.9	40.77	-4.2	-10.3	AP (-2.4, -16.2), Ass (-0.5, -15.1), Kar (+0.4, +14.1), Ori (-0.6, -29.9), TN (-0.2, -11.0), WB (+1.0, +6.8)
Jowar	47.53	45.61	96.0	49.36	-3.8	-7.6	AP (+0.4, +24.6), Kar (-0.8, -6.3), Maha (-3.6, -10.9)
Maize	8.70	11.35	130.5	11.56	-0.2	-1.8	AP (-0.9, -24.1), Bih (+0.3, +10.8), Kar (-0.1, -11.8), Maha (+0.2, +22.9), TN (+0.2, +10.3)
Barley	6.30	7.60	120.6	7.18	0.4	5.8	M.P. (+0.2, +16.9), Raj (-0.3, -9.4), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	64.91	103.8	68.49	-3.6	-5.2	AP (-0.5, -8.6), 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), UP (+0.6, +23.8)
Total Cereals	373.33	379.66	101.7	385.15	-5.5	-1.4	
Gram	71.45	89.19	124.8	83.44	5.8	6.9	AP (+0.7, +11.2), Chhat (+0.4, +14.8), 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	-10.6	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.97	175.5	5.10	-0.1	-2.5	Chhat (-0.1, -30.2), Kar (-0.2, -11.2)
Urad	7.16	8.44	117.9	8.23	0.2	2.6	AP (+1.0, +39.4), Ori (+0.1, +3.5), TN (+0.9, +34.1)
Moong	6.50	6.83	105.0	6.54	0.3	4.4	AP (+0.1, +14.9), Ori (+0.6, +14.2), TN (-0.5, -39.6)
Lathyrus	6.41	4.28	66.7	4.25	0.0	0.6	
Others	3.22	7.10	220.6	6.15	1.0	15.5	
Total Pulses	119.19	143.30	120.2	136.48	6.8	5.0	AP (+3.0, +28.2), Bih (+0.2, +3.6), Chhatt (+0.54, +5.8), Guj (-0.8, -32.3), (Kar (+2.6, +24.6), MP (+5.0, +13.9), Maha(+1.64, +12.4), Ori (+0.9, +7.8), Raj (-3.8, -29.7), TN (-1.6, -28.1), UP (-0.5, -2.6)
Total Foodgrains	492.52	522.96	106.2	521.63	1.3	0.3	
Rapeseed & Mustard	65.27	64.43	98.7	66.62	-2.2	-3.3	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	9.68	108.6	8.21	1.5	17.9	AP (+0.3, +10.1), Kar (+0.4, +22.0), Maha (+0.3, +100.0), TN (+0.4, +19.6), WB (+0.2, +133.3)
Safflower	3.59	2.67	74.3	2.77	-0.1	-3.7	Guj (-0.1, -100.0), Maha (-0.1, -6.0)
Sunflower	13.11	8.66	66.1	11.20	-2.5	-22.6	AP (-0.5, -14.8), Kar (-2.0, -33.7), Maha (-0.1, -4.8)
Sesamum	2.60	1.26	48.3	1.20	0.1	4.8	Ass (-0.1, -100.0), TN (-0.3, -76.3), WB (+0.4, +1900.0)
Linseed	4.53	4.47	98.7	4.51	0.0	-0.8	Chhat (-0.1, -5.4), MP (+0.2, +14.5), Maha(-0.1, -13.5)
Others	0.53	1.10	206.6	1.23	-0.1	-11.0	
Total Oilseed (Nine)	95.42	92.27	96.7	95.73	-3.5	-3.6	AP (-0.2, -3.4), Guj (-1.0, -31.2), Har (-0.9, -14.9), Kar (-1.7, -19.3), MP (+1.0, +10.7), Ori (+0.1, +3.0), Raj (-4.8, -17.0), UP (+4.1, +44.8), WB (+0.2, +3.4)
All- Crops	587.94	615.23	104.6	617.36	-2.1	-0.3	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 26.02.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 26.02.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	28.68	39.08
Chhattisgarh	28.48	29.77	24.92
Haryana	14.25	18.12	14.04
Kerala	2.37	1.95	1.45
Maharashtra	2.61	1.55	1.46
Orissa	27.90	14.45	14.89
Punjab	85.53	92.67	83.45
Tamil Nadu	11.99	5.63	9.62
Uttar Pradesh	36.87	23.39	33.56
Uttaranchal	3.49	2.61	2.62
West Bengal	16.67	5.83	6.83
All-India	336.84	229.84	239.29