

F.NO. 3-1/2008-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, the 12th February, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
06.02.2009.**

Summary observations of the Group on Agenda Item

- *Cumulative rainfall received for the country as whole, during the period 1st January to 04th February, 2009 was 12.0 mm.*
- *Actual Mean Maximum temperature anomaly ranged between 4 to 6^oC over most parts Marathwada, Vidarbha, some parts of the Jammu & Kashmir, Himachal Pradesh, South Madhya Pradesh, Madhya Maharashtra, Chhattisgarh, Telangana, Coastal Andhra Pradesh, North Interior Karnataka, Manipur, 0 to 2^oC over most parts of Punjab, Haryana, Uttar Pradesh, Bihar, Sikkim, Arunachal Pradesh, Tripura, Gujarat, Saurashtra & Kutch, Lakshadweep, Andaman and Nicobar Islands, some parts of Uttarakhand, Jharkhand, West Bengal, Orissa, Assam & Meghalaya, Rajasthan, Coastal Karnataka, Kerala, Tamil Nadu, Coastal Andhra Pradesh, Rayalseema, -2 to 0^oC over most parts of West Bengal, some parts of Bihar, Jharkhand, Assam, Andaman & Nicobar Islands, 2 to 4^oC over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 4 to 6^oC over some parts of West Rajasthan, Orissa and Madhya Maharashtra, 2 to 4^oC over most parts of Orissa, West Rajasthan, Madhya Maharashtra, Konkan & Goa, some parts of Himachal Pradesh, Punjab, Assam, Arunachal Pradesh, Gangetic West Bengal, Sikkim, East Rajasthan, Madhya Pradesh, Chhattisgarh, Marathwada, Vidarbha, Coastal Andhra Pradesh and North Interior Karnataka, -2 to 0^oC over most parts of Jammu & Kashmir, Punjab, East Uttar Pradesh, Bihar, Interior Karnataka, Tamil Nadu, Kerala and Andaman and Nicobar Islands, some parts of Haryana, East Uttar Pradesh, Jharkhand, Sub-Himalayan West Bengal, Saurashtra & Kutch, Madhya Maharashtra, Madhya Pradesh, Andhra Pradesh, Coastal Karnataka and Lakshadweep Islands, 0 to 2^oC over most parts of Interior Karnataka, some parts of Telangana, Rayalseema and Kerala, 2 to 4^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 gone down from 65.99 BCM on 29.01.2009 to 63.03 BCM on 05.02.2009.*
- *Area sown reported till 06.02.09 under Coarse Cereals, Pulses and Oilseeds during Rabi season was 107%, 119% and 102% of the normal area respectively.*
- *As on 06.02.09, area sown under all rabi crops taken together has been reported to be 600.64 lakh hectares at All India level as compared to 578.40 lakh hectares in the corresponding period of 2007.*

- *Area reported was higher by 1.7 lakh ha. under wheat and rice each, 4.2 lakh ha. under Jowar, 6.8 lakh ha. under Gram, 1.6 lakh ha. under Lentil, 1.9 lakh ha. under Peas and 6.7 lakh ha. under Rapeseed & Mustard.*
- *Seed position is reported to be comfortable. The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*
- *The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 24.01.2009 decreased to 5.07% from the previous week's level of 5.64%. The inflation rate was 4.78% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 24.01.2009 increased to 10.88% from the previous week's level of 10.32%. Among the foodgrains, inflation for Rice has increased to 15.55% from the previous week's level of 13.78% and Cereals to 10.51% from the previous week's level of 9.81% and inflation for Wheat has decreased to 4.15% from the previous week's level of 4.92 and Pulses to 13.26% from the previous week's level of 13.66%,*
- *The inflation for non-food items decreased to 5.72% from the previous week's level of 6.36% and for the food items to 11.14% from the previous week's level of 11.17%.*

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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 04th February, 2009

- **Scattered precipitation** occurred over Jammu & Kashmir during last two days of the week.
- **Isolated rain/thundershowers** occurred over Arunachal Pradesh, Assam & Meghalaya and Sub-Himalayan West Bengal & Sikkim for one or two days of the week.
- Mainly **dry weather** prevailed over remaining parts of the country during the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was deficient / scanty in 07 met sub-divisions and no rain in 29 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 04th February, 2009)** was in excess / normal in 01 and deficient / scanty in 27 sub-divisions and no rain in 08 met sub-divisions.

