

F.NO. 3-1/2006-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 23rd January, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 18.01.2008.**

Presentations in the meeting

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

Winter Rainfall (January – February) during the week ending on 16th January, 2008

- **Fairly widespread/ widespread rain/snowfall** occurred over Himachal Pradesh on 10th Jan., 08 and Jammu & Kashmir on 10th & 11th Jan., 08 with isolated heavy falls on 10th Jan., 08 and activity was scattered on 11th Jan., 08.
- **Scattered precipitation** occurred over Punjab, Haryana, Chandigarh, Delhi and Uttarakhand on 10th Jan., 08.
- **Isolated rain/thundershowers** also occurred over North Rajasthan on 10th Jan., 08 and Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh during 12th to 14th January, 08.
- Mainly **dry weather** prevailed over remaining parts of the country during the week.

Warning: Isolated heavy snowfall is likely over Jammu & Kashmir and Himachal Pradesh.

- **Out of 36 meteorological sub-divisions, rainfall during the week was excess / normal in 1; sub-divisions, deficient / scanty in 8 sub-divisions and no rain in 27 met sub-divisions.**

Cumulative seasonal rainfall (1st January to 16th January, 2008)

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 4; deficient / scanty in 17 sub-divisions and no rain in 15 met sub-divisions.**

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

Region	Week Ending (16.01.08)				Cumulative (01.01.08 to 16.01.08)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi. (%)	Cat.
	Actual	Normal			Actual	Normal		
North-West India	12.5	6.2	101	E	28.0	17.2	63	E
Central India	0.0	2.4	-100	NR	0.2	4.9	-97	S
South Peninsular India	0.0	2.6	-100	NR	3.5	5.9	-40	D
North-East India	0.5	4.3	-88	S	0.5	9.2	-94	S
Country as a whole	3.9	3.9	0	N	9.5	9.6	-1	N

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

Source: India Meteorological Department, New Delhi

TEMPERATURE

Cold Wave Condition

- The minimum temperatures were above normal by 2-6°C over Northwest India and Rajasthan during first 2 days of the week. Due to fall in temperatures thereafter they were nearly normal or below normal by about 2°C during next 3 days. The minimum temperatures increased thereafter and were above normal by 2-5°C by the end of the week.
- They were above normal by 2-5°C over many parts of central India during first two days and were normal thereafter.
- They were above normal by 2-4°C over East Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim during first half of the week and were normal during second half of the week.
- They were above normal by 2-4°C over many parts of northeast India and Gujarat on many days and over north Maharashtra during a few days of the week.
- They were below normal by 1-3°C over many parts of south peninsula during many days of the week.
- They were normal over remaining parts of the country during the week.

Fog

- Fog condition in morning hours developed over some parts of Haryana on 10th & 11th January, 08, North Rajasthan and Punjab on 11th January, 08 and over Sub-Himalayan West Bengal & Sikkim and Northeastern states on 14th & 15th January, 08. Fog condition in morning hours also developed over some parts of Gangetic plains, coastal Orissa and Coastal Andhra Pradesh during second 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 18th - 24th January, 2008 by IMD & NCMRWF

Outlook for the Week Ending 23rd January, 2008

- *Under the influence of a western disturbance fairly widespread precipitation activity with isolated heavy falls is likely over Western Himalayan region. Isolated to scattered rain/thundershowers are also likely over adjoining Northern plains during first half of the week.*
- *Isolated to Scattered rain/thundershowers are likely over Sub-Himalayan West Bengal & Sikkim , Arunachal Pradesh and Assam & Meghalaya commencing from 18th Jan., 08 for subsequent 2-3 days.*
- *Appreciable fall in night temperature over Northwest India and Rajasthan from 19th Jan., 08 onwards for subsequent 2-3 days.*

Zone-wise Weather Forecast:

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

- *Fairly widespread snowfall/rain is expected over J&K, Himachal Pradesh and Uttarakhand during next 24 Hrs. and scattered during 24-25 January, 08.*
- *Isolated rainfall activity is expected over Punjab, Haryana and some parts of West Uttar Pradesh during 18th – 19th January, 08.*

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

- *Mainly dry weather is likely over the region except NE states where isolated to scattered thundershowers are likely after 2 days.*

Central India (MP, Chhattisgarh, Vidarbha)

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

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

- *Mainly dry weather is likely over 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 17.01.2008)

