

**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 19th February, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 13.02.2009.**

Summary observations of the Group on Agenda Item

- *Cumulative rainfall received for the country as whole, during the period 1st January to 11th February, 2009 was 17.6 mm which is 38% less than the normal rainfall in the above period.*
- *Actual Mean Maximum temperature anomaly ranged between 4 to 6⁰C over most parts Arunachal Pradesh, Nagaland, Manipur, some parts of the Jammu & Kashmir, Himachal Pradesh, Assam, Jharkhand, Central India, 0 to 2⁰C over most parts of Punjab, Gangetic West Bengal, West Rajasthan, Gujarat, Kokan & Goa, Madhya Maharashtra, Rayalseema, Karnataka, Tamil Nadu, Kerala and Andaman Nicobar Island, over some parts of Jammu & Kashmir, Haryana, East Rajasthan, Bihar, Jharkhand, Sub-Himalayan West Bengal, West Madhya Pradesh, Coastal Andhra Pradesh, Telengana, Lakshadweep, -2 to 0⁰C over some parts of West Rajasthan, Saurashtra & Kutch, Jharkhand, Gangetic West Bengal, Andaman & Nicobar Islands, 2 to 4⁰C over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 2 to 4⁰C over most parts of Haryana, Delhi, Uttar Pradesh, Sikkim, Rajasthan, Central Madhya Maharashtra, East Vidarbha, Madhya Pradesh and South Chhattisgarh, some parts of Punjab, Sikkim, Assam, Arunachal Pradesh, Orissa, Coastal Andhra Pradesh, Telangana and North Interior Karnataka, -2 to 0⁰C over most parts of South Interior Karnataka, Kerala, Tamil Nadu and Andaman & Nicobar Islands, some parts of Jammu & Kashmir, East Uttar Pradesh, Bihar, Jharkhand, Orissa, Madhya Maharashtra, West Madhya Pradesh, North Interior Karnataka and Rayalseema, 0 to 2⁰C 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 63.03 BCM on 05.02.2009 to 59.27 BCM on 12.02.2009.*
- *Area sown reported till 13.02.09 under Coarse Cereals, Pulses and Oilseeds during Rabi season was 107%, 119% and 103% of the normal area respectively.*
- *As on 13.02.09, area sown under all rabi crops taken together has been reported to be 607.32 lakh hectares at All India level as compared to 588.97 lakh hectares in the corresponding period of 2007-08.*

- *Area reported was higher by 2.3 lakh ha. under rice, 4.2 lakh ha. under Jowar, 6.8 lakh ha. under Gram, 1.5 lakh ha. under Lentil, 1.9 lakh ha. under Peas and 6.1 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 31.01.2009 decreased to 4.39% from the previous week's level of 5.07%. The inflation rate was 4.74% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 31.01.2009 increased to 12.11% from the previous week's level of 10.88%. Among the foodgrains, inflation for Rice has increased to 16.22% from the previous week's level of 15.55% and Cereals to 11.65% from the previous week's level of 10.51%, Pulses to 15.03% from the previous week's level of 13.26% and for Wheat to 4.79% from the previous week's level of 4.15.*
- *The inflation for non-food items decreased to 5.19% from the previous week's level of 5.72% and for the food items to 11.48% from the previous week's level of 11.14%.*

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 11th February, 2009

- **Isolated to widespread precipitation** occurred over Jammu & Kashmir and Himachal Pradesh during many days and over Uttarakhand on last day of the week.
- **Isolated to fairly widespread rain/thundershowers** occurred over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Saurashtra, Kutch & Diu, Assam, Andaman & Nicobar Islands and Lakshadweep for one to three 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 Excess / normal in 06 met sub-divisions, deficient / scanty in 04 met sub-divisions and no rain in 26 met sub-divisions. (Sub-division wise weekly rainfall distribution is given in **Annex-I**).
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 11th February, 2009)** was in excess / normal in 01 and deficient / scanty in 28 sub-divisions and no rain in 07 met sub-divisions. (The sub-division-wise seasonal rainfall distribution is given in Annex II)

