

**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 03rd January, 2008

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 28.12.2007.**

Presentations in the meeting

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

**Post- Southwest Monsoon (Northeast Monsoon) Rainfall during the week ending on 26th
December, 2007**

- **Fairly widespread rain/thundershowers with isolated heavy to very heavy falls** occurred over Tamil Nadu & Pondicherry, South Coastal Andhra Pradesh and Rayalseema on 20th and 21st December, 07 and over Lakshadweep on 21st and 22nd December, 07.
- **Isolated to scattered rainfall** also occurred over Lakshadweep on 20th December, 07 and Coastal Karnataka on 20th & 21st December, 07 and Andaman & Nicobar Islands and Tamil Nadu & Pondicherry on 22nd December, 07.
- **Isolated rain / snow** occurred over Jammu & Kashmir on 21st and 22nd December, 07 and over Rajasthan on 24th December, 07.
- **Out of 36 meteorological sub-divisions, rainfall during the week was in excess / normal in 6, deficient / scanty in 7 sub-divisions and no rain in 23 met sub-divisions.**

Cumulative seasonal rainfall (1st October to 26th December, 2007)

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 9 and deficient / scanty in 27 sub-divisions.**

Table-1: Cumulative Rainfall from 01st to 26th December, 07 in four regions of the country ¹

Region	Actual (in mm)	Normal (in mm)	Deviation (%)	Category
North-West India	15.2	58.9	-74	Scanty
Central India	31.6	79.2	-60	Scanty
South Peninsular India	255.3	266.0	-4	Normal
North-East India	125.9	158.8	-21	Deficient
Country as a whole	85.6	122.4	-30	Deficient

Source: India Meteorological Department, New Delhi

TEMPERATURE

- The minimum temperatures were above normal by 2-5°C over many parts of West, Central and adjoining areas of Northwest India during the week.
- They were above normal by 2-5°C over many parts of Peninsular India on first two days of the week. Consequent upon the gradual fall, they became below normal by 2-5°C over some parts on 23rd December, 07 and over many parts thereafter.
- They were below normal by 2-5°C over Gangetic West Bengal, Orissa, Jharkhand and East Uttar Pradesh on a few days of the week. Cold wave conditions also prevailed over East Uttar Pradesh, Jharkhand and Gangetic West Bengal on 1 or 2 days during the week
- They were near normal over remaining parts of the country during many days of the week

Fog

- **Fog condition in morning hours developed over many parts of Northwest India on 20th December, 07 and during 23rd to 26th December, 07. Fog condition in morning hours also developed over many parts of Uttar Pradesh, Bihar & West Bengal during 23rd to 26th December, 07.**

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 28th December, 2007 – 03rd January, 2008 by IMD & NCMRWF

Outlook for the Week Ending 02nd January, 2008

- *A Western Disturbance is likely to approach Northwest Indian region within next 24-36 hours..*
- *Under the influence of expected Westerly trough, night temperatures over Northwest India are likely to remain nearly unchanged during next 2 days but subsequently fall by about 3-4 degree C. during 31st December, 07 and 1st January, 2008.*
- *Fog conditions in morning hours are likely over some parts of Indo-Gangetic plains.*
- *Fall in night temperatures are likely over Northwest India during second half of the week.*

Zone-wise Weather Forecast:

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

- *J&K and H.P. are expected to receive isolated to scattered snowfall/rainfall during 28th –30th 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 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)

- *Scattered rain / thundershower is likely over Tamil Nadu and Kerala during 30th –31st December, 07.*
- *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 27.12.2007)

- 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 95.92 BCM. However, current storage is less than the last year's position of 102.11 BCM and more than the average of last 10 year's storage of 80.74 BCM.