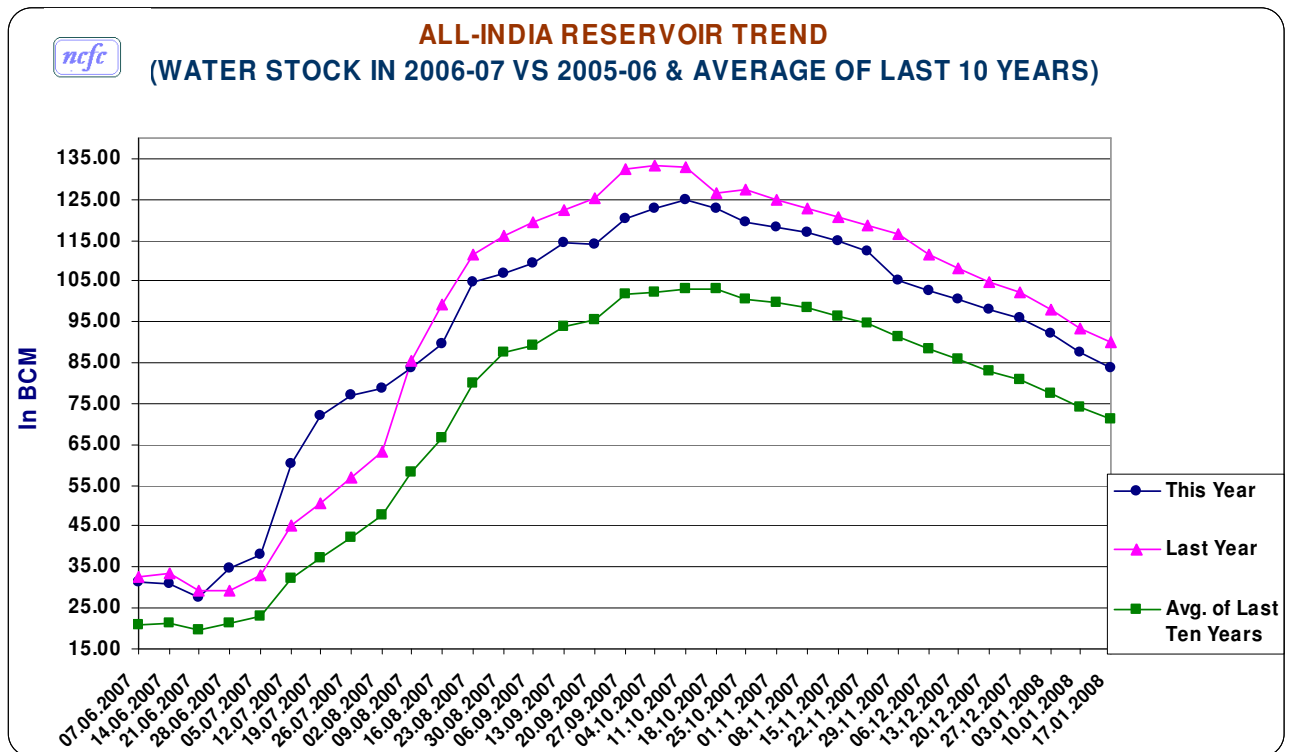
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs increased to 83.75 BCM. However, current storage is less than the last year's position of 90.16 BCM and more than the average of last 10 year's storage of 71.37 BCM.

Table – 2: For 81 major reservoirs of the country

<u>Period</u>	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	55	93	117
Last Week	58	94	118
The percentage to live capacity at FRL was 59% on 17/01/2007, 55% on 17/01/2006, 36% on 17/01/2005 and 35% on 17/01/2004 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 72 reservoirs having storage more than 80%, 4 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 15th January, 2008

