

F.NO. 3-1/2007-NCFC – E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(NATIONAL CROP FORECASTING CENTRE)

Room no. 344-A, Krishi Bhavan, New Delhi
Dated, the 21st February, 2008

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 15.02.2008.**

Presentations in the meeting

Rainfall & Temperature (As reported by India Meteorological Department, (IMD)

Winter Rainfall (January – February) during the week ending on 15th February, 2008

- **Fairly widespread rain/snowfall** occurred over Jammu & Kashmir and Himachal Pradesh on 7-8th February, 08 .
- **Scattered to fairly widespread rain/thundershowers** occurred over East Uttar Pradesh, Bihar and East Madhya Pradesh on 7th-8th February, 08 and Orissa, Jharkhand and West Bengal on 8th & 9th February, 08 and **isolated** over south Chhattisgarh on 10th & 11th February, 08.
- **Fairly widespread rain/thundershowers** occurred over Coastal Andhra Pradesh during 8th - 12th February, 08 with isolated heavy rainfall. **Scattered rain/thundershowers** also occurred over Telangana and Vidarbha on 11th & 12th February, 08.
- **Scattered rain/thundershowers** occurred over Tamil Nadu & Puducherry during 7th-12th February, 08, Kerala during 8th to 12th February 08, South Interior Karnataka on 9th & 10th February, 08 and Northeastern States on many days of the week with **isolated heavy rainfall** on 9th and over Coastal Karnataka on 13th February, 08.
- **Isolated rain/thundershowers** occurred over Lakshadweep on many 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 18 sub-divisions, deficient / scanty in 10 sub-divisions and no rain in 8 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative winter rainfall (1st January to 13th February, 2008)** at the end of the week was in excess / normal in 18; deficient / scanty in 16 sub-divisions and no rain in 2 met sub-divisions.
- **Fog conditions** in morning hours developed over isolated pockets of **Haryana, Punjab, North Rajasthan and West Uttar Pradesh** during 1st half of the week. Fog conditions in morning hours also developed over isolated pockets of **East India** on 7th & 8th Feb., 08.

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

Region	Week Ending (13.02.08)				Cumulative (01.01.08 to 13.02.08)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi. (%)	Cat.
	Actual	Normal			Actual	Normal		
North-West India	14.4	8.9	61	E	74.1	57.8	28	E
Central India	2.8	2.0	42	E	9.8	13.4	-27	D
South Peninsular India	24.0	1.2	1839	E	29.2	10.6	175	E
North-East India	5.2	6.3	-18	N	39.5	35.2	12	N
Country as a whole	10.9	4.7	134	E	38.1	30.0	27	E

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

Source: India Meteorological Department, New Delhi

Temperature

- **Cold wave to severe cold wave** conditions prevailed over many parts of **Jammu division of Jammu & Kashmir, Punjab, Haryana, Madhya Pradesh, West Uttar Pradesh, Rajasthan and Gujarat** during many days of the week. They were **severe over isolated** pockets of these regions during the same period. **Cold wave conditions** also prevailed over some parts of **Chhattisgarh and East India** during second half of the week.
- The minimum temperatures were **below normal by 2-4°C** over remaining parts of **Northwest and West India** during many days of the week and **Interior Orissa & Jharkhand** during second half of the week.
- They were **above normal by 2-6°C** over **West Bengal & Sikkim, Coastal Orissa, Andhra Pradesh, Vidarbha and Tamil Nadu** during many days of the week.
- They were **above normal by 2-6°C over Northeastern states** during first half of the week and near normal during second half of the week.
- They were normal over remaining parts of the country during the week.