Table – 2: For 81 major reservoirs of the country

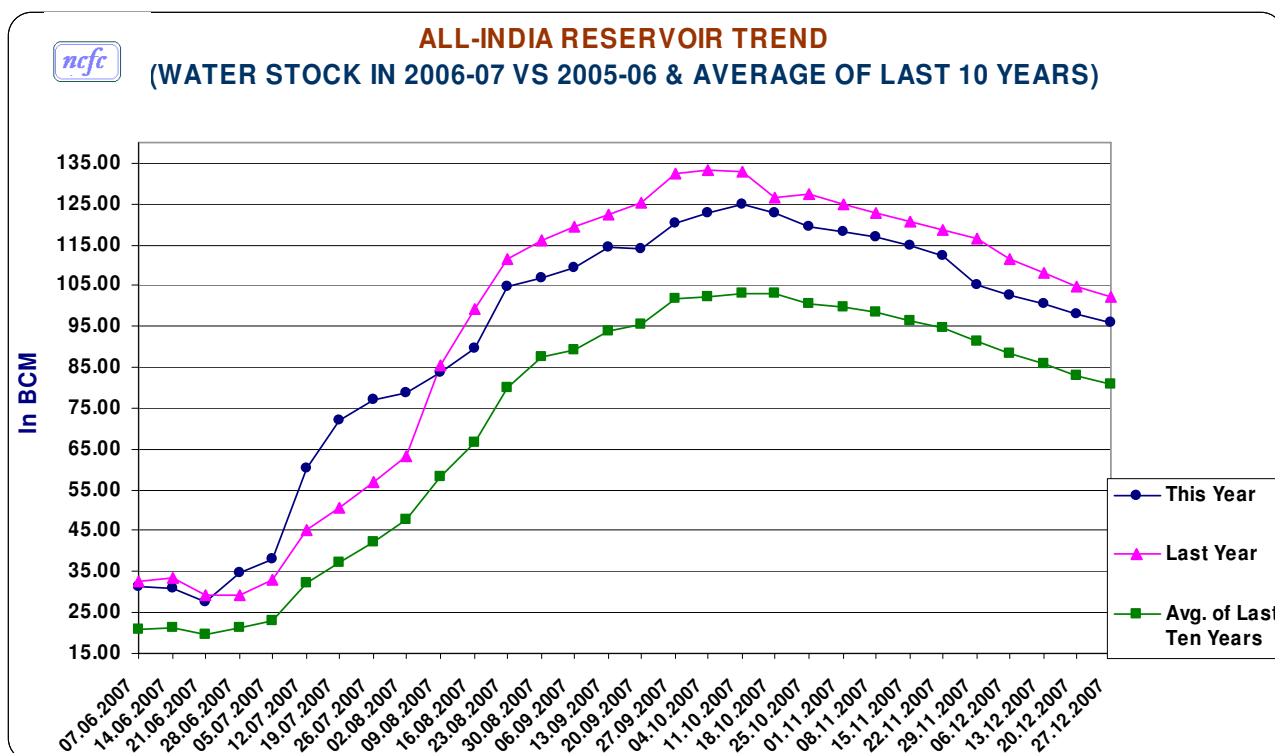
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	63	94	119
Last Week	65	93	118

The percentage to live capacity at FRL was 67% on 27/12/2006, 61% on 27/12/2005, 42% on 27/12/2004 and 40% on 27/12/2003 .

* 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%, 4 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 16th December, 2007

(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>2692</i>	<i>460</i>	<i>306</i>
<i>Availability during 1st to 16th Dec., 07</i>	<i>3391</i>	<i>1193</i>	<i>263</i>
<i>Sales during 1st to 16th Dec., 07</i>	<i>1009</i>	<i>370</i>	<i>76</i>
<i>Closing Stock as on 16.12.2007</i>	<i>2382</i>	<i>823</i>	<i>187</i>
<i>Requirement for December, 2007</i>	<i>3325</i>	<i>705</i>	<i>337</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 28-12-2007							
Crop Name	Normal Area	Area sown reported			Change vis-a-vis prev. year		Remarks
		This Year	% of Normal	Last Year	Absolute	Percentage	
Wheat	262.00	249.34	95.2	263.31	-13.97	-5.3	Bih (-0.5, -2.4), Chhat(-0.4, -26.8), Guj (+2.1, +18.9), HP (-0.7, -20.2), J&K (-1.0, -48.3), MP (-5.4, -14.0), Pun (+1.6, +4.7), Raj (-0.9, -4.2), UP (-8.5, -9.5), WB (+0.5, +14.3)
Rice	37.32	4.01	10.7	3.99	0.02	0.5	TN (+0.1, +9.6)
Jowar	50.29	46.16	91.8	47.12	-0.96	-2.0	AP(-0.4, -14.6), Kar (-0.3, -2.5), Maha (-1.6, -5.3), TN (+1.4, +63.6)
Maize	7.45	9.78	131.2	7.41	2.37	32.0	AP (+0.7, +47.8), Bih (+1.1, +55.0), Raj (+0.6, +483.3)
Barley	6.53	6.86	105.1	6.39	0.47	7.4	MP (-0.1, -19.3), Raj (+0.6, +25.0), UP(-0.1, -5.9), WB (+0.1, +233.3)
Total Coarse Cereals	64.27	64.57	100.5	62.96	1.61	2.6	AP (+0.3, +6.5), Bih (+1.1, +53.6), Kar (-0.4, -2.9), Maha (-1.6, -5.2), Raj (+0.5, +21.7), TN (+1.8, +38.4)
Total Cereals	363.59	317.92	87.4	330.26	-12.34	-3.7	
Gram	66.02	75.12	113.8	76.52	-1.41	-1.8	Ass (-0.4, -100.0), Guj (+2.5, +100.0), Kar (-0.8, -9.8), MP (-3.3, -12.4), Maha(+0.7, +7.2), Raj (+1.2, +10.4), UP (-1.7, -22.0)
Lentil	14.44	13.59	94.1	14.74	-1.16	-7.8	Bih (-0.3, -13.6), MP (-0.5, -9.1), UP (-0.7, -11.0), WB (+0.3, +66.7)
Peas	7.18	6.54	91.1	7.52	-0.98	-13.0	MP (-0.4, -18.1), UP(-0.8, -19.2), WB (+0.2, +800.0)
Kulthi(Horse Gram)	3.20	5.39	168.3	5.98	-0.59	-9.8	Kar (-1.0, -41.7), TN (+0.4, +116.2)
Urad	7.53	6.76	89.8	5.42	1.34	24.6	AP (+1.0, +48.1), Ass (+0.4, +100.0), TN (-0.1, -9.8)
Moong	6.04	3.16	52.3	3.00	0.16	5.4	AP (+0.2, +24.6), Ori (+0.2, +11.0), TN(-0.3, -34.8)
Lathyrus	6.49	4.89	75.4	4.51	0.38	8.4	WB (+0.5, +100.0)
Total Pulses	113.53	121.32	106.9	124.32	-3.00	-2.4	AP (+1.4, +14.3), Bih (-0.3, -5.7), Guj (+2.9, +100.0), Kar (-1.7, -16.3), MP (-4.0, -11.7), Maha (+0.7, +6.1), Ori (+0.3, +4.3), Raj (+1.2, +9.6), TN (-0.6, -17.1), UP (-3.1, -17.6), WB (+0.7, +53.1)
Total Foodgrains	477.12	439.24	92.1	454.58	-15.34	-3.4	
Rapeseed & Mustard	59.28	59.55	100.5	65.36	-5.81	-8.9	Bih (-0.3, -20.6), Guj (-0.2, -5.8), Har (-0.5, -7.9), Raj (-5.0, -17.2), UP (+0.3, +3.2), WB (+0.2, +3.4)
Groundnut	8.16	4.53	55.5	4.40	0.13	3.0	AP (+0.4, +24.2), TN (-0.2, -10.2)
Safflower	3.74	2.87	76.7	3.38	-0.51	-15.1	Kar (-0.1, -13.5), Maha (-0.4, -16.0),
Sunflower	12.16	8.63	71.0	10.33	-1.70	-16.5	AP (-0.2, -7.2), Kar (-1.0, -17.5), Maha (-0.5, -25.4),
Sesamum	16.77	0.74	4.4	0.87	-0.13	-14.9	AP (-0.1, -66.7)
Linseed	4.70	4.69	99.9	4.95	-0.26	-5.3	Maha(-0.2, -23.0), UP (-0.1, -24.4)
Total Oilseed (Nine)	88.04	81.94	93.1	90.43	-8.49	-9.4	Ass (-0.2, -6.3), Bih (-0.4, -18.4), Har(-0.5, -7.9), Kar (-1.1, -16.5), Maha (-1.1, -21.7),Raj (-5.0, -17.2)
All- Crops	565.15	521.18	92.2	545.01	-23.83	-4.4	

