

**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 12th December, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 07.12.2007.**

Presentations in the meeting

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

**Post- Southwest Monsoon (Northeast Monsoon) Rainfall during the week ending on 05th
December, 2007**

- **Isolated to scattered rain/thundershowers** occurred over Punjab, Jammu & Kashmir and Himachal Pradesh on 29th & 30th November, 07 over Haryana, Northwest Madhya Pradesh and West Uttar Pradesh on 2nd December, 07 and Coastal Tamil Nadu during many days of the week.
- **Isolated rain/thundershowers** occurred over Kerala on 29th November, 07 and Northeastern States on a few 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 in excess / normal in 5, deficient / scanty in 14 sub-divisions and no rain in 17 met sub-divisions.**

Cumulative seasonal rainfall (1st October to 05th December, 2007)

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 10 and deficient / scanty in 26 sub-divisions.**

Table-1: Cumulative Rainfall from 01st to 05th December, 07 in four regions of the country ¹

Region	Actual (in mm)	Normal (in mm)	Deviation (%)	Category
North-West India	4.5	42.9	-90	Scanty
Central India	30.9	75.5	-59	Deficient
South Peninsular India	201.7	246.8	-18	Normal
North-East India	122.3	151.3	-19	Normal
Country as a whole	70.9	111.2	-36	Deficient

Source: India Meteorological Department, New Delhi

TEMPERATURE

Minimum Temperature

- The minimum temperatures were **below normal by 2-3°C** over Jammu & Kashmir, Himachal Pradesh and Uttarakhand on many days of the week.
- They were **above normal by 3-7°C** over Rajasthan and by 2-4°C over West Uttar Pradesh, Haryana, northwest Madhya Pradesh, West Bengal, Gujarat Region, Maharashtra and Northeastern states on many days of the week.
- They were **below normal by 2-4°C** over Chhattisgarh, remaining parts of Madhya Pradesh, Jharkhand, Interior Karnataka on a few days of the week.
- They were **below normal by 2-3°C** during the first half of the week and **above normal by 2°C** during the second half of the week over Andhra Pradesh.
- They were near 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 07th - 13th December, 2007 by IMD & NCMRWF

Outlook for the Week Ending 12th December, 2007

- *Under the influence of two western disturbances, isolated to scattered precipitation is likely over Western Himalayan Region and adjoining Northern plains during the week.*
- *Isolated to scattered rain/thundershowers are likely over extreme South Peninsula.*
- *No significant change in night temperatures during first half of the week and rise in night temperatures by 2-3° C during second half of the week is likely over plains of Northwest & adjoining Central India.*

Zone-wise Weather Forecast:

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

- *J&K, H.P. and Uttarakhand are likely to receive isolated to scattered to fairly widespread snowfall/rain during 7th –8th December, -7 and thereafter fairly widespread snow/rain during 10-12 December, 07.*
- *Isolated to scattered showers over rest of the places during 11th - 12th December, 07.*

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

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

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry cold weather is likely over the region.*
- *Night temperature is likely to remain below normal over North Madhya Pradesh during 7th – 10th December, 07.*

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

- *Isolated rainfall is likely over South Coastal Tamilnadu, Kerala, Andaman & Nicobar islands and Lakshadweep during 7th – 9th December, 07 and increase thereafter.*
- *Mainly dry weather over rest of the region.*

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

- *Mainly dry and cold weather is expected during 7th – 9th December, 07.*
- *Day temperature are likely to fall and night temperatures rise beginning from 10th Dec. 07.*
- *Isolated to scattered showers are likely over North Rajasthan during 11th - 12th December, 07.*

Reservoir Status (For the week ending on 06.12.2007)

