

**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 06th February, 2008

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 01.02.2008.**

Presentations in the meeting

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

Winter Rainfall (January – February) during the week ending on 30th January, 2008

- **Isolated rain/snowfall** occurred over Himachal Pradesh on 26th, 27th & 30th January, 08 and Jammu & Kashmir during 26th to 29th January, 08 and **activity was scattered** on 30th January, 08.
- **Fairly widespread rain/thundershowers** occurred over Bihar, Jharkhand, sub-Himalayan West Bengal & Sikkim on 24th January, 08, Gangetic West Bengal & Orissa during 25th to 27th January, 08. It decreased thereafter with **isolated to scattered rain/thundershowers** over Gangetic West Bengal and Coastal Orissa on 28th Jan., 08.
- **Isolated light rain/thundershowers** occurred over different sub-divisions of west, east & central India on 30th January, 08.
- **Scattered to fairly widespread rain/thundershowers** occurred over northeastern states on many days of the week.
- **Isolated rain/thundershowers** occurred over coastal East Uttar Pradesh on 24th January, 08, Chhattisgarh during 25th-27th January, 08, over Sub-Himalayan West Bengal & Sikkim on 27th & 28th January, 08 and Tamil Nadu on 29th & 30th January, 08.
- 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 7 sub-divisions, deficient / scanty in 16 sub-divisions and no rain in 13 met sub-divisions.**

Cumulative seasonal rainfall (1st January to 30th January, 2008)

- Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 8; deficient / scanty in 22 sub-divisions and no rain in 6 met sub-divisions.

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

Region	Week Ending (30.01.08)				Cumulative (01.01.08 to 30.01.08)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi. (%)	Cat.
	Actual	Normal			Actual	Normal		
North-West India	0.9	13.2	-93	S	45.4	38.9	17	N
Central India	5.1	2.6	93	E	5.4	9.5	-43	D
South Peninsular India	0.7	1.2	-38	D	4.3	8.1	-47	D
North-East India	12.7	6.6	93	E	19.1	20.3	-6	N
Country as a whole	4.2	6.2	-33	S	19.7	20.0	-2	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 Jammu & Kashmir, Punjab, Haryana, Madhya Pradesh, West Uttar Pradesh and North Rajasthan on many days of the week and over Jharkhand, north Chhattisgarh, Maharashtra and Gujarat on a few days of the week.
- The minimum temperatures were below normal by 2-4°C over remaining parts of Northwest, central and West India during many days and interior Orissa, North Interior Karnataka and Telangana on a few days of the week.
- They were above normal by 2-4°C over West Bengal & Sikkim, Northeast India, Coastal Orissa and Coastal Andhra Pradesh during many days and Tamil Nadu on a few 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 Uttar Pradesh and Madhya Pradesh during 24th to 26th January, 08 and Bihar on 25th & 26th January, 08. Fog conditions in morning hours also developed over isolated pockets of North Orissa and Jharkhand on 27th January, 08.

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 01st – 07th February, 2008 by IMD & NCMRWF

Outlook for the Week Ending 06th February, 2008

- *The night temperatures are likely to increase from 2nd February, 08 onwards leading to abatement of prevailing cold wave conditions over Punjab, Haryana, Delhi, West Uttar Pradesh, East Rajasthan and West Madhya Pradesh.*
- *Numerical Weather Prediction models suggest that a western disturbance is likely to cause scattered to fairly widespread precipitation over Northwest India from 2nd to 4th Feb., 08.*
- *Decrease in rainfall activity over East & Northeast India.*

Zone-wise Weather Forecast:

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

- *Fairly wide spread snowfall/rain is expected over J&K, Himachal and Uttarakhand and isolated thundershowers are likely over adjoining plains during 2nd to 4th February, 08.*

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

- *Isolated rain/thundershowers are likely over Coastal Orissa, Gangetic West Bengal and NE States.*
- *Mainly dry weather is expected over rest of the region.*

Central India (MP, Chhattisgarh, Vidarbha)

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

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

- *Isolated rain/thundershowers are likely over Coastal Tamil Nadu.*
- *Mainly dry weather is likely over rest of the region.*

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

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

Reservoir Status (For the week ending on 31.01.2008)

- 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 76.20 BCM. Current storage is less than the last year's position of 82.24 BCM and more than the average of last 10 year's storage of 65.06 BCM.