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

Region	Week Ending (11.02.09)				Cumulative (01.01.09 to 11.02.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	17.7	8.3	113	E	48.7	54.7	-11	N
Central India	0.0	2.0	-100	NR	2.5	12.8	-80	S
South Peninsular India	0.1	1.1	-93	S	2.5	10.1	-75	S
North-East India	0.0	8.1	-100	NR	7.9	33.9	-77	S
Country as a whole	5.5	4.7	15	N	17.6	28.5	-38	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 appreciably above normal to markedly above normal over Sub-Himalayan West Bengal & Sikkim, Orissa, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Maharashtra and Chhattisgarh.
- They were above normal to appreciably above normal over Arunachal Pradesh, Assam & Meghalaya, West Uttar Pradesh, Punjab, Coastal Andhra Pradesh and Telangana during many days of the week.
- They were appreciably below normal over Andaman & Nicobar Islands for two days and below normal over most parts of extreme south peninsula during many days of the week.
- They were near normal over remaining parts of the country.

Weather Outlook / Forecast for the period 12th - 18th February, 2009 by IMD

Outlook for the Week Ending 18th February, 2009

- *Under the influence of the western disturbance, over Jammu & Kashmir and neighbourhood on 12th February, and cyclonic circulation in lower levels over Assam & Meghalaya, scattered to widespread precipitation is likely to occur over western Himalayan region on 12th & 13th February. Isolated rain/thundershower is also likely over northeast region during the same period. The activity is likely to decrease thereafter.*
- *A fresh western disturbance is likely to affect northwestern parts of the country during 13-15th February, causing scattered to fairly widespread precipitation over the western Himalayan region and isolated to scattered rain/thundershower over the plains of northern parts of the country during the same period.*

Zone-wise Weather Forecast:

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

- *Rain/snow is likely at many places over Jammu & Kashmir and Himachal Pradesh during next 48 hours and at few places thereafter.*
- *Rain /snow is likely at few places over Uttarakhand during next 48 hours and mainly dry weather thereafter.*
- *Rain/thundershowers are likely at few places over Punjab, North Haryana & Chandigarh and isolated places over Northwest Uttar Pradesh during next 24 hours.*

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

- *Rain / thundershowers are likely at isolated places over Sub-Himalayan West Bengal and Sikkim after 24 hours.*
- *Mainly dry weather is likely over the region.*

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

- *Rain / thundershowers are likely isolated places over the region.*

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

- *Rain/thundershowers are likely at isolated places over Andaman & Nicobar Islands.*
- *Mainly dry weather is likely over the rest region.*

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

- *Rain/thundershowers are likely at isolated places over Rajasthan during next 48 hours.*
- *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 12.02.2009)

- 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 59.27 BCM. Current storage is less than the last year's position of 68.68 BCM and the average of last 10 year's storage of 58.15 BCM.

Table – 2: For 81 major reservoirs of the country

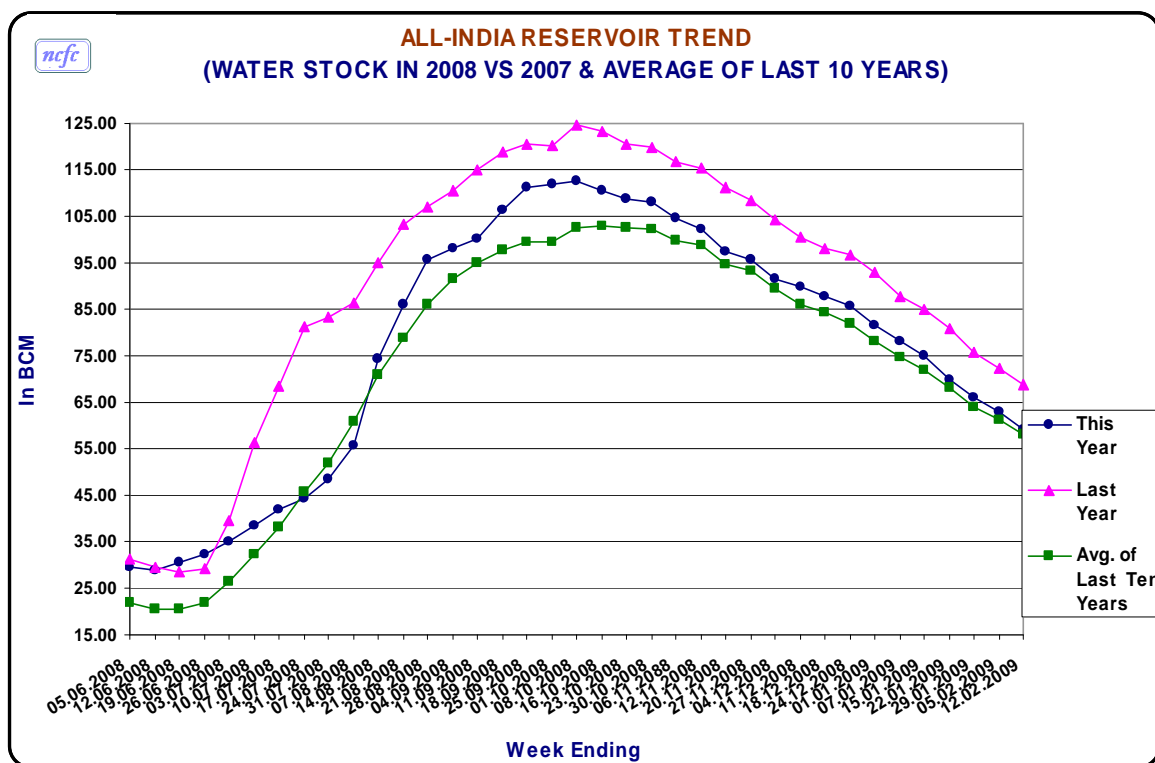
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	39	86	102
Last Week	42	87	103