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

Region	Week Ending (04.02.09)				Cumulative (01.01.09 to 04.02.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Deviation (%)	Category
	Actual	Normal			Actual	Normal		
North-West India	0.3	10.7	-97	S	31.1	46.4	-33	D
Central India	0.0	2.1	-100	NR	2.4	10.8	-78	S
South Peninsular India	0.0	1.4	-99	S	2.5	9.0	-72	S
North-East India	1.1	8.4	-87	S	7.4	25.8	-71	S
Country as a whole	0.3	5.6	-95	S	12.0	23.8	-49	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

Fog Condition

- **Shallow fog conditions** occurred in morning hours over many parts of Gangetic plains during the week.

Minimum Temperature

- Minimum temperatures were below normal over East Uttar Pradesh and Bihar for many days of the week.
- They were below normal to appreciably below normal over Andaman & Nicobar Islands, Rayalseema, Tamil Nadu & Puducherry and interior Karnataka during many days of the week.
- They were appreciably above normal to markedly above normal over Jammu & Kashmir, Rajasthan, Madhya Pradesh and Orissa and above normal to appreciably above normal over remaining parts of west, northwest, central & east India during many days of the week.
- They were near normal over remaining parts of the country.

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Weather Outlook / Forecast for the period 05th - 11th February, 2009 by IMD

Outlook for the Week Ending 11th February, 2009

- Under the influence of the western disturbance, located over Jammu & Kashmir and neighbourhood on 5th February, 09 and an induced circulation over Punjab in lower levels, fairly widespread precipitation is likely over western Himalayan region on 5th & 6th February, 09. Isolated rain/thundershower is also likely over adjoining Northern plains during 5th and 6th February, 09. The activity is likely to decrease thereafter due to eastwards movement of these systems.
- A fresh Western Disturbance is likely to affect Northwest India during 9-11th February, 09 causing scattered to fairly widespread precipitation over the Western Himalayan region and isolated light rain/thundershower likely over the plains of Northwest India and (North) Rajasthan during the same period.
- The prevailing appreciably above normal minimum temperature condition over Northwest, West and Central India is likely to continue till 6th February, 09. The minimum temperatures over these regions are likely to fall on 7th & 8th February and rise during 9th-11th February, 2009.
- The Northeastern states are likely to experience isolated to scattered precipitation towards the end of the week.

Zone-wise Weather Forecast:

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

- **Rain/snow** is likely at a few places over Jammu & Kashmir and Himachal Pradesh during next 24 hours and mainly dry weather and at isolated places over Uttarakhand during next 24 hours and mainly dry weather thereafter.
- **Isolated rain /thundershower** is likely over Punjab, North Haryana and Chandigarh during next 24 hours and mainly dry weather thereafter.
- **Mainly dry** weather is likely over the rest region.
- **Fall** in temperature by 2-4° C.

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

- **Mainly dry** weather is likely over the region.

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

- **Mainly dry** weather is likely over the region.

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

- **Isolated rain/thundershowers** are likely over Nicobar Islands.
- **Mainly dry** weather is likely over the region.

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

- **Mainly dry** weather is likely over the rest region.

Central India (MP, Chhattisgarh, Vidarbha)

- **Mainly dry** weather is likely over the region.

Reservoir Status (For the week ending on 05.02.2009)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 63.03 BCM. Current storage is less than the last year's position of 72.38 BCM and the average of last 10 year's storage of 61.33 BCM.

