

**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 14<sup>th</sup> February, 2008

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 08.02.2008.**

**Presentations in the meeting**

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

**Winter Rainfall (January – February) during the week ending on 08<sup>th</sup> February, 2008**

- An **extended wet spell** prevailed over Western Himalayan region during 3<sup>rd</sup>-8<sup>th</sup> February, 08 with **fairly widespread rain/snowfall** over Jammu & Kashmir; **scattered to fairly widespread rain/snowfall** occurred over Himachal Pradesh and Uttarakhand. **Isolated heavy snowfalls** also occurred over Jammu & Kashmir.
- **Isolated/scattered light rain/thundershowers** occurred over Gujarat and Rajasthan on 3<sup>rd</sup> February, 08, over Punjab, Haryana & West Uttar Pradesh on 3, 4 & 6<sup>th</sup> February, 08.
- **Isolated rain/thundershowers** over Northeastern States and Sub-Himalayan West Bengal & Sikkim on 1<sup>st</sup> and 2<sup>nd</sup> February, 08 and Jharkhand, Chhattisgarh and interior Orissa on 5<sup>th</sup> and 6<sup>th</sup> February, 08. **Scattered rain/thundershowers** over parts of East Uttar Pradesh, Bihar, Jharkhand, Chhattisgarh, Orissa and West Bengal on 7<sup>th</sup> Feb., 08.
- **Isolated to scattered rain/thundershowers** occurred over Andaman & Nicobar Islands on many days of the week.
- **Isolated rain/thundershowers** occurred over Tamil Nadu & Puducherry during 2-7<sup>th</sup> Feb. 2008, South Interior Karnataka on 4<sup>th</sup> February, 08, Kerala during 4-7<sup>th</sup> February, 08 and Lakshadweep on 6 -7<sup>th</sup> February, 08 .
- Mainly **dry weather** prevailed over remaining parts of the country during the week.

***Low Temperature Warning:***

- ***Ground frost conditions are likely at a few places over Punjab, Haryana and Rajasthan during 9-10<sup>th</sup> Feb. 2008.***
- **Out of 36 meteorological sub-divisions, rainfall during the week was excess / normal in 10 sub-divisions, deficient / scanty in 20 sub-divisions and no rain in 6 met sub-divisions.**

**Cumulative seasonal rainfall (1<sup>st</sup> January to 06<sup>th</sup> February, 2008)**

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 12; deficient / scanty in 21 sub-divisions and no rain in 3 met sub-divisions.**

**Table-1: Weekly and Cumulative Rainfall in four regions of the country <sup>1</sup>**

Region	Week Ending (06.02.08)				Cumulative (01.01.08 to 06.02.08)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi. (%)	Cat.
	Actual	Normal			Actual	Normal		
North-West India	12.9	10.0	30	E	59.0	48.9	21	E
Central India	1.6	1.9	-19	N	6.9	11.4	-40	D
South Peninsular India	0.9	1.3	-30	D	5.2	9.4	-44	D
North-East India	4.8	8.5	-44	D	35.6	28.9	23	E
Country as a whole	5.5	5.3	2	N	27.2	25.3	7	N

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

Source: India Meteorological Department, New Delhi

## TEMPERATURE

### Cold Wave Condition

- **Cold wave to severe cold wave** conditions prevailed over many parts of Northwest and central India, Rajasthan, Maharashtra, Uttar Pradesh, and some parts of Gujarat & North Interior Karnataka on 1<sup>st</sup> February, 08. It persisted over the same region and extended to North interior Orissa, Jharkhand, Bihar, Sub-Himalayan West Bengal and Assam on 2<sup>nd</sup> February, 08.
- The **cold wave condition abated** over the above regions outside east Uttar Pradesh, North Chhattisgarh, North interior Orissa, Jharkhand, Bihar, Sub-Himalayan West Bengal and Assam on 3<sup>rd</sup> February, 08 where it abated on 4<sup>th</sup> February, 08.
- The **fresh cold wave/ severe cold wave** conditions developed over some parts of Gujarat and South Rajasthan on 4<sup>th</sup> February, 08. It persisted over these regions and extended to Maharashtra on 5<sup>th</sup> & 6<sup>th</sup> February, 08.
- The minimum temperatures were **below normal by 2-4°C** over remaining parts of Northwest, Central, West, East and Northeast India during many days of the week.
- They were **above normal by 2-4°C** over Andhra Pradesh and Tamil Nadu during many days of the week. They were normal over remaining parts of the country during the week.