The percentage to live capacity at FRL was 45% on 12/02/2008, 49% on 12/02/2007, 52% on 10/02/2006 and 36% on 10/02/2005 .

* *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%, 18 reservoirs having storage between 50% to 80% of Normal Storage and 8 reservoirs having storage between 30% to 50% of Normal Storage.
- There were eight reservoirs namely Dantiwada (Guj), Gumti (Tripura), Harangi (Kar), Yeldari (Maha), Rana Prata Sagar (Raj), Vanivilas Sagar (Kar), Ghataprabha (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 13-02-2009								
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	
								Changes in major States (abs. %)
Wheat	281.53	265.30	277.20	104.5	279.79	-2.6	-0.9	Bih (-0.8, -3.2), Guj (-1.9, -13.4), Har (+0.2,+0.6), Kar (+0.2, +7.8), MP (-1.0, -2.6), Maha(-2.4, -19.2), Raj (-2.7, -10.6), UP (+5.0, +5.6), WB (+0.5, +13.6)
Rice	43.88	37.31	29.18	78.2	26.83	2.3	8.8	AP (+1.6, +14.0), Ass (+0.5, +37.2), Kar (-0.2, -9.9), TN (+0.3, +16.0), WB (+0.5, +5.9)
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 (+0.7, +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	374.65	102.3	368.92	5.7	1.6	
Gram	75.80	68.50	85.70	125.1	78.92	6.8	8.6	AP (-0.2, -2.7), Guj (-0.2, -8.5), 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	15.20	105.2	13.66	1.5	11.3	Bih (-0.1, -4.8), MP (+0.5, +10.8), UP (+1.1, +20.4)
Peas	-	7.41	8.41	113.6	6.49	1.9	29.6	MP (+0.7, +36.5), UP (+1.3, +39.7)
Kulthi(Horse Gram)	-	3.10	4.77	153.8	4.96	-0.2	-3.9	AP (-0.1, -24.5), Chhat(-0.1, -21.6), Ori (-0.2, -8.2), TN (+0.2, +104.8)
Urad	8.09	7.30	7.28	99.7	8.58	-1.3	-15.2	AP (-1.1, -30.0), Ori (-0.1, -4.0), TN (-0.3, -24.1), WB (+0.2 +33.3)
Moong	7.21	6.22	5.14	82.7	5.60	-0.5	-8.1	AP (-0.2, -16.9), Ori (-0.2, -6.4), TN (-0.1, -9.7)
Lathyrus	-	6.35	4.31	67.9	5.09	-0.8	-15.2	Chhat (-0.8, -17.4)
Others	31.07*	2.99	7.15	239.2	6.72	0.4	6.3	
Total Pulses	122.16	115.99	137.97	118.9	130.02	7.9	6.1	AP (-1.4, -11.8), Bih (-0.4, -8.8), Chhat (-1.1, -12.0), Har (+0.3, +25.0), Kar (+1.3, +14.2), 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	512.62	106.3	498.94	13.7	2.7	
Rapeseed & Mustard	57.49	63.25	65.91	104.2	59.85	6.1	10.1	Bih (-0.2, -12.9), Guj (-0.5, -13.5), Har (+0.8, +13.6), MP (+2.7, +49.2), Raj (+2.9, +11.5), UP (+0.9, +11.5), WB (-0.3, -5.6)
Groundnut	11.12	8.28	7.83	94.6	8.62	-0.8	-9.2	AP (+0.1, +4.0), Ori (-0.2, -14.1), TN (-0.8, -32.4)
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	11.34	87.0	10.39	0.9	9.1	AP (+0.3, +8.1), Kar (+1.0, +20.7), MP (-0.1, -100.0), TN (-0.1, 31.3)
Sesamum	3.06	2.41	1.10	45.6	1.30	-0.2	-15.4	TN (-0.2, -31.7)
Linseed	3.87	4.50	4.51	100.3	4.86	-0.4	-7.2	Bih (-0.1, -16.3), Chhat (-0.2, -17.1), MP (+0.3, +23.6), Maha (-0.4, -48.6)
Others	0.52	0.54	1.19	220.4	1.84	-0.7	-35.3	
Total Oilseed (Nine)	90.36	92.21	94.70	102.7	90.03	4.7	5.2	AP (+0.4, +5.6), Bih (-0.3, -14.1), Chhat(-0.3, -9.7), Guj (-0.4, -10.3), Har (+0.6, +11.2), Kar (+1.2, +15.9), MP (+2.2, +29.8), Maha (-0.8, -17.4), Ori (-0.3, -8.5), Raj (+2.9, +11.5), TN (-1.1, -32.6), UP (+1.0, +12.2)
All- Crops	598.97	574.41	607.32	105.7	588.97	18.3	3.1	