Table – 2: For 81 major reservoirs of the country

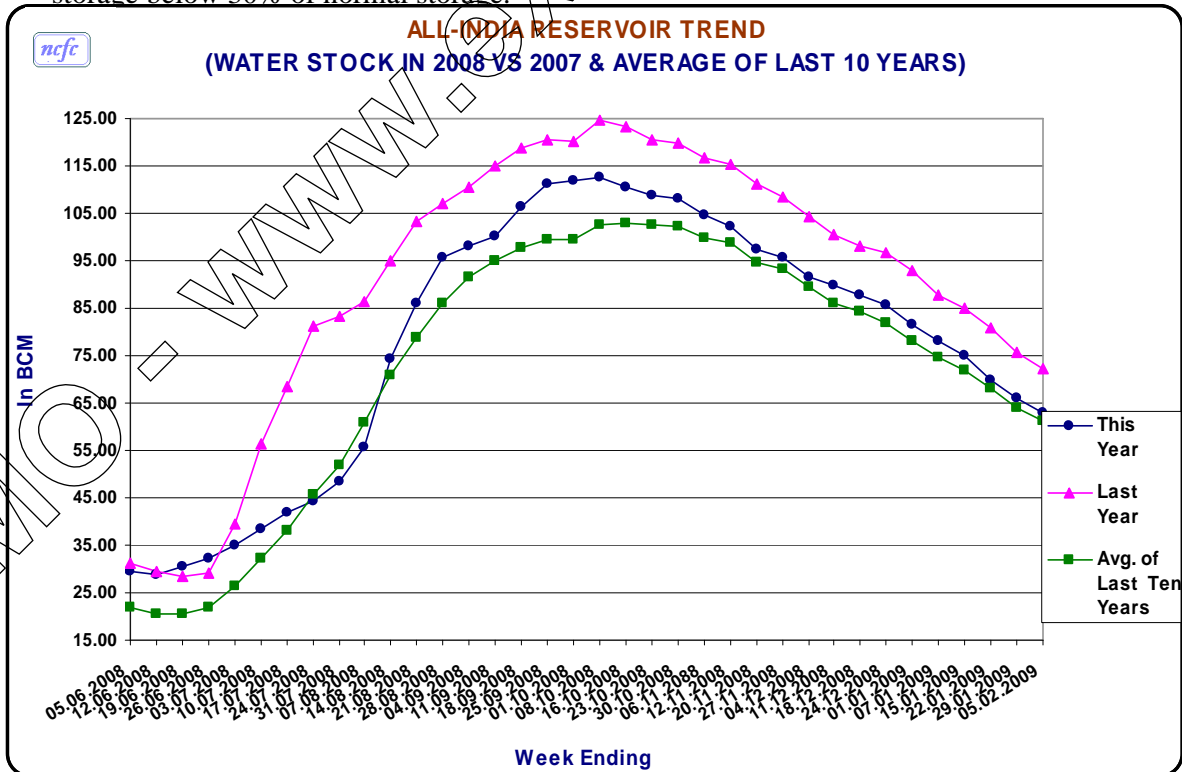
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	42	87	103
Last Week	43	87	103

The percentage to live capacity at FRL was 48% on 05/02/2008, 51% on 05/02/2007, 55% on 03/02/2006 and 37% on 03/02/2005 .

* *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%, 17 reservoirs having storage between 50% to 80% of Normal Storage and 7 reservoirs having storage between 30% to 50% of Normal Storage.
- There were seven reservoirs namely Dantiwada (Guj), Gumti (Tripura), Harangi (Kar), Yeldari (Maha), Rana Prata Sagar (Raj), Vanivilas Sagar (Kar) and Tawa (MP) having storage below 30% of normal storage.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during 1st October to 31st January, 2009