### FOG

- **Fog conditions** in morning hours developed over some parts of East India on many days of the week. Fog conditions in morning hours also developed over isolated pockets of Haryana, Punjab and North Rajasthan during 2<sup>nd</sup> half of 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 08<sup>th</sup> – 14<sup>th</sup> February, 2008 by IMD & NCMRWF***

### ***Outlook for the Week Ending 13<sup>th</sup> February, 2008***

- *Under the influence of western disturbance, ongoing fairly widespread rain/snowfall activity is likely to continue over Western Himalayan Region till 8<sup>th</sup> February, 08 and decrease significantly thereafter.*
- *Isolated to scattered rain/thundershowers also likely over adjoining Northern plains till 8<sup>th</sup> February, 08 and mainly dry weather is likely thereafter.*
- *With the eastward movement of Western Disturbance, Northwesterly winds are likely to set in over the plains of Northwest India from 9<sup>th</sup> February, 08 onwards leading to fall in minimum temperatures by 2-4° C over the region and hence the cold wave conditions at some places.*
- *The prevailing cold wave conditions over parts of Gujarat, Southwest Rajasthan, Madhya Maharashtra and Marathwada are likely to continue during first half of the week.*
- *Scattered rain/thundershower is also likely over parts of East and Northeast India on 8<sup>th</sup> and 9<sup>th</sup> February, 08.*

### ***Zone-wise Weather Forecast:***

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

- *Scattered snowfall/rain over J&K, Himachal Pradesh and Uttarakhand during 8<sup>th</sup> – 9<sup>th</sup> February, 08.*
- *Isolated rain is expected over Punjab, Haryana, Delhi and west U.P. during 8<sup>th</sup> – 9<sup>th</sup> Feb., 08.*

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

- *Scattered rain/thundershower is expected over East U.P., Bihar, Jharkhand, Sub Himalayan West Bengal & Sikkim and NE Indian Region*

#### ***Central India (MP, Chhattisgarh, Vidarbha)***

- *Isolated rain/thundershowers are likely over Madhya Pradesh and Chhattisgarh. Mainly dry weather is expected over rest of the region.*

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

- *Isolated to scattered rain/thundershowers are likely over Andaman and Nicobar Islands.*
- *Isolated rain/thundershowers are likely over rest of the region.*

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

- *Mainly dry weather is expected over the region except over North Rajasthan where isolated to scattered showers are likely.*

## Reservoir Status (For the week ending on 07.02.2008)

- 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 72.57 BCM. Current storage is less than the last year's position of 79.47 BCM and more than the average of last 10 year's storage of 62.09 BCM.

**Table – 2: For 81 major reservoirs of the country**

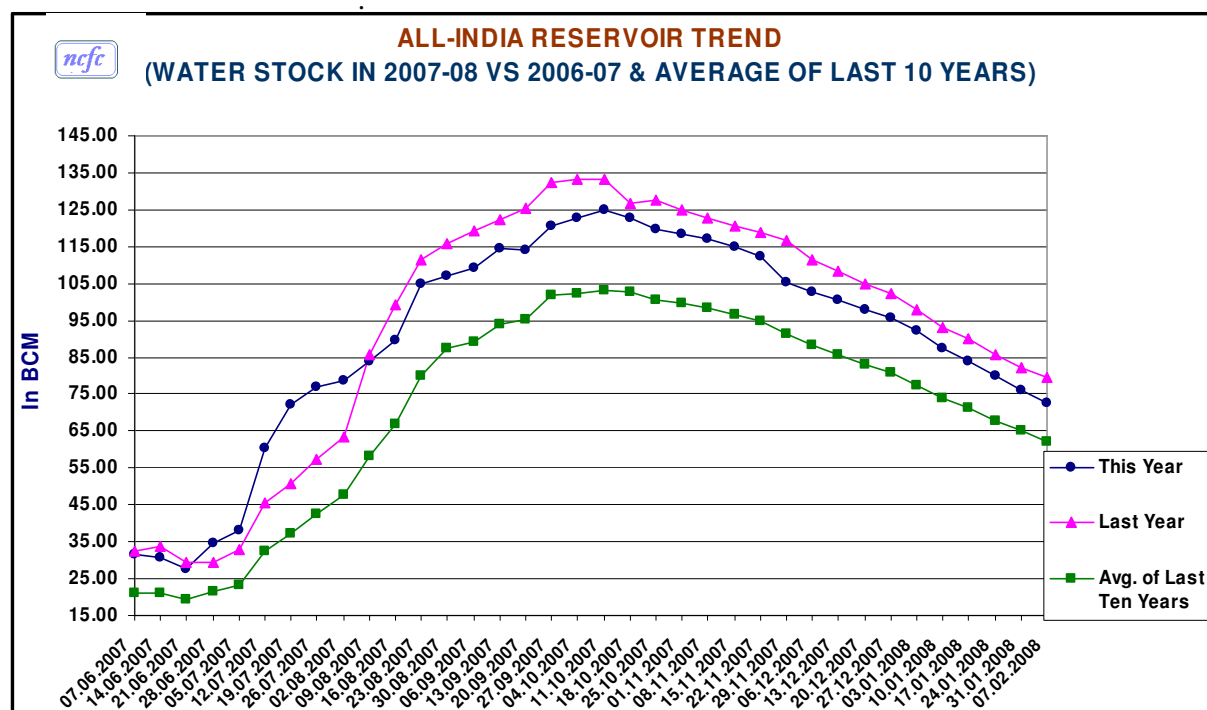
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	48	91	117
Last Week	50	93	117

