

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 19th December, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 14.12.2007.**

Presentations in the meeting

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

**Post- Southwest Monsoon (Northeast Monsoon) Rainfall during the week ending on 12th
December, 2007**

- **Scattered to fairly widespread rain/snow** occurred over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during 10th to 12th December, 07.
- **Isolated to scattered rain/thundershowers** occurred over Punjab & Haryana on 11th & 12th December, 07, over Uttar Pradesh and northwest Madhya Pradesh on 12th December, 07 and Tamil Nadu during first half of the week.
- **Isolated rain/thundershowers** occurred over Kerala & Karnataka on 7th December, 07 and Andaman & Nicobar Islands during many days of the week.
- The rainfall was **subdued** over South Peninsula during 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 6, deficient / scanty in 12 sub-divisions and no rain in 18 met sub-divisions.**

Cumulative seasonal rainfall (1st October to 12th December, 2007)

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 8 and deficient / scanty in 28 sub-divisions.**

Table-1: Cumulative Rainfall from 01st to 12th December, 07 in four regions of the country ¹

Region	Actual (in mm)	Normal (in mm)	Deviation (%)	Category
North-West India	8.4	46.2	-82	Scanty
Central India	31.0	76.6	-60	Scanty
South Peninsular India	204.0	255.2	-20	Deficient
North-East India	122.0	154.0	-21	Deficient
Country as a whole	72.6	114.7	-37	Deficient

Source: India Meteorological Department, New Delhi

TEMPERATURE

Minimum Temperature

- The minimum temperatures were **below normal by 2-4°C** over many parts of Northwest India on 8th & 9th December, 07. With increase in temperature, they became **above normal by 2-5°C** thereafter
- They were **above normal by 2-7°C** over Rajasthan on many days of the week.
- They were **below normal by 2-4°C** over Vidarbha and Marathwada during first half of the week. With increase in temperature, they became **above normal by 2-5°C** by the end of the week.
- They were normal during the first half of the week and **above normal by 2-5°C** over Madhya Pradesh and many parts of North Coastal Andhra Pradesh and Telangana during the second half of the week.
- 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, Uttarakhand, 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 14th - 20th December, 2007 by IMD & NCMRWF

Outlook for the Week Ending 19th December, 2007

- *Another Western Disturbance is likely to approach Jammu & Kashmir during around 20th December, 07. Under its influence scattered snowfall are likely over hilly region of Northwest India.*
- *Cold wave conditions are likely to develop over plains of northwest India, West Madhya Pradesh and Rajasthan during second half of the week.*
- *Fog conditions are likely over some parts in the plains of Northwest India.*
- *Fairly widespread rain/thundershowers with isolated heavy to very heavy falls are likely over extreme South Peninsula during first half of the week.*

Zone-wise Weather Forecast:

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

- *Isolated showers are likely over Uttarakhand during 14th – 15th December, 07.*
- *J&K and H.P. are expected to receive scattered snowfall/rain around 20th December, 07.*
- *Mainly dry and cold weather is expected over rest of the region.*

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 14th – 17th December, 07.*

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

- *Fairly widespread rainfall is likely over Tamilnadu, Kerala and Lakshadweep during 14th – 16th December, 07 and scattered to fairly widespread rain over South Coastal Tamil Nadu during the week.*
- *Mainly dry weather over rest of the region.*

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

- *Mainly dry and cold weather is expected during 14th – 17th December, 07.*
- *Day temperature are likely increase and night temperatures fall during 14th - 17th Dec., 07.*

Reservoir Status (For the week ending on 13.12.2007)

- 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 100.71 BCM. However, current storage is less than the last year's position of 108.22 BCM and more than the average of last 10 year's storage of 85.68 BCM.