Source: Crops & TMOP Divisions, DAC

*:- 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 31.01.2009 decreased to 4.39% from the previous week's level of 5.07%. The inflation rate was 4.74% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **increased** by 0.07% to 9.09%, (b) Manufactured products group declined by 0.22% to 5.52% and (c) Fuel, power, light and lubricant group by -2.70% to (-)3.54%. The share of these three groups in inflation during the week ending 31.01.2009 stood in the order of 47.49%, 69.72% and (-)17.49%.

Procurement:

Table – 5: Progressive procurement of Rice as on 13.02.2009 (lakh tonnes)

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 13.02.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	33.72	25.65
Chhattisgarh	27.43	22.63	24.44
Haryana	15.72	14.00	15.38
Kerala	1.68	0.72	0.56
Maharashtra	1.60	1.42	1.15
Orissa	23.49	13.16	12.45
Punjab	79.07	82.88	75.62
Tamil Nadu	9.68	4.49	2.44
Uttar Pradesh	28.91	31.65	21.21
Uttaranchal	1.47	2.45	1.18
West Bengal	15.08	5.90	2.08
All-India	285.02	219.31	184.87

Annexure

LIST OF PARTICIPANTS WHO ATTENDED THE MEETING OF CROP WEATHER WATCH GROUP HELD ON 13-02-2009.

Shri R.C. Ray

E.S.A.

Chairman

DTE. OF ECO. & STAT.

1. Shri Rajeev Lochan Adviser

DEPARTMENT OF AGRICULTURE & COOPERATION

2. Dr. H.C. Gautam Addl. Commissioner (Crops)
3. Dr. Pradip Kumar Saha Dy. Commissioner (Crops)
4. Ram Sanehi Asstt. Director (Crops)
5. Shri R.S. Chauhan Seed Officer (TMOP)

I.M.D.

6. Dr. B.P. Yadav Director

C.W.C.

7. Shri P.C.K. Singh Dy. Director

P.P.Q & S.

8. Shri V.K. Yadava Director (IPM)

R.B.I.

9. Shri M.S. Hasan A.M.

N.C.F.C.

10. Smt. Suman Chopra R.O.

Note: Representatives from I.C.A.R., Deptt. of Fertilizer, Deptt. of Consumer Affairs, Deptt. of Food & PD, P.I.B. and N.R.A.A. did not attend the meeting. It is requested that they should regularly attend the meeting.