

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: 25th February, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
19.02.2010.**

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 17th February, 2010 was 22.2 mm which is 33% less the L.P.A.*
- *In South Peninsula, rainfall during the above period was 11% above the LPA.*
- *Actual Mean Maximum temperature anomaly ranged between 2⁰C and above over most parts of Himachal Pradesh, Sikkim, Northeast India, Kerala, some parts of Jammu & Kashmir, Jharkhand, Gangetic West Bengal, Orissa, Chhattisgarh, East Madhya Pradesh, Marathwada, Vidarbha, Telengana, Coastal Andhra Pradesh, Interior Karnataka, Tamil Nadu, Lakshdweep Islands, 0 to 2⁰C below normal over most parts of Punjab, Haryana, Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Saurashtra & Kutch, some parts of Jammu & Kashmir, Bihar, Konkan, Madhya Maharashtra, Marathwada, 2 to 4⁰C below normal over some parts of Rajasthan, Gujarat, Saurashtra & Kutch, West Madhya Pradesh, 0 to 2⁰C over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 0 to 2⁰C over most parts of Punjab, Haryana, Delhi, Uttarakhand, Bihar, Sub-Himalayan West Bengal, Sikkim, Northeast India, Saurashtra & Kutch, Karnataka, Telengana, Rayalaseema, Tamil Nadu, Lakshdweep Islands, some parts of Jammu & Kashmir, Himachal Pradesh, Rajasthan, Uttar Pradesh, Gujarat, West Madhya Pradesh, Chhattisgarh, Orissa, Maharashtra, Coastal Andhra Pradesh, Kerala, 0 to 2⁰ C below normal over most parts of Himachal Pradesh, Coastal Andhra Pradesh, some parts of Jammu & Kashmir, Punjab, West Rajasthan, East Uttar Pradesh, Bihar, Arunachal Pradesh, Assam & Meghalaya, Gujarat, Saurashtra & Kutch, West Madhya Pradesh, Orissa, Madhya Maharashtra, Telengana, Rayalaseema, Interior Karnataka, Kerala, 2 to 4⁰C below normal over some parts of Jammu & Kashmir, West Rajasthan, Coastal Andhra Pradesh, 2⁰C and above 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 60.78 BCM on 11.02.2010 to 58.02 BCM on 18.02.2010.*
- *Area sown reported till 19.02.2010 under Coarse Cereals, Pulses and Oilseeds was 103%, 118% and 96% of the normal area respectively.*

- *As per latest information available on sowing of crops, around 104% of the normal area under rabi crops have been sown upto 19.02.2010. Area sown under all rabi crops taken together has been reported to be 610.38 lakh hectares at All India level as compared to 609.07 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 2.3 lakh ha. under Wheat, 4.7 lakh ha. under Gram and 1.5 lakh ha. under Urad. Area coverage is lower by 1.7 lakh ha. under Rice, 3.8 lakh ha. under Jowar, 2.2 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 06.02.2010 increased to 16.23% from the previous week's level of 15.75%. The inflation rate was 7.05% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 15.78% from the previous week's level of 15.47%, Cereals to 15.58% from the previous week's level of 12.15%; Rice has decreased to 9.64% from the previous week's level of 9.90% and for Pulses to 38.04% from the previous week's level of 41.24%.*
- *The inflation for non-food items increased to 13.15% from the previous week's level of 11.32% and for the food items to 17.97% from the previous week's level of 17.94%.*
- *All-India progressive procurement of Rice as on 19.02.2010 was 221.96 lakh tonnes which is lower than the procurement of 231.87 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 17th February, 2010

- **Fairly widespread rainfall** occurred over Gangetic West Bengal on 17th February, 2010.
- **Isolated to scattered rainfall** occurred over Jammu & Kashmir on most days of the week and over West Madhya Pradesh on many days of the week and over Uttar Pradesh, East Madhya Pradesh on a few days of the week and over West Bengal & Sikkim, Haryana, Chandigarh & Delhi, Himachal Pradesh, East Rajasthan, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Telangana, North Interior Karnataka, Kerala 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 11, deficient / scanty in 12 met sub-divisions and no rain in 13 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 17th February, 2010)** was in excess / normal in 13 met sub-divisions, deficient / scanty in 23 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 (17.02.2010)				Cumulative (01.01.09 to 17.02.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Deviation (%)	Category
Actual	Normal	Actual			Normal			
North-West India	2.4	9.8	-76	S	53.9	63.5	-15	N
Central India	1.9	2.3	-16	N	7.4	14.9	-50	D
South Peninsular India	0.4	1.8	-78	S	13.0	11.8	11	N
North-East India	2.8	6.2	-55	D	3.4	39.2	-91	S
Country as a whole	1.9	5.1	-63	S	22.2	33.1	-33	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