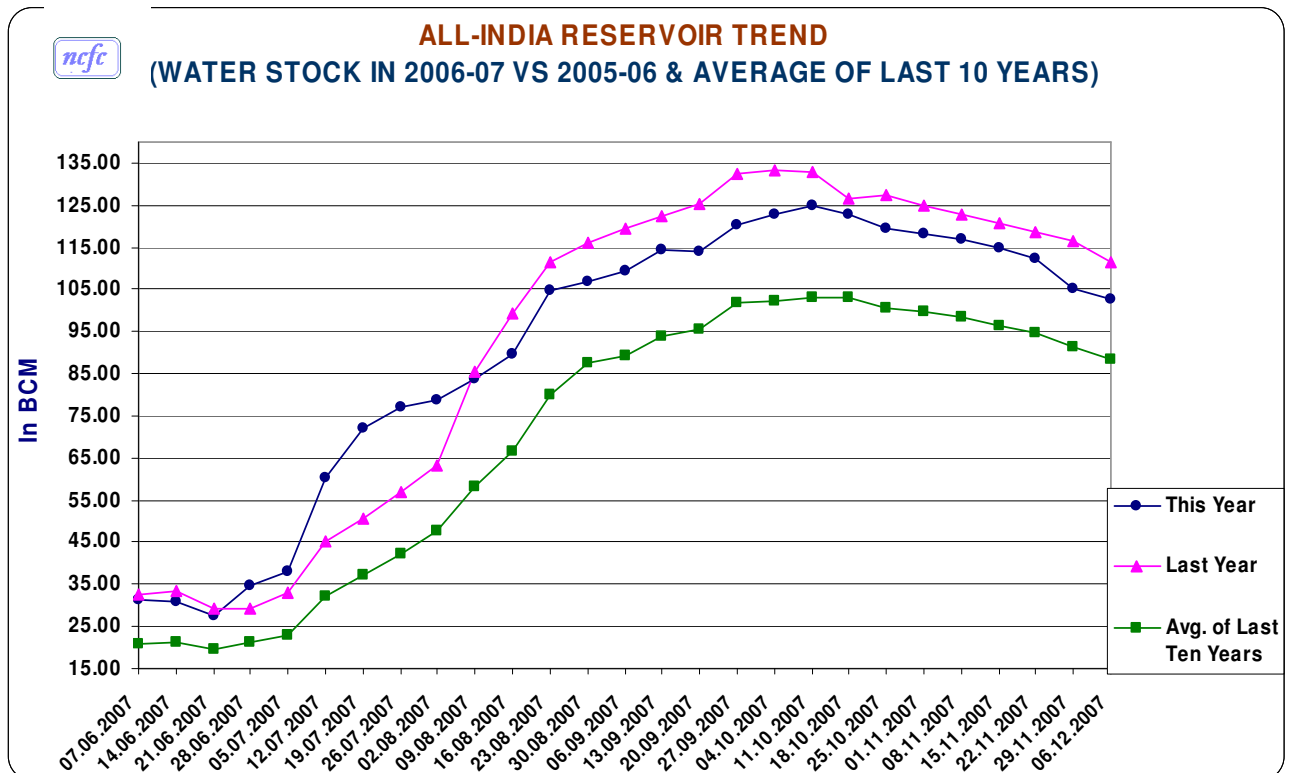
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs increased to 102.81 BCM. However, current storage is less than the last year's position of 111.56 BCM and more than the average of last 10 year's storage of 88.44 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	68	92	116
Last Week	69	90	115
The percentage to live capacity at FRL was 74% on 06/12/2006, 67% on 06/12/2005, 47% on 06/12/2004 and 45% on 06/12/2003 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 71 reservoirs having storage more than 80%, 6 reservoirs having storage between 50% to 80% of Normal Storage and 4 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 25th November, 2007