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement upto 01st October to 31st January, 2009</i>	<i>11688</i>	<i>4547</i>	<i>1580</i>	<i>3514</i>
<i>Availability during 1st October to 31st January, 2009</i>	<i>10399</i>	<i>3792</i>	<i>1555</i>	<i>2938</i>
<i>Sales during 1st October to 31st January, 2009</i>	<i>9832</i>	<i>3759</i>	<i>1345</i>	<i>2816</i>
<i>Closing Stock as on 31.01.2009</i>	<i>567</i>	<i>33</i>	<i>210</i>	<i>122</i>
<i>Requirement for February, 2009</i>	<i>1615</i>	<i>374</i>	<i>259</i>	<i>488</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

All India Crop Situation - Rabi (2008-09) as on 06-02-2009								
Crop Name	IV Adv. Est.	Normal Area	Area sown reported (In lakh hectares)			Change vis-à-vis prev. year		Remarks
			This Year	% of Normal	Last Year	Absolute	Percentage	
Wheat	281.53	265.30	275.61	103.9	273.90	1.7	0.6	Guj (-1.9, -13.4), HP (+0.2, +5.6), Har (+0.2+0.6), Kar (+0.2, +7.8), MP (-1.0, -2.6), Maha(-2.0, -17.0), Raj (+0.6+2.5), UP (+5.0, +5.6), WB (+0.5, +13.6)
Rice	43.88	37.31	24.74	66.3	23.00	1.7	7.6	AP (+0.9, +8.7), Ass (+0.5, +37.2), Kar (-0.2, -9.9), TN (+0.3, +25.5), WB (+0.5, +7.7)
Jowar	43.62	49.11	48.76	99.3	44.61	4.2	9.3	AP (-0.6, -24.8), Kar (+0.4, +3.1), Maha (+4.1, +14.6), TN (+0.2, +11.6)
Maize	11.28	8.15	11.37	139.6	10.38	1.0	9.5	AP (+0.5, +17.9), Bih (-0.2, -7.0), Kar (+0.4, +54.5), TN (+0.4, +34.6)
Barley	6.14	6.50	7.80	119.9	6.93	0.9	12.6	MP (+0.3, +46.7), Raj (+0.7, +22.4), UP (-0.1, -4.7)
Total Coarse Cereals	61.04	63.60	68.27	107.3	62.30	6.0	9.6	Bih (-0.3, -7.3), Kar (+0.2, +5.7), MP (+0.3, +44.4), Maha (+4.1, +14.1), Raj (+0.7, +22.4), TN (+0.6, +21.4), UP (-0.2, -7.5)
Total Cereals	386.45	366.21	368.62	100.7	359.20	9.4	2.6	
Gram	75.80	68.50	85.68	125.1	78.91	6.8	8.6	AP (-0.2, -3.0), Guj (-0.2, -8.8), Har (+0.2, +21.5), Kar (+1.4, +18.6), MP (+3.2, +13.2), Maha(-1.7, -12.5), Raj (+1.6, +12.4), UP (+2.6, +43.1)
Lentil	-	14.45	15.21	105.2	13.66	1.6	11.4	Bih (-0.1, -4.8), MP (+0.5, +10.8), UP (+1.1, +20.4)
Peas	-	7.41	8.42	113.7	6.49	1.9	29.8	MP (+0.2, +36.5), UP (+1.3, +39.7)
Kulthi(Horse Gram)	-	3.10	4.77	153.7	4.96	-0.2	-3.9	AP (-0.1, -24.5), Chhat(-0.1, -22.2), Ori (-0.2, -8.2), TN (+0.2, +104.8)
Urad	8.09	7.30	7.25	99.3	8.55	-1.3	-15.3	AP (-1.1, -30.1), Ori (-0.1, -4.0), TN (-0.3, -24.1), WB (+0.2+33.3)
Moong	7.21	6.22	5.09	81.9	5.52	-0.4	-7.7	AP (-0.2, -17.0), Ori (-0.2, -6.4), TN (-0.1, -9.7)
Lathyrus	-	6.35	4.31	67.9	5.08	-0.8	-15.2	Chhat(-0.8, -17.4)
Others	31.07*	2.99	7.04	235.6	6.61	0.4	6.5	
Total Pulses	122.16	115.99	137.76	118.8	129.77	8.0	6.2	AP (-1.4, -12.0), Bih (-0.4, -8.8), Chhat (-1.1, -11.7), Har (+0.3, +25.0), Kar (+1.3, +14.7), MP (+4.4, +13.8), Maha(-2.1, -14.1), Ori (-0.6, -6.1), Raj (+1.8, +13.6), TN (+0.7, +28.4), UP (+5.0, +33.9), WB (+0.4, +19.0)
Total Foodgrains	508.61	482.21	506.38	105.0	488.87	17.4	3.6	
Rapeseed & Mustard	57.49	63.25	66.51	105.2	59.82	6.7	11.2	Bih (-0.2, -12.9), Guj (-0.5, -13.5), Har (+0.8, +13.6), MP (+2.7, +49.2), Raj (+3.3, +13.1), UP (+0.9, +11.4)
Groundnut	11.12	8.28	7.39	89.3	8.40	-1.0	-12.0	AP (+0.1, +2.9), Ori (-0.2, -14.1), TN (-1.1, -41.5)
Safflower	3.17	3.69	2.80	75.9	3.17	-0.4	-11.7	Guj (+0.1, +100.0), MP (-0.1, -100.0), Maha (-0.4, -16.1)
Sunflower	11.14	13.04	10.67	81.9	10.15	0.5	5.1	AP (+0.2, +7.5), Kar (+0.5, +9.9), MP (-0.1, -100.0), TN (-0.1, 31.3)
Sesamum	3.06	2.41	1.65	43.6	1.30	-0.3	-19.2	TN (-0.2, -34.9)
Linseed	3.87	4.50	4.47	99.4	4.84	-0.4	-7.6	Bih (-0.1, -16.3), Chhat (-0.2, -16.5), MP (+0.3, +23.6), Maha(-0.4, -48.6)
Others	0.52	0.54	1.38	255.6	1.75	-0.4	-21.1	
Total Oilseed (Nine)	90.36	92.21	94.26	102.2	89.43	4.8	5.4	AP (+0.3, +3.9), Bih (-0.3, -14.1), Chhat(-0.2, -7.7), Guj (-0.4, -10.3), Har (+0.8, +13.6), Kar (+0.7, +9.4), MP (+2.2, +29.8), Maha (-0.7, -15.7), Ori (-0.3, -8.5), Raj (+3.3, +13.1), TN (-1.4, -39.8), UP (+1.0, +12.1), WB (+0.2, +4.4)
All- Crops	598.97	574.41	600.64	104.6	578.40	22.2	3.8	