The percentage to live capacity at FRL was 52% on 07/02/2007, 48% on 07/02/2006, 32% on 07/02/2005 and 31% on 07/02/2004 .

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

Source: CWC

- There were 72 reservoirs having storage more than 80%, 3 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 1<sup>st</sup> to 31<sup>st</sup> 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 1<sup>st</sup> to 31<sup>st</sup> Jan., 08</i>	<i>3772</i>	<i>690</i>	<i>309</i>
<i>Sales during 1<sup>st</sup> to 31<sup>st</sup> 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 08-02-2008							
Crop Name	Normal Area	Area sown reported			(In lakh hectares)		Remarks
		This Year	% of Normal	Last Year	Change vis-à-vis prev. year		
					Absolute	Percentage	
Changes in major States (abs. %)							
Wheat	262.00	276.89	105.7	282.14	-5.25	-1.9	Bih (-0.6, -2.3), Guj (+1.9, +16.1), Har (+0.5, +2.3), 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	21.49	57.6	21.74	-0.25	-1.1	AP (-0.6, -5.0), WB (+0.3, +6.7)
Jowar	50.29	46.74	92.9	49.38	-2.64	-5.3	AP(-0.4, -14.9), Kar (-0.2, -1.3), Maha (-1.8, -5.8), TN (-0.3, -6.7)
Maize	7.45	10.44	140.1	10.16	0.28	2.8	AP (+0.7, +34.4), Bih (-0.6, -15.1), Guj (+0.1, +16.4)
Barley	6.53	7.57	115.9	7.75	-0.18	-2.3	Har (+0.1, +26.3), Raj (-0.1, -3.0), UP (-0.1, -4.5)
Total Coarse Cereals	64.27	67.87	105.6	70.40	-2.53	-3.6	AP (+0.4, +7.2), Bih (-0.6, -14.6), Kar (-0.3, -2.4), Maha (-1.8, -5.8)
Total Cereals	363.59	366.25	100.7	374.28	-8.03	-2.1	
Gram	66.02	80.27	121.6	83.72	-3.45	-4.1	Ass(-0.4, -100.0), Chhat (+0.3, +9.9), Guj (+0.2, +7.3), Jhar (-0.2, -31.5), Kar (-0.6, -7.8), MP (-2.9, -10.6), Maha (+0.5, +3.6), Raj (+1.4, +12.2), UP (-1.9, -23.8)
Lentil	14.44	14.01	97.0	15.38	-1.37	-8.9	Bih (-0.3, -10.1), MP (-0.4, -7.9), UP (-0.7, -11.0)
Peas	7.18	6.76	94.2	8.08	-1.33	-16.4	MP (-0.5, -19.9), UP(-0.9, -21.0)
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	8.26	109.7	7.69	0.57	7.4	AP (-0.2, -5.7), Ass (+0.4, +100.0), Ori(+0.5, +18.8)
Moong	6.04	6.39	105.7	5.74	0.64	11.2	AP (-0.3, -22.1), Ori (+1.0, +27.9), TN(-0.3, -31.8), WB (+0.1, +100.0)
Lathyrus	6.49	5.18	79.9	4.44	0.75	16.8	Chhat (+0.3, +6.6), WB (+0.5, +100.0)
Total Pulses	113.53	133.28	117.4	138.99	-5.71	-4.1	AP (-0.5, -3.9), Chhat (+0.6, +7.3), Jhar (-0.4, -31.7), Kar (-1.6, -15.0), MP (-3.7, -10.5), Maha(+0.4, +3.1), Ori (+1.6, +16.5), Raj (+1.4, +11.6), UP (-3.4, -18.8), WB (+0.3, +14.9)
Total Foodgrains	477.12	499.53	104.7	513.27	-13.74	-2.7	
Rapeseed & Mustard	59.28	59.81	100.9	66.68	-6.87	-10.3	Ass (-0.2, -6.8), Bih (-0.3, -15.8), Guj (-0.2, -5.3), Har (-0.9, -13.4), MP (-1.6, -22.4), Raj (-4.2, -14.5), UP (+0.2, +2.6), WB (+0.2, +3.4)
Groundnut	8.16	8.40	102.9	7.62	0.78	10.2	AP (+0.4, +18.5), Ori (+0.2, +11.8), TN (+0.1, +5.0)
Safflower	3.74	3.15	84.2	3.42	-0.27	-7.9	Kar (-0.1, -14.9), Maha (-0.2, -7.7),
Sunflower	12.16	10.20	83.9	11.74	-1.54	-13.1	Kar (-1.0, -16.3), Maha (-0.5, -25.4)
Sesamum	16.77	1.30	7.8	1.23	0.07	5.7	AP (-0.1, -52.0), TN (+0.2, +46.5)
Linseed	4.70	4.85	103.3	5.18	-0.33	-6.4	MP(-0.2, -14.6), UP (-0.1, -24.4)
Total Oilseed (Nine)	88.04	89.30	101.4	97.01	-7.71	-7.9	AP (+0.1, +1.6), Ass (-0.2, -6.3), Bih (-0.3, -14.3), Har(-0.8, -12.9), Kar (-1.0, -12.0), MP (-1.4, -15.5), Maha (-0.9, -15.9), Ori (+0.2, +5.9), Raj (-4.2, -14.5), TN (+0.4, +13.2), UP (+0.1, +1.2), WB (+0.1, +2.3)
All- Crops	565.15	588.83	104.2	610.28	-21.45	-3.5	