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Requirement for January, 2008</i>	<i>1346</i>	<i>230</i>	<i>153</i>
<i>Availability during 1st to 15th Jan., 08</i>	<i>2140</i>	<i>452</i>	<i>251</i>
<i>Sales during 1st to 15th Jan., 08</i>	<i>654</i>	<i>185</i>	<i>139</i>
<i>Closing Stock as on 15.01.2008</i>	<i>1486</i>	<i>267</i>	<i>112</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 18-01-2008								
Crop Name	Normal Area	Area sown reported			Change vis-à-vis prev. year		Remarks	
		This Year	% of Normal	Last Year	Absolute	Percentage		Changes in major States (abs.%)
Wheat	262.00	274.40	104.7	280.26	-5.86	-2.1	Bih (-0.8, -3.3), Guj (+1.9, +16.1), Har (+0.5, +2.3), MP (-4.5, -11.0), Maha(+0.4, +3.8), Raj (-0.6, -2.8), UP (-2.9, -3.1) , WB (+0.5, +14.3)	
Rice	37.32	8.54	22.9	9.05	-0.51	-5.6	AP (-0.3, -4.2), Ori (-0.2, -60.0)	
Jowar	50.29	46.46	92.4	47.34	-0.88	-1.9	AP(-0.4, -16.3), Kar (-0.2, -1.5), Maha (-1.6, -5.4), TN (+1.4, +65.4)	
Maize	7.45	8.96	120.2	8.14	0.82	10.1	AP (+0.7, +38.5), Guj (+0.1, +18.2)	
Barley	6.53	7.25	111.0	6.49	0.76	11.7	Har (+0.2, +45.5), Raj (+0.7, +30.2), UP (-0.1, -5.8)	
Total Coarse Cereals	64.27	65.36	101.7	64.22	1.14	1.8	AP (+0.3, +5.5), Kar (-0.2, -1.6), Maha (-1.5, -5.0), Raj (+0.7, +30.9), TN (+1.6, +31.7)	
Total Cereals	363.59	348.30	95.8	353.53	-5.23	-1.5		
Gram	66.02	79.07	119.8	82.46	-3.39	-4.1	AP (+0.2, +2.6), Chhat (+0.4, +13.2), Jhar (-0.2, -31.5), Kar (-0.6, -7.8), MP (-2.8, -10.2), Raj (+1.1, +9.7), UP (-1.9, -24.2)	
Lentil	14.44	13.88	96.2	15.09	-1.20	-8.0	Bih (-0.3, -10.1), MP (-0.5, -9.1), UP (-0.7, -11.3), WB (+0.3, +66.7)	
Peas	7.18	6.73	93.8	7.88	-1.15	-14.6	MP (-0.5, -20.4), UP(-0.9, -21.0), WB (+0.2, +800.0)	
Kulthi(Horse Gram)	3.20	5.61	175.0	6.20	-0.59	-9.5	Kar (-1.0, -43.5), TN (+0.5, +135.1)	
Urad	7.53	7.35	97.6	7.40	-0.06	-0.8	AP (-0.2, -4.2), Ass (+0.4, +100.0), TN (-0.5, -38.0)	
Moong	6.04	5.49	90.9	5.57	-0.08	-1.4	Ori (+0.2, +4.8), TN(-0.3, -32.6)	
Lathyrus	6.49	5.15	79.4	4.42	0.73	16.4	Chhat (+0.3, +6.3), WB (+0.5, +100.0)	
Total Pulses	113.53	129.80	114.3	136.58	-6.78	-5.0	AP (-0.2, -1.9), Ass (+0.4, +53.0), Chhat (+0.8, +9.0), Jhar (-0.4, -31.7), Kar (-1.6, -15.5), MP (-3.7, -10.4), Ori (+0.4, +4.2), Raj (+1.1, +8.9), TN (-0.7, -20.6), UP (-3.5, -19.1), WB (+0.7, +56.3)	
Total Foodgrains	477.12	478.10	100.2	490.11	-12.01	-2.5		
Rapeseed & Mustard	59.28	58.84	99.3	66.53	-7.69	-11.6	Ass (-0.2, -6.8), Bih (-0.3, -17.0), Guj (-0.2, -5.3), Har (-0.9, -13.4), MP (-1.6, -22.3), Raj (-4.9, -17.1), UP (+0.2, +2.6), WB (+0.2, +3.4)	
Groundnut	8.16	6.53	80.0	6.68	-0.15	-2.2	AP (+0.4, +20.4), TN (-0.6, -25.3)	
Safflower	3.74	3.12	83.4	3.41	-0.29	-8.5	Kar (-0.1, -14.9), Maha (-0.2, -9.0),	
Sunflower	12.16	9.63	79.2	11.12	-1.49	-13.4	Kar (-1.0, -16.6), Maha (-0.5, -25.5)	
Sesamum	16.77	1.06	6.3	1.01	0.05	5.0	AP (-0.1, -59.1), TN (+0.2, +67.9)	
Linseed	4.70	4.75	101.1	5.09	-0.34	-6.7	MP(-0.2, -14.6), Maha (-0.1, -6.6), UP (-0.1, -24.4)	
Total Oilseed (Nine)	88.04	85.51	97.1	94.95	-9.44	-9.9	AP (+0.3, +4.5), Bih (-0.3, -15.2), Har(-0.9, -13.4), Kar (-1.2, -15.6), MP (-1.4, -15.5), Maha (-0.9, -16.0), Raj (-4.9, -17.0), TN (-0.3, -12.3)	
All- Crops	565.15	563.61	99.7	585.06	-21.45	-3.7		