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 15th – 21st February, 2008 by IMD

Outlook for the Week Ending 20th February, 2008

- *Cold wave conditions likely to continue over Punjab, Rajasthan and Gujarat on 14th & 15th February, 08 and abate thereafter.*
- *Cold wave to severe cold wave conditions over many parts of Central & East India are likely to continue during 14-16th February, 08 and abate thereafter.*
- *Isolated to scattered rainfall activity is likely over Northeastern states and Jammu & Kashmir during the first half of the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/snow is likely over Jammu & Kashmir during 15th –18th Feb., 08 and mainly dry thereafter. Mainly dry weather is likely over the rest region.*
- *Fall in minimum temperature by 2-3°C over plains of Northwest India from 18th Feb., 08 onwards.*

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

- *Isolated rain/thundershower are likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh.*
- *Mainly dry weather is likely over the region.*
- *Cold wave conditions are likely over the region during 15th – 17th Feb., 08 and abate thereafter.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather is likely over the region.*
- *Cold wave conditions are likely over East Madhya Pradesh and Chhattisgarh during 15th – 17th Feb., 08 and abate thereafter.*

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

- *Isolated rain/thundershowers are likely over the region during 15th – 17th Feb., 08 and mainly dry weather thereafter.*

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

- *Mainly dry weather is likely over the region.*
- *Fall in minimum temperature by 2-3°C over Rajasthan and Gujarat from 18th Feb., 08 onwards.*

Reservoir Status (For the week ending on 14.02.2008)

- 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 69.75 BCM. Current storage is less than the last year's position of 75.80 BCM and more than the average of last 10 year's storage of 59.77 BCM.

Table – 2: For 81 major reservoirs of the country

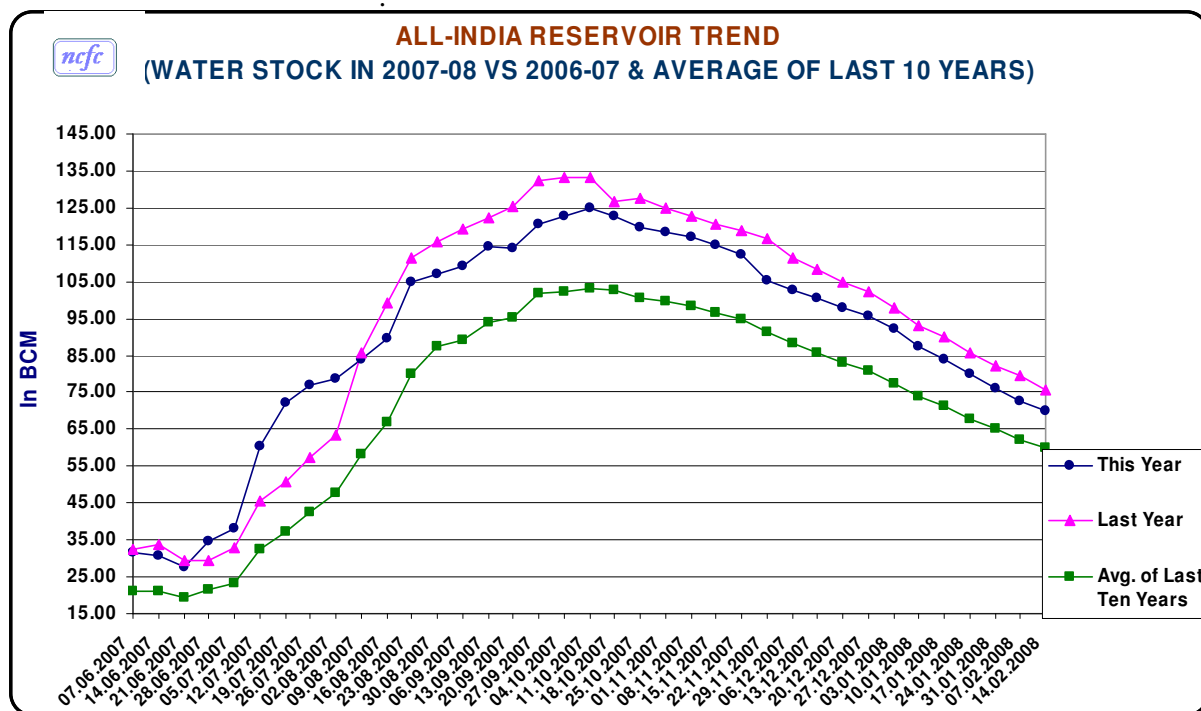
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	46	92	117
Last Week	48	91	117

The percentage to live capacity at FRL was 50% on 14/02/2007, 45% on 14/02/2006, 30% on 14/02/2005 and 29% on 14/02/2004 .