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Requirement for November, 2007</i>	<i>2865</i>	<i>1255</i>	<i>403</i>
<i>Availability during 1st to 25th Nov., 07</i>	<i>3791</i>	<i>1548</i>	<i>292</i>
<i>Sales during 1st to 25th Nov., 07</i>	<i>1018</i>	<i>616</i>	<i>122</i>
<i>Closing Stock as on 25.11.2007</i>	<i>2773</i>	<i>932</i>	<i>170</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 07-12-2007							
Crop Name	Normal Area	Area sown reported			Change vis-à-vis prev. year		Remarks
		This Year	% of Normal	Last Year	Absolute	Percentage	
Wheat	262.00	174.82	66.7	213.74	-38.9	-18.2	Bih (-2.4, -29.0), Guj (-2.6 -31.3), HP (-0.7, -20.2), MP (-15.7, -39.3), Maha (-4.4, -41.5), Raj (-2.3, -14.6), UP (-10.5, -15.9)
Rice	37.32	1.94	5.2	1.84	0.1	5.4	AP (+0.1, +6.0)
Jowar	50.29	43.99	87.5	46.26	-2.3	-4.9	AP(-0.4, -14.4), Guj (-0.2, -34.7), Kar (-0.3, -2.4), Maha (-2.1, -7.1), TN (+0.7, +41.6)
Maize	7.45	6.15	82.5	6.65	-0.5	-7.5	AP (+0.2, +17.6), Guj (-0.2, -25.4), Maha (-0.2, -21.6), TN (-0.2, -14.2)
Barley	6.53	5.40	82.7	6.09	-0.7	-11.3	HP (-0.1, -31.3), MP (-0.3, -52.6), Raj (-0.1, -2.2), UP(-0.2, -10.1)
Total Coarse Cereals	64.27	57.13	88.9	60.83	-3.7	-6.1	Guj (-0.5, -34.1), Kar (-0.4, -3.4), MP (-0.3, -50.0), Maha (-2.3, -7.4), TN (+0.5, +12.0), UP (-0.2, -7.3)
Total Cereals	363.59	233.89	64.3	276.41	-42.5	-15.4	
Gram	66.02	65.79	99.6	65.86	-0.1	-0.1	AP (+0.4, +6.5), Guj (+1.7, +100.0), Kar (-0.6, -7.7), MP (-4.1, -16.2), Maha (+1.3, +16.8), Raj (+2.0, +20.4), UP (-0.8, -12.1)
Lentil	14.44	11.91	82.5	12.79	-0.9	-6.9	Bih (-0.7, -34.3), MP (-0.7, -13.7), WB (+0.6, +400.0)
Peas	7.18	5.43	75.7	6.59	-1.2	-17.6	MP (-0.5, -22.4), UP(-0.7, -18.4)
Kulthi(Horse Gram)	3.20	4.46	139.1	5.66	-1.2	-21.3	Kar (-1.0, -44.4), TN(-0.2, -54.1)
Urard	7.53	4.39	58.3	4.35	0.0	0.7	AP (+0.2, +14.6), Ass (+0.4, +100.0), TN (-0.5, -38.0)
Moong	6.04	2.09	34.6	2.53	-0.4	-17.3	Ass (+0.1, +100.0), TN (-0.5, -56.5)
Lathyrus	6.49	4.14	63.8	3.97	0.2	4.3	Chhat (-0.2, -5.8), WB (+0.4, +100.0)
Total Pulses	113.53	102.45	90.2	106.96	-4.5	-4.2	AP (+0.4, +4.6), Bih (-0.9, -22.3), Chhat (-0.5, -7.3), Guj (+1.9, +100.0), Kar (-1.5, -15.2), MP (-5.1, -15.6), Maha (+1.4, +16.1), Raj (+2.0, +19.5), TN (-1.9, -53.5), UP (-1.5, -9.8), WB (+1.0, +153.8)
Total Foodgrains	477.12	336.34	70.5	383.37	-47.0	-12.3	
Rapeseed & Mustard	59.28	55.93	94.4	63.44	-7.5	-11.8	Ass (-0.4, -14.3), Bih (-0.3, -23.0), Guj (-0.4, -10.4), Har (-0.5, -7.9), Pun (-0.2, -27.9), Raj (-5.3, 18.4), WB (-0.4, -8.0)
Groundnut	8.16	3.28	40.2	3.43	-0.1	-4.4	AP (+0.2, +16.4), TN (-0.5, -31.3)
Safflower	3.74	2.75	73.5	3.24	-0.5	-15.1	Kar (-0.1, -18.9), Maha (-0.3, -12.2),
Sunflower	12.16	7.84	64.5	9.32	-1.5	-15.9	AP (-0.4, -16.9), Kar (-0.9, -16.3), Maha (-0.2, -14.6),
Sesamum	16.77	0.55	3.3	0.54	0.0	1.9	AP (-0.1, -71.4), TN (+0.1, +166.7)
Linseed	4.70	3.83	81.5	4.25	-0.4	-9.9	Bih(-0.1, -21.7), Chhat (-0.1, -11.9), UP (-0.1, -29.3)
Total Oilseed (Nine)	88.04	74.97	85.2	85.11	-10.1	-11.9	AP (-0.3, -6.7), Ass (-0.3, -13.2), Bih (-0.5, -23.4), Chhat(-0.2, -11.5), Guj (-0.4, -10.4), Har (-0.5, -7.9), Kar (-1.0, -16.1), Maha (-0.6, -13.6), Raj (-5.2, -18.3), TN (-0.3, -18.2), WB (-0.4, -7.8)
All- Crops	565.15	411.31	72.8	468.48	-57.17	-12.2	