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 05.01.2008 increased by 0.29% percentage points to 3.79% from the previous week level of 3.50%.The inflation rate was 6.37% during the corresponding period last year.

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

(Rs. Per Kg.)

Items	Current price 17.01.08	1 week ago 10.01.08	Fortnight ago 03.01.08	1 month ago 17.12.07	1 year ago 17.01.07	% Variation 17.01.08 over 17.01.07
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	17.00	17.00	16.00	16.00	15.00	13.3
Wheat	12.00	12.00	12.00	12.00	12.00	Steady
Atta	14.00	13.00	13.00	13.00	13.00	7.7
Gram Dal	35.00	36.00	36.00	36.00	36.50	-4.1
Tur Dal	42.00	43.00	42.00	42.00	33.00	27.3
Sugar	17.00	17.00	16.00	17.00	19.00	-10.5
Groundnut Oil	120.00	120.00	121.00	121.00	94.00	27.7
Mustard Oil	68.00	67.00	68.00	66.00	58.00	17.2
Vanaspati	65.00	63.00	63.00	62.00	56.00	16.1
Tea (Loose)	107.00	106.00	109.00	109.00	109.50	-2.3
Milk	20.00	20.00	20.00	20.00	17.00	17.6
Potato	8.00	8.00	9.00	9.00	6.00	33.3
Onion	9.00	9.00	10.00	10.00	17.00	-47.1

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of the many essential agricultural commodities namely Rice, Wheat, Sugar, Groundnut oil, Milk, Potato and Onion remained at the same level as they were last week. Rise in prices was noted in **Atta** (Re. 1.00 per kg, 7.7%), **Mustard oil** (Re. 1.00 per kg, 1.5%), **Vanaspati** (Rs. 2.00 per kg, 3.2%) and **Tea (Loose)** (Re. 1.00 per kg, 0.9%). Fall in prices was noted in **Gram dal** (Re. 1.00 per kg, 2.8%) and **Tur dal** (Re. 1.00 per kg, 2.3%).

As compared to the last year, prices of Wheat remained steady. Increase in prices was noted in **Rice** (Rs. 2.00 per kg, 13.3%), **Atta** (Re. 1.00 per kg, 7.7%), **Tur dal** (Rs. 9.00 per kg, 27.3%), **Mustard Oil** (Rs. 10.00 per ltr., 17.2%), **Groundnut oil** (Rs. 26.00 per ltr, 27.7%), **Vanaspati** (Rs. 9.00 per ltr, 16.1%), **Milk** (Rs. 3.00 per ltr, 17.6%) and **Potato** (Rs. 2.00 per kg, 33.3%) and decrease in price of **Gram dal** (Rs. 1.50 per kg, (-)4.1%), **Sugar** (Rs. 2.00 per kg, (-)10.5%), **Tea (Loose)** (Rs. 2.50 per kg, (-)2.3%), and **Onion** (Rs. 8.00 per kg, (-)47.1%) was observed.

Procurement :**Table – 6: Progressive procurement of Rice as on 17.01.2008 (lakh tonnes)**

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 17.01.2008	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	17.39	15.39
Chhattisgarh	28.58	15.87	16.21
Haryana	17.73	15.31	17.22
Kerala	1.51	0.54	0.51
Maharashtra	0.96	0.89	0.66
Orissa	19.93	8.65	6.81
Punjab	78.28	73.85	74.84
Tamil Nadu	10.78	0.29	2.77
Uttar Pradesh	25.49	15.00	13.05
Uttaranchal	1.76	0.99	0.99
West Bengal	6.44	1.28	0.93
All-India	250.75	151.28	150.77