- Appreciably above normal to markedly above normal over East Rajasthan, Madhya Pradesh, Vidarbha on most days of the week and over Orissa, Chhattisgarh on many days of the week and over Andaman & Nicobar Islands, Madhya Maharashtra, Marathwada on a few days of the week and over Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jharkhand, Bihar, Uttar Pradesh, Gujarat Region, Telangana, North Interior Karnataka on one or two days of the week.
- Above normal over Gangetic West Bengal on most days of the week and over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Telangana, Rayalaseema, Tamilnadu, Coastal Karnataka, North Interior Karnataka on many days of the week and over Andaman & Nicobar Islands, Assam & Meghalaya, Jharkhand, East Uttar Pradesh, Madhya Maharashtra, Marathwada, Lakshadweep on a few days of the week and over Arunachal Pradesh, Orissa, Bihar, West Uttar Pradesh, Uttarakhand, Haryana, West Rajasthan, Gujarat Region, Konkan & Goa, Chhattisgarh, South Interior Karnataka, Kerala on one or two days of the week.
- Appreciably below normal over West Rajasthan on 17th February, 2010.
- Below normal over Saurashtra & Kutch on a few days of the week and over Assam & Meghalaya, West Uttar Pradesh, Punjab, Himachal Pradesh, West Rajasthan, Coastal Andhra Pradesh, South Interior Karnataka 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 18th - 24th February, 2010 by IMD

Outlook for the Week Ending 24th February, 2010

- *Isolated to scattered rainfall would occur over Jammu & Kashmir and Himachal Pradesh during 2nd half of the week.*
- *Isolated rainfall would occur over Kerala and Lakshadweep during 1st half of the week and over Uttarakhand, plains of northwest India and Arunachal Pradesh 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 the region.*
- *Rain/thundershowers at a few places over Himachal Pradesh and Jammu & Kashmir.*

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)

- *Isolated rain/thundershowers over Madhya Pradesh and Vidarbha.*
- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 18.02.2010)

- 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 58.02 BCM from the previous week's level of 60.78 BCM. Current storage is less than the last year's position of 56.16 BCM and the average of last 10 year's storage of 54.47 BCM.

Table – 2: For 81 major reservoirs of the country

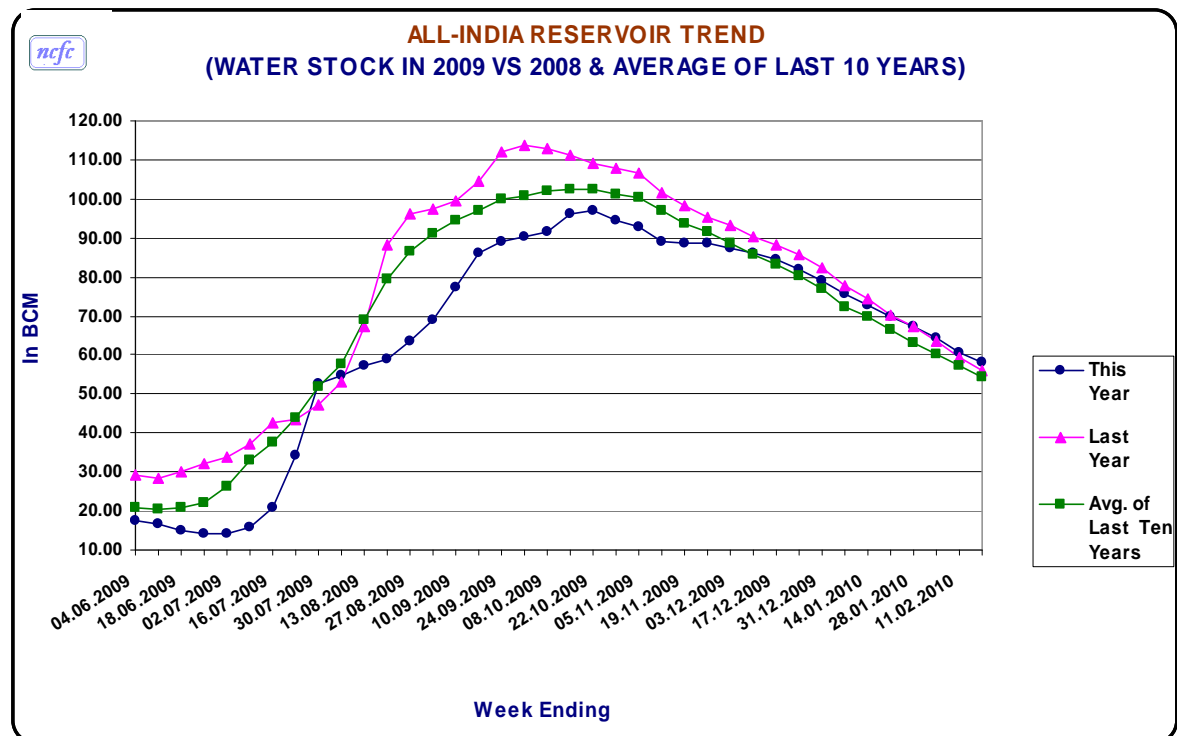
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	38	103	107
Last Week	40	102	106