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

Source: CWC

- There were 70 reservoirs having storage more than 80%, 5 reservoirs having storage between 50% to 80% of Normal Storage and 6 reservoirs having storage between 30% to 50% 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 to 31st January, 2008

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Requirement for February, 2008</i>	<i>1888</i>	<i>430</i>	<i>307</i>
<i>Availability during 1st to 31st Jan., 08</i>	<i>3772</i>	<i>690</i>	<i>309</i>
<i>Sales during 1st to 31st Jan., 08</i>	<i>2641</i>	<i>433</i>	<i>217</i>
<i>Closing Stock as on 31.01.2008</i>	<i>1131</i>	<i>257</i>	<i>92</i>
<i>Requirement for January, 2008</i>	<i>2692</i>	<i>460</i>	<i>306</i>

Source: Fertilizer Division (DAC) / Deptt. of Fertilizer

Pest & Diseases:

- The incidence of pest & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.
- No shortage of Chemical / Bio-pesticides reported from any State / UT.

Table:4

All India Crop Situation - Rabi (2007-08) as on 15-02-2008							
Crop Name	Normal Area	Area sown reported			Change vis-à-vis prev. year		Remarks Changes in major States (abs. %)
		This Year	% of Normal	Last Year	Absolute	Percentage	
Wheat	262.00	277.31	105.8	282.14	-4.83	-1.7	Bih (-0.6, -2.3), Guj (+1.9, +16.1), Har (+1.0, +4.0), MP (-5.6, -13.1), Maha(+0.2, +1.8), Raj (+0.3, +1.2), UP (-2.4, -2.6), WB (+0.5, +14.3)
Rice	37.32	34.10	91.4	32.41	1.69	5.2	AP (+0.7, +5.6), Kar (+0.5, +24.2), TN (+0.1, +3.9), WB (+0.3, +1.9)
Jowar	50.29	46.74	92.9	49.39	-2.65	-5.4	AP(-0.4, -15.2), Kar (-0.2, -1.3), Maha (-1.8, -5.8), TN (-0.3, -6.7)
Maize	7.45	10.48	140.6	10.16	0.32	3.1	AP (+0.8, +36.4), Bih (-0.6, -15.1), Guj (+0.1, +16.4)
Barley	6.53	7.54	115.5	7.88	-0.34	-4.3	Har (+0.1, +18.4), Maha(-0.2, -24.1), Raj (-0.1, -3.0), UP (-0.1, -4.5)
Total Coarse Cereals	64.27	67.89	105.6	70.48	-2.59	-3.7	AP (+0.3, +6.5), Bih (-0.6, -14.6), Kar (-0.3, -2.4), Maha (-1.8, -5.8)
Total Cereals	363.59	379.30	104.3	385.03	-5.73	-1.5	
Gram	66.02	80.29	121.6	83.86	-3.57	-4.3	Ass(-0.4, -100.0), Chhat (+0.3, +10.5), Guj (+0.2, +7.3), Jhar (-0.2, -31.5), Kar (-0.6, -7.8), MP (-2.9, -10.6), Maha (+0.4, +3.2), Raj (+1.4, +12.2), UP (-2.0, -24.6)
Lentil	14.44	14.01	97.0	15.46	-1.46	-9.4	Bih (-0.3, -10.1), MP (-0.4, -7.9), UP (-0.8, -12.2)
Peas	7.18	6.76	94.2	8.25	-1.50	-18.1	MP (-0.5, -19.9), UP (-1.0, -24.2)
Kulthi(Horse Gram)	3.20	5.67	177.1	6.23	-0.56	-8.9	Kar (-1.0, -43.5), TN (+0.5, +143.2)
Urad	7.53	8.27	109.8	7.69	0.58	7.5	AP (-0.2, -5.5), Ass (+0.4, +100.0), Ori(+0.5, +18.8)