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 15.12.2007 decreased by 0.20% percentage points to 3.45% from the previous week level of 3.65%. The inflation rate was 5.73% during the corresponding period last year.

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

(Rs. Per Kg.)

Items	Current price 27.12.07	1 week ago 20.12.07	Fortnight ago 13.12.07	1 month ago 27.11.07	1 year ago 27.12.06	% Variation 27.12.07 over 27.12.06
(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	38.00	-5.3
Tur Dal	42.00	42.00	42.00	41.00	33.00	27.3
Sugar	17.00	17.00	17.00	17.00	19.00	-10.5
Groundnut Oil	121.00	121.00	121.00	121.00	92.00	31.5
Mustard Oil	66.00	66.00	66.00	64.00	58.00	13.8
Vanaspati	62.00	62.00	62.00	60.00	56.00	10.7
Tea (Loose)	109.00	109.00	109.00	109.00	109.00	Steady
Milk	20.00	20.00	20.00	20.00	17.00	17.6
Potato	9.00	9.00	9.00	10.00	6.00	50.0
Onion	10.00	10.00	10.00	14.00	11.00	-9.1

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of the essential agricultural commodities namely Rice, Wheat, Atta, Gram dal, Tur dal, Sugar, Groundnut oil, Mustard oil, Vanaspati, Tea (Loose), Milk, Potato and Onion.

As compared to the last year, prices of Wheat, Atta and Tea (Loose) 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 **Potato** (Rs. 3.00 per kg, 50.0%) and decrease in price of **Gram dal** (Rs. 2.00 per kg, (-)5.3%), **Sugar** (Rs. 2.00 per kg, (-)10.5%) and **Onion** (Rs. 1.00 per kg, (-)9.1%) was observed.

Procurement :**Table – 6: Progressive procurement of Rice as on 28.12.2007 (lakh tonnes)**

State	Total procurement in marketing season 2006-07 (Oct. – Sept.)	Progressive Procurement as on 28.12.2007	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Andhra Pradesh	53.27	9.62	9.96
Chhattisgarh	28.58	10.48	12.00
Haryana	17.73	15.04	16.79
Kerala	1.51	0.54	0.48
Maharashtra	0.96	0.57	0.39
Orissa	19.93	4.59	3.48
Punjab	78.28	72.34	72.42
Tamil Nadu	10.78	0.00	2.21
Uttar Pradesh	25.49	7.03	5.53
Uttaranchal	1.76	0.74	0.57
West Bengal	6.44	0.46	0.06
All-India	250.75	121.94	124.39