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 24.11.2007 decreased by 0.20% percentage points to 3.01% from the previous week level of 3.21%. The inflation rate was 5.55% during the corresponding period last year.

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

(Rs. Per Kg.)

Items	Current price 06.12.07	1 week ago 29.11.07	Fortnight ago 22.11.07	1 month ago 06.11.07	1 year ago 06.12.06	% Variation 06.12.07 over 06.12.06
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	16.00	16.00	16.00	15.00	15.00	6.7
Wheat	12.00	12.00	12.00	12.00	12.00	Steady
Atta	13.00	13.00	13.00	13.00	13.00	Steady
Gram Dal	36.00	36.00	35.00	34.00	40.00	-10.0
Tur Dal	42.00	42.00	40.00	40.00	34.00	23.5
Sugar	17.00	17.00	17.00	16.00	20.00	-15.0
Groundnut Oil	121.00	121.00	121.00	119.00	92.00	31.5
Mustard Oil	64.00	64.00	64.00	62.00	58.00	10.3
Vanaspati	62.00	62.00	62.00	60.00	57.00	8.8
Tea (Loose)	109.00	109.00	108.00	108.00	110.00	-0.9
Milk	20.00	20.00	20.00	20.00	17.00	17.6
Potato	9.00	9.00	10.00	13.00	8.00	12.5
Onion	12.00	13.50	14.00	18.00	9.00	33.3

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of most of the essential agricultural commodities namely Rice, Wheat, Atta, Gram dal, Tur dal, Sugar, Groundnut oil, Mustard oil, Vanaspati, Tea (Loose), Milk and Potato remained at the same level as they were last week. Fall in prices was noted in **Onion** (Rs. 1.50 per kg, 11.1%).

As compared to the last year, prices of Wheat and Atta remained steady. Increase in prices was noted in **Rice** (Re. 1.00 per kg, 6.7%), **Tur dal** (Rs. 8.00 per kg, 23.5%), **Mustard Oil** (Rs. 6.00 per ltr., 10.3%), **Groundnut oil** (Rs. 29.00 per ltr, 31.5%), **Vanaspati** (Rs. 5.00 per ltr, 8.8%), **Milk** (Rs. 3.00 per ltr, 17.6%), **Potato** (Re. 1.00 per kg, 12.5%) and **Onion** (Rs. 3.00 per kg, 33.3%) and decrease in price of **Gram dal** (Rs. 4.00 per kg,(-)10.0%), **Sugar** (Rs. 3.00 per kg, (-)15.0%) and **Tea (Loose)** (Re. 1.00 per kg, (-) 0.9%) was observed.

Procurement :

Table – 6: Progressive procurement of Rice as on 07.12.2007 (lakh tonnes)

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 07.12.2007	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	2.09	3.80
Chhattisgarh	28.58	4.85	5.49
Haryana	17.73	14.45	16.16
Kerala	1.51	0.51	0.47
Maharashtra	0.96	0.22	0.24
Orissa	19.93	1.61	1.29
Punjab	78.28	69.83	71.49
Tamil Nadu	10.78	0.00	2.06
Uttar Pradesh	25.49	3.45	2.76
Uttaranchal	1.76	0.37	0.07
West Bengal	6.44	-	-
All-India	250.75	97.61	104.04