Moong	6.04	6.41	106.1	5.75	0.66	11.4	AP (-0.3, -22.1), Ori (+1.0, +27.9), TN(-0.3, -31.8), WB (+0.1, +100.0)
Lathyrus	6.49	5.19	80.0	4.50	0.69	15.4	Chhat (+0.2, +5.4), WB (+0.5, +100.0)
Total Pulses	113.53	133.36	117.5	139.49	-6.13	-4.4	AP (-0.5, -3.8), Chhat (+0.6, +6.9), Jhar (-0.4, -31.7), Kar (-1.6, -14.8), MP (-3.7, -10.5), Maha(+0.4, +2.7), Ori (+1.6, +16.5), Raj (+1.4, +11.6), TN (-0.2, -6.6), UP (-3.8, -20.3), Uttarn(-0.2, -100.0), WB (+0.3, +14.9)
Total Foodgrains	477.12	512.66	107.4	524.52	-11.86	-2.3	
Rapeseed & Mustard	59.28	59.55	100.5	66.30	-6.75	-10.2	Ass (-0.2, -6.8), Bih (-0.3, -15.8), Guj (-0.2, -5.3), Har (-0.8, -12.7), MP (-1.6, -22.4), Raj (-4.2, -14.5), UP (+0.2, +2.6), WB (+0.2, +3.4)
Groundnut	8.16	8.62	105.6	7.84	0.78	9.9	AP (+0.4, +18.5), Kar (+0.2, +13.7), Ori (+0.2, +11.8)
Safflower	3.74	3.15	84.2	3.41	-0.26	-7.6	Kar (-0.1, -14.9), Maha (-0.2, -7.3),
Sunflower	12.16	10.38	85.4	11.83	-1.45	-12.3	Kar (-0.9, -14.8), Maha (-0.5, -25.4)
Sesamum	16.77	1.30	7.8	1.25	0.05	4.0	AP (-0.1, -53.8), TN (+0.2, +46.5)
Linseed	4.70	4.87	103.7	5.18	-0.31	-6.0	MP(-0.2, -14.6), UP (-0.1, -24.4)
Total Oilseed (Nine)	88.04	89.46	101.6	96.95	-7.49	-7.7	Ass (-0.2, -6.3), Bih (-0.3, -14.3), Har(-0.7, -11.3),Kar (-0.8, -9.5), MP (-1.4, -15.5), Maha (-0.8, -15.7), Ori (+0.2, +5.9), Pun (-0.2, -32.3), Raj (-4.2, -14.5), TN (+0.3, +8.2), UP (+0.1, +1.2), WB (+0.1, +2.3)
All- Crops	565.15	602.12	106.5	621.47	-19.35	-3.1	

Source: Crops & TMOP Divisions, DAC

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 02.02.2008 decreased by 0.04% percentage points to 4.07% from the previous week level of 4.11%. The inflation rate was 6.58% during the corresponding period last year.

Table – 5: Retail prices of Essential Agricultural Commodities at Delhi

						(Rs. Per Kg.)
Items	Current price 14.02.08	1 week ago 07.02.08	Fortnight ago 31.01.08	1 month ago 14.01.08	1 year ago 14.02.07	% Variation 14.02.08 over 14.02.07
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	17.50	17.00	17.00	17.00	15.00	16.7
Wheat	13.00	13.00	13.00	12.00	12.00	8.3
Atta	14.00	14.00	14.00	13.00	13.00	7.7
Gram Dal	34.00	35.00	35.00	36.00	36.00	-5.6
Tur Dal	41.00	42.00	41.00	42.00	36.00	13.9
Sugar	17.00	17.00	17.00	17.00	19.00	-10.5
Groundnut Oil	121.00	121.00	121.00	120.00	94.00	28.7
Mustard Oil	70.00	69.00	69.00	67.00	56.00	25.0
Vanaspati	68.00	68.00	68.00	64.00	56.00	21.4
Tea (Loose)	108.00	107.00	107.00	107.00	110.00	-1.8
Milk	20.00	20.00	20.00	20.00	18.00	11.1
Potato	7.00	8.50	8.00	8.00	7.00	Steady
Onion	8.00	9.00	9.00	9.00	20.00	-60.0