The percentage to live capacity at FRL was 37% on 18/02/2009, 43% on 18/02/2008, 53% on 15/02/2007 and 53% on 15/02/2006 .

* *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%, 9 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 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 19-02-2010							
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 19-02-2010	% of Col. 3 to Col. 2	Last Year as on 19-02-2009	Absolute	Percentage	
		1	2	3	4	5	
Wheat	270.99	278.14	102.6	275.89	2.3	0.8	Bih (+1.9, +8.9), Chhat (+0.9, +104.5), 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	34.92	87.7	36.59	-1.7	-4.6	AP (-1.9, -13.8), Ass (-0.5, -15.1), Kar (+0.4, +19.9), Ori (-0.6, -29.9), 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	7.60	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	64.66	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, -9.4), UP (+0.6, +23.8)
Total Cereals	373.33	377.72	101.2	380.78	-3.1	-0.8	
Gram	71.45	87.92	123.1	83.24	4.7	5.6	AP (+0.7, +11.2), Chhat (+0.4, +14.1), 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	15.23	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	4.89	172.9	4.39	0.5	11.4	Chhat (-0.1, -30.2), Kar (-0.2, -11.2), TN (+0.7, +2533.3)
Urad	7.16	7.77	108.5	6.23	1.5	24.8	AP (+1.0, +39.4), Ori (+0.1, +3.5), TN (+0.5, +87.4)
Moong	6.50	6.64	102.1	5.65	1.0	17.5	AP (+0.1, +14.9), Ori (+0.6, +14.2), TN (+0.2, +81.5)
Lathyrus	6.41	4.28	66.7	4.25	0.0	0.6	
Others	3.22	6.89	214.1	6.21	0.7	11.1	
Total Pulses	119.19	140.88	118.2	132.75	8.1	6.1	AP (+3.0, +28.2), Bih (+0.2, +3.6), Chhatt (+0.4, +5.4), Guj (-0.8, -32.3), (Kar (+2.6, +24.6), MP (+5.0, +13.9), Maha(+0.4, +3.5), Ori (+0.9, +7.8), Raj (-3.8, -29.7), TN (+0.9, +47.6), UP (-0.5, -2.6)
Total Foodgrains	492.52	518.60	105.3	513.53	5.1	1.0	
Rapeseed & Mustard	65.27	64.42	98.7	66.60	-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	9.31	104.5	8.10	1.2	14.9	AP (+0.3, +10.1), Kar (+0.5, +26.3), 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	8.56	65.3	11.15	-2.6	-23.2	AP (-0.5, -14.8), Kar (-2.0, -33.9), Maha (-0.1, -8.8)
Sesamum	2.60	1.26	48.3	1.19	0.1	5.6	Ass (-0.1, -100.0), TN (-0.3, -76.3), WB (+0.4, +1900.0)
Linseed	4.53	4.46	98.5	4.51	0.0	-1.1	Chhat (-0.1, -6.5), 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	91.77	96.2	95.54	-3.8	-3.9	AP (-0.2, -3.4), Guj (-1.0, -31.2), Har (-0.9, -14.9), Kar (-1.7, -18.9), MP (+1.0, +10.7), Maha (-0.3, -8.3), Ori (+0.1, +3.0), Raj (-4.8, -17.0), UP (+4.1, +44.8), WB (+0.2, +3.4)
All- Crops	587.94	610.38	103.8	609.07	1.3	0.2	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 19.02.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 19.02.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	26.55	36.88
Chhattisgarh	28.48	29.40	23.98
Haryana	14.25	18.11	14.02
Kerala	2.37	1.79	1.40
Maharashtra	2.61	1.44	1.43
Orissa	27.90	12.52	14.03
Punjab	85.53	92.66	83.14
Tamil Nadu	11.99	4.18	8.44
Uttar Pradesh	36.87	22.79	32.88
Uttaranchal	3.49	2.53	2.45
West Bengal	16.67	5.72	6.79
All-India	336.84	221.96	231.87