Table – 2: For 81 major reservoirs of the country

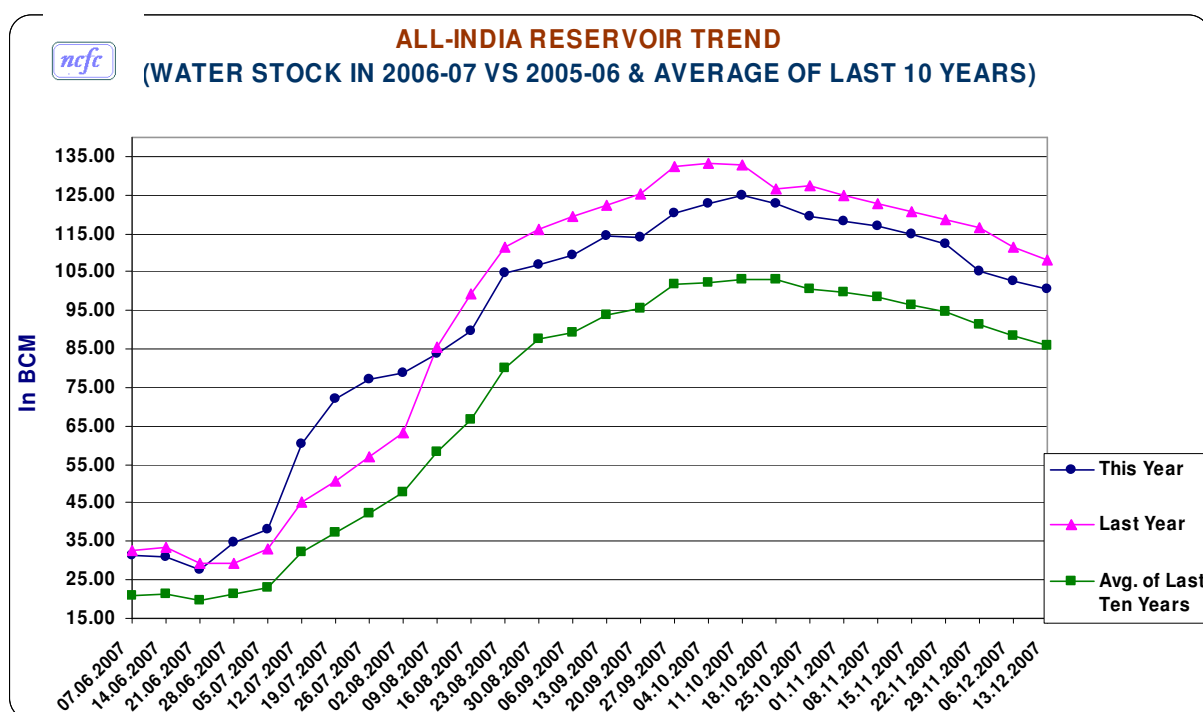
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	66	93	118
Last Week	68	92	116

The percentage to live capacity at FRL was 71% on 13/12/2006, 65% on 13/12/2005, 45% on 13/12/2004 and 43% on 13/12/2003 .

* *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%, 6 reservoirs having storage between 50% to 80% of Normal Storage and 3 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. However, Leaf Folder in Rice in the State of Kerala has been reported in isolated fields. Necessary measures are being taken by PPQ & S Dte.
- No shortage of Chemical / Bio-pesticides reported from any State / UT.

Table: 4

All India Crop Situation - Rabi (2007-08) as on 14-12-2007								
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	206.32	78.7	234.48	-28.16	-12.0	Bih (-2.4, -18.4), Guj (-1.0 -11.3), HP (-0.7, -20.2), J&K (-1.0, -50.0), MP (-7.0, -19.9), Maha (-1.2, -13.9), Raj (-2.0, -10.4), UP (-12.8, -16.4)	
Rice	37.32	2.52	6.8	2.58	-0.06	-2.3	AP (-0.04, -2.8)	
Jowar	50.29	44.51	88.5	46.81	-2.30	-4.9	AP(-0.5, -19.9), Kar (-0.4, -3.6), Maha (-1.5, -5.0), TN (+0.2, +11.1)	
Maize	7.45	7.77	104.3	6.96	0.81	11.6	AP (+0.4, +33.0), Bih (+0.7, +35.0), Guj (-0.1, -11.1), TN (-0.2, -19.2)	
Barley	6.53	6.43	98.5	6.25	0.18	2.9	Har (+0.1, +23.3), MP (-0.2, -35.1), Raj (+0.4, +17.7), UP(-0.2, -6.9), WB (+0.1, +233.3)	
Total Coarse Cereals	64.27	60.38	93.9	61.74	-1.36	-2.2	Bih (+0.7, +34.8), Guj (-0.3, -22.2), Kar (-0.5, -3.9), MP (-0.2, -33.3), Maha (-1.5, -4.8), Raj (+0.4, +18.3)	
Total Cereals	363.59	269.22	74.0	298.80	-29.58	-9.9		
Gram	66.02	70.76	107.2	75.95	-5.19	-6.8	Ass (-0.4, -100.0), Kar (-0.9, -11.6), MP (-3.7, -14.4), Raj (+1.5, +13.4), UP (-1.9, -24.2)	
Lentil	14.44	12.59	87.2	14.32	-1.74	-12.1	Bih (-0.7, -29.3), MP (-0.5, -10.1), UP (-0.8, -13.7), WB (+0.3, +66.7)	
Peas	7.18	5.95	83.0	7.22	-1.27	-17.6	MP (-0.4, -20.3), UP(-1.0, -24.8)	
Kulthi(Horse Gram)	3.20	4.90	152.9	5.85	-0.95	-16.2	Kar (-1.1, -47.6), TN(+0.2, +53.5)	
Urad	7.53	5.34	70.9	4.97	0.37	7.5	AP (+0.4, +20.4), Ass (+0.4, +100.0), Ori (-0.1, -8.0), TN (-0.3, -27.1)	
Moong	6.04	4.31	71.3	2.60	1.71	65.8	Bih (+1.6, +100.0), WB(+0.1, +100.0)	
Lathyrus	6.49	4.57	70.4	4.10	0.48	11.6	WB (+0.5, +100.0)	
Total Pulses	113.53	113.49	100.0	121.46	-7.97	-6.6	AP (+0.4, +4.2), Bih (+0.7, +13.8), Guj (+0.4, +20.0), Kar (-2.0, -19.3), MP (-4.5, -13.5), Maha(-0.2, -1.6), Raj (+1.4, +12.2), TN (-0.9, -24.5), UP (-3.7, -20.7), Uttran(-0.2, -100.0), WB (+0.6, +45.3)	
Total Foodgrains	477.12	382.71	80.2	420.26	-37.55	-8.9		
Rapeseed & Mustard	59.28	57.25	96.6	64.27	-7.02	-10.9	Ass (-0.4, -14.3), Bih (-0.4, -24.4), Guj (-0.3, -8.6), Har (-0.5, -7.9), Raj (-5.2, -17.9), UP (+0.1, +1.0), WB (-0.4, -8.0)	
Groundnut	8.16	3.46	42.4	3.64	-0.18	-4.9	AP (+0.2, +12.5), Ori (+0.1, +12.5), TN (-0.5, -31.3)	
Safflower	3.74	2.82	75.3	3.36	-0.54	-16.1	Kar (-0.1, -17.6), Maha (-0.4, -16.0),	
Sunflower	12.16	8.30	68.3	9.86	-1.56	-15.8	AP (-0.3, -11.6), Kar (-0.8, -15.8), Maha (-0.4, -23.3),	
Sesamum	16.77	0.56	3.3	0.54	0.02	3.7	AP (-0.1, -64.3), TN (+0.1, +166.7)	
Linseed	4.70	4.21	89.6	4.60	-0.39	-8.5	Chhat (-0.1, -9.9), Maha(-0.1, -19.7), UP (-0.1, -24.4)	
Total Oilseed (Nine)	88.04	77.39	87.9	87.29	-9.90	-11.3	AP (-0.2, -4.3), Ass (-0.3, -13.2), Bih (-0.5, -23.0), Har(-0.5, -7.9), Guj (-0.3, -8.6), Kar (-1.0, -15.5, Maha (-1.0, -20.1), Raj (-5.2, -17.9), TN (-0.3, -18.2), WB (-0.4, -9.0)	
All- Crops	565.15	460.10	81.4	507.55	-47.45	-9.3		