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of the many essential agricultural commodities namely Wheat, Atta, Sugar, Groundnut Oil, Vanaspati and Milk remained at the same level as they were last week. Rise in prices was noted in **Rice** (50 paise per kg, 3.1%), **Mustard oil** (Re. 1.00 per kg, 1.4%) and **Tea (Loose)** (Re. 1.00 per kg, 0.9%). Fall in prices was noted in **Gram dal** (Re. 1.00 per kg, 2.9%), **Tur dal** (Re. 1.00 per kg, 2.4%), **Potato** (Rs. 1.50 per kg, 17.6%) and **Onion** (Re. 1.00 per kg, 11.1%).

As compared to the last year price of Potato remained steady, increase in prices was noted in **Rice** (Rs. 2.50 per kg, 16.7%), **Wheat** (Re. 1.00 per kg, 8.3%), **Atta** (Re. 1.00 per kg, 7.7%), **Tur dal** (Rs. 5.00 per kg, 13.9%), **Mustard Oil** (Rs. 14.00 per ltr., 25.0%), **Groundnut oil** (Rs. 27.00 per ltr, 28.7%), **Vanaspati** (Rs. 12.00 per ltr, 21.4%) and **Milk** (Rs. 2.00 per ltr, 11.1%) and decrease in price of **Gram dal** (Rs. 2.00 per kg, (-)5.6%), **Sugar** (Rs. 2.00 per kg, (-)10.5%), **Tea (Loose)** (Rs. 2.00 per kg, (-)1.8%) and **Onion** (Rs. 12.00 per kg, (-)60.0%) was observed.

Procurement :

Table – 6: Progressive procurement of Rice as on 15.02.2008 (lakh tonnes)

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 15.02.2008	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	26.82	21.04
Chhattisgarh	28.58	24.55	23.92
Haryana	17.73	15.39	17.52
Kerala	1.51	0.56	0.54
Maharashtra	0.96	1.16	0.85
Orissa	19.93	13.00	10.48
Punjab	78.28	75.70	76.54
Tamil Nadu	10.78	3.67	6.04
Uttar Pradesh	25.49	21.51	18.39
Uttaranchal	1.76	1.18	1.37
West Bengal	6.44	2.19	2.77
All-India	250.75	188.54	182.79

Annexure

LIST OF PARTICIPANTS WHO ATTENDED THE MEETING OF CROP WEATHER WATCH GROUP HELD ON 15-02.2008.

Shri R.C. Ray

E.S.A.

Chairman

DTE. OF ECO. & STAT.

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|----|------------------|--------------|
| 1. | Dr. Rajiv Mehta | Adviser |
| 2. | Shri D.K. Tiwari | Dy. Director |

DEPARTMENT OF AGRICULTURE & COOPERATION

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|----|--------------------|-------------------------|
| 3. | Dr. H.C. Gautam | Addl. Commissioner |
| 4. | Shri Ram Sanghi | Asstt. Director (Crops) |
| 5. | Shri Tej Pal Singh | Asstt. Director (P) |

I.M.D.

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| 6. | Dr. M. Duraisamy | Director |
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CWC

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| 7. | Shri K.M. Hamza | E.A.D. |
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P.P.Q & S.

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| 8. | Dr. V.K. Yadava | Director (IPM) |
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I.C.A.R.

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| 9. | Dr. A.K. Gogoi | ADG (Agro) |
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N.C.F.C.

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| 10. | Shri Jitender Kumar | Director & Member Secretary |
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Note: Representatives from Deptt. of Food & PD, Deptt. of Consumer Affairs, Deptt. of Fertilizer, N.R.A.A., R.B.I., and P.I.B. did not attend the meeting. It is requested that they should regularly attend the meeting.