Table – 2: For 81 major reservoirs of the country

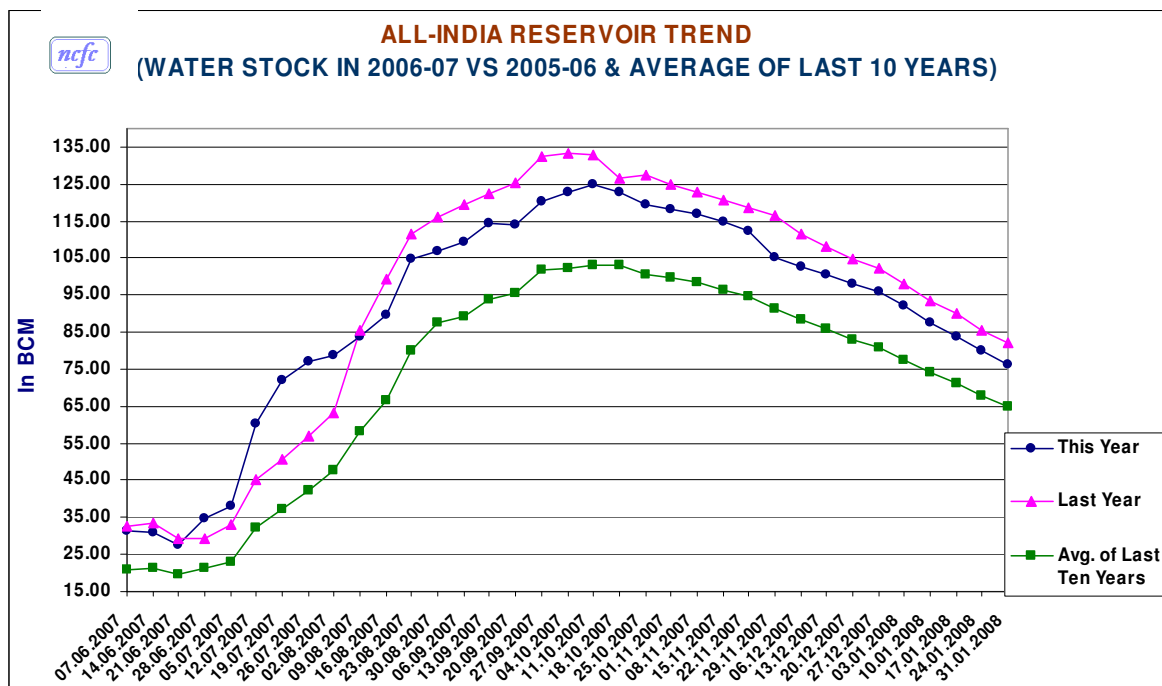
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	50	93	117
Last Week	53	93	118

The percentage to live capacity at FRL was 54% on 31/01/2007, 50% on 31/01/2006, 33% on 31/01/2005 and 32% on 31/01/2004 .