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 01.12.2007 increased by 0.74% percentage points to 3.75% from the previous week level of 3.01%. The inflation rate was 5.36% during the corresponding period last year.

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

(Rs. Per Kg.)						
Items	Current price 13.12.07	1 week ago 06.12.07	Fortnight ago 29.11.07	1 month ago 13.11.07	1 year ago 13.12.06	% Variation 13.12.07 over 13.12.06
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	16.00	16.00	16.00	16.00	14.50	10.3
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	36.00	35.00	39.00	-7.7
Tur Dal	42.00	42.00	42.00	40.00	33.00	27.3
Sugar	17.00	17.00	17.00	17.00	20.00	-15.0
Groundnut Oil	121.00	121.00	121.00	120.00	92.00	31.5
Mustard Oil	66.00	64.00	64.00	63.00	58.00	13.8
Vanaspati	62.00	62.00	62.00	61.00	56.00	10.7
Tea (Loose)	109.00	109.00	109.00	110.00	109.00	Steady
Milk	20.00	20.00	20.00	20.00	17.00	17.6
Potato	9.00	9.00	9.00	13.00	9.00	Steady
Onion	10.00	12.00	13.50	15.50	9.00	11.1

- 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, Vanaspati, Tea (Loose), Milk and Potato remained at the same level as they were last week. Rise in price was noted in Mustard Oil (Rs. 2.00 per kg, 3.1%). Fall in price was noted in **Onion** (Rs. 2.00 per kg, 16.7%).

As compared to the last year, prices of Wheat, Atta, Tea (Loose) and Potato remained steady. Increase in prices was noted in **Rice** (Rs. 1.50 per kg, 10.3%), **Tur dal** (Rs. 9.00 per kg, 27.3%), **Mustard Oil** (Rs. 8.00 per ltr., 13.8%), **Groundnut oil** (Rs. 29.00 per ltr, 31.5%), **Vanaspati** (Rs. 6.00 per ltr, 10.7%), **Milk** (Rs. 3.00 per ltr, 17.6%) and **Onion** (Re. 1.00 per kg, 11.1%) and decrease in price of **Gram dal** (Rs. 3.00 per kg,(-7.7%) and **Sugar** (Rs. 3.00 per kg, (-)15.0%) was observed.

Procurement :

Table – 6: Progressive procurement of Rice as on 14.12.2007 (lakh tonnes)

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 14.12.2007	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	4.09	5.62
Chhattisgarh	28.58	6.33	8.40
Haryana	17.73	14.73	16.37
Kerala	1.51	0.52	0.47
Maharashtra	0.96	0.32	0.32
Orissa	19.93	3.09	1.66
Punjab	78.28	70.61	71.50
Tamil Nadu	10.78	0.00	2.08
Uttar Pradesh	25.49	4.95	4.44
Uttaranchal	1.76	0.43	0.14
West Bengal	6.44	0.05	-
All-India	250.75	105.42	111.29