Source: Crops & TMOP Divisions, D.A.C

*:- Includes Lentil, Peas, Kulthi, Lathyrus, Cowpea, Avare and Moth etc. during 2007-08 Adv. Est. (E&S).

Price Situation of Agricultural Commodities as submitted by the Department of Consumer Affairs

Inflation

The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 24.01.2009 decreased to 5.07% from the previous week's level of 5.64%. The inflation rate was 4.78% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 199% to 9.02%, (b) Manufactured products group by 0.47% to 5.74% and (c) Fuel, power, light and lubricant group increased by 0.59% to (-)0.84%. The share of these three groups in inflation during the week ending 24.01.2009 stood in the order of 40.88%, 62.60% and (-)3.59%.

Procurement:

Table – 5: Progressive procurement of Rice as on 06.02.2009 (lakh tonnes)

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 06.02.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	31.65	24.01
Chhattisgarh	27.43	22.47	24.12
Haryana	15.72	13.99	15.37
Kerala	1.68	0.69	0.55
Maharashtra	1.60	1.38	1.10
Orissa	23.49	11.83	11.37
Punjab	79.07	82.50	75.25
Tamil Nadu	9.68	4.16	2.06
Uttar Pradesh	28.91	30.19	20.09
Uttaranchal	1.47	2.26	1.13
West Bengal	15.08	5.83	2.00
All-India	285.02	212.25	179.45