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 26.01.2008 increased by 0.18% percentage points to 4.11% from the previous week level of 3.93%.The inflation rate was 6.69% during the corresponding period last year.

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

(Rs. Per Kg.)						
Items	Current price 07.02.08	1 week ago 31.01.08	Fortnight ago 24.01.08	1 month ago 07.01.08	1 year ago 07.02.07	% Variation 07.02.08 over 07.02.07
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	17.00	17.00	17.00	16.00	15.00	13.3
Wheat	13.00	13.00	12.00	12.00	12.00	8.3
Atta	14.00	14.00	14.00	13.00	13.00	7.7
Gram Dal	35.00	35.00	35.00	35.00	36.00	-2.8
Tur Dal	<b>42.00</b>	41.00	42.00	43.00	36.00	16.7
Sugar	17.00	17.00	17.00	16.50	19.00	-10.5
Groundnut Oil	121.00	121.00	121.00	120.00	94.00	28.7
Mustard Oil	69.00	69.00	68.00	67.00	56.00	23.2
Vanaspati	68.00	68.00	67.00	63.00	56.00	21.4
Tea (Loose)	107.00	107.00	107.00	107.00	109.00	-1.8
Milk	20.00	20.00	20.00	20.00	18.00	11.1
Potato	<b>8.50</b>	8.00	8.00	8.00	6.00	41.7
Onion	9.00	9.00	9.00	10.00	20.00	-55.0

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of the many essential agricultural commodities namely Rice, Wheat, Atta, Gram Dal, Sugar, Groundnut Oil, Mustard oil, Vanaspati, Tea (Loose), Milk and Onion remained at the same level as they were last week. Rise in prices was noted in **Tur dal** (Re. 1.00 per kg, 2.4%) and **Potato** (50 paise per kg, 6.3%).

As compared to the last year, increase in prices was noted in **Rice** (Rs. 2.00 per kg, 13.3%), **Wheat** (Re. 1.00 per kg, 8.3%), **Atta** (Re. 1.00 per kg, 7.7%), **Tur dal** (Rs. 6.00 per kg, 16.7%), **Mustard Oil** (Rs. 13.00 per ltr., 23.2%), **Groundnut oil** (Rs. 27.00 per ltr, 28.7%), **Vanaspati** (Rs. 12.00 per ltr, 21.4%), **Milk** (Rs. 2.00 per ltr, 11.1%) and **Potato** (Rs. 2.50 per kg, 41.7%) and decrease in price of **Gram dal** (Re. 1.00 per kg, (-)2.8%), **Sugar** (Rs. 2.00 per kg, (-)10.5%), **Tea (Loose)** (Rs. 2.00 per kg, (-)1.8%) and **Onion** (Rs. 11.00 per kg, (-)55.0%) was observed.

**Procurement :**

**Table – 6: Progressive procurement of Rice as on 08.02.2008 (lakh tonnes)**

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 08.02.2008	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	24.39	19.88
Chhattisgarh	28.58	24.26	23.92
Haryana	17.73	15.37	17.46
Kerala	1.51	0.55	0.51
Maharashtra	0.96	1.13	0.84
Orissa	19.93	12.48	10.11
Punjab	78.28	75.33	76.35
Tamil Nadu	10.78	1.04	3.54
Uttar Pradesh	25.49	20.56	17.74
Uttaranchal	1.76	1.14	1.30
West Bengal	6.44	2.06	2.30
All-India	250.75	180.85	176.70