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

Source: CWC

- There were 73 reservoirs having storage more than 80%, 3 reservoirs having storage between 50% to 80% of Normal Storage and 5 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>3463</i>	<i>664</i>	<i>295</i>
<i>Sales during 1st to 31st Jan., 08</i>	<i>1772</i>	<i>366</i>	<i>185</i>
<i>Closing Stock as on 31.01.2008</i>	<i>1691</i>	<i>298</i>	<i>110</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 01-02-2008							
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	275.67	105.2	280.63	-4.96	-1.8	Bih (-0.6, -2.3), Guj (+1.9, +16.1), Har (+0.5, +2.3), MP (-4.4, -10.8), Maha(+0.3, +2.1), Raj (-0.6, -2.8), UP (-2.4, -2.7), WB (+0.5, +14.3)
Rice	37.32	19.84	53.2	20.06	-0.22	-1.1	AP (-0.4, -4.1), WB (+0.3, +6.7)
Jowar	50.29	46.57	92.6	49.37	-2.80	-5.7	AP(-0.4, -15.7), Kar (-0.2, -1.3), Maha (-1.7, -5.8), TN (-0.4, -10.4)
Maize	7.45	10.21	137.0	10.02	0.19	1.9	AP (+0.7, +33.0), 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	66.77	103.9	69.40	-2.63	-3.8	AP (+0.2, +4.9), Bih (-0.6, -14.6), Kar (-0.3, -2.4), Maha (-1.8, -5.8)
Total Cereals	363.59	362.28	99.6	370.09	-7.81	-2.1	
Gram	66.02	79.95	121.1	83.24	-3.29	-4.0	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 (+0.9, +7.3), Raj (+1.1, +9.7), UP (-1.9, -23.8)
Lentil	14.44	14.00	97.0	15.36	-1.36	-8.9	Bih (-0.3, -10.1), MP (-0.4, -7.7), UP (-0.7, -11.0)
Peas	7.18	6.75	94.1	8.08	-1.33	-16.4	MP (-0.5, -19.9), UP(-0.9, -21.0)
Kulthi(Horse Gram)	3.20	5.64	176.0	6.21	-0.57	-9.2	Kar (-1.0, -43.5), TN (+0.5, +143.2)
Urad	7.53	7.89	104.9	7.56	0.34	4.4	AP (-0.2, -4.0), Ass (+0.4, +100.0), Ori(+0.2, +6.8)
Moong	6.04	5.54	91.7	5.65	-0.11	-2.0	Ori (+0.2, +4.8), TN(-0.3, -31.8)
Lathyrus	6.49	5.18	79.9	4.44	0.74	16.7	Chhat (+0.3, +6.6), WB (+0.5, +100.0)
Total Pulses	113.53	131.55	115.9	138.11	-6.57	-4.8	Chhat (+0.6, +7.4), Jhar (-0.4, -31.7), Kar (-1.6, -15.5), MP (-3.7, -10.5), Maha(+1.0, +7.2), Ori (+0.4, +4.2), Raj (+1.1, +8.9), TN (-0.2, -6.6), UP (-3.4, -18.8), WB (+0.3, +14.9)
Total Foodgrains	477.12	493.83	103.5	508.20	-14.38	-2.8	
Rapeseed & Mustard	59.28	59.04	99.6	66.67	-7.63	-11.4	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 (-4.9, -17.1), UP (+0.2, +2.6), WB (+0.2, +3.4)
Groundnut	8.16	8.03	98.4	7.47	0.56	7.5	AP (+0.4, +17.2), Ori (+0.1, +8.0), TN (+0.1, +5.0)
Safflower	3.74	3.16	84.4	3.41	-0.25	-7.3	Kar (-0.1, -14.9), Maha (-0.2, -7.3),
Sunflower	12.16	10.07	82.8	11.63	-1.56	-13.4	Kar (-1.0, -16.8), Maha (-0.5, -25.0)
Sesamum	16.77	1.25	7.5	1.18	0.07	5.9	AP (-0.1, -54.2), TN (+0.2, +46.5)
Linseed	4.70	4.84	103.0	5.15	-0.31	-6.0	MP(-0.2, -14.6), UP (-0.1, -24.4)
Total Oilseed (Nine)	88.04	87.97	99.9	96.65	-8.68	-9.0	Ass (-0.2, -6.3), Bih (-0.3, -14.3), Har(-0.9, -13.4), Kar (-1.2, -13.9), MP (-1.4, -15.5), Maha (-0.8, -15.4), Raj (-4.9, -17.0), TN (+0.4, +12.5)
All- Crops	565.15	581.80	102.9	604.85	-23.06	-3.8	

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 19.01.2008 increased by 0.10% percentage points to 3.93% from the previous week level of 3.83%. The inflation rate was 6.31% during the corresponding period last year.

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

(Rs. Per Kg.)						
Items	Current price 31.01.08	1 week ago 24.01.08	Fortnight ago 17.01.08	1 month ago 31.12.07	1 year ago 31.01.07	% Variation 31.01.08 over 31.01.07
(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	36.00	36.00	-2.8
Tur Dal	41.00	42.00	42.00	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	120.00	121.00	94.00	28.7
Mustard Oil	69.00	68.00	68.00	66.00	57.00	21.1
Vanaspati	68.00	67.00	65.00	62.00	56.00	21.4
Tea (Loose)	107.00	107.00	107.00	109.00	109.00	-1.8
Milk	20.00	20.00	20.00	20.00	18.00	11.1
Potato	8.00	8.00	8.00	9.00	6.50	23.1
Onion	9.00	9.00	9.00	10.00	16.00	-43.8

- 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, Tea (Loose), Milk, Potato and Onion remained at the same level as they were last week. Rise in prices was noted in **Mustard Oil** (Re. 1.00 per kg, 1.5%) and **Vanaspati** (Re. 1.00 per kg, 1.5%). Fall in price was noted in Tur dal (Re. 1.00 per kg, 2.4%).

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. 5.00 per kg, 13.9%), **Mustard Oil** (Rs. 12.00 per ltr., 21.1%), **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. 1.50 per kg, 23.1%) 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. 7.00 per kg, (-)43.8%) was observed.

Procurement :**Table – 6: Progressive procurement of Rice as on 01.02.2008 (lakh tonnes)**

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 01.02.2008	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	21.58	17.86
Chhattisgarh	28.58	23.42	22.84
Haryana	17.73	15.36	17.43
Kerala	1.51	0.55	0.51
Maharashtra	0.96	1.04	0.79
Orissa	19.93	10.93	8.79
Punjab	78.28	75.04	75.97
Tamil Nadu	10.78	1.04	3.54
Uttar Pradesh	25.49	19.12	15.89
Uttaranchal	1.76	1.05	0.99
West Bengal	6.44	1.77	1.96
All-India	250.75	172.97	168.81