

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 18th July, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 13.07.2007.**

Presentations in the meeting

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

Rainfall during the week ending on 11th July, 2007

- **Southwest Monsoon was vigorous /active** over East Rajasthan and Gujarat region during many days and over West Rajasthan, Konkan & Goa and Madhya Maharashtra, Gangetic West Bengal, Jharkhand, Orissa, Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh on a few days of the week.
- **Scattered heavy to very heavy falls with isolated extremely heavyfalls** also occurred over Gujarat region , Gangetic West Bengal, Orissa, West MP and Rajasthan on a few days.
- **Fairly widespread / widespread rainfall** also occurred over West Madhya Pradesh during many days and East Madhya Pradesh & Chhattisgarh on a few days of the remaining period of the week.
- It was **active / vigorous** over Kerala, Karnataka and Vidarbha during a few days of the week.
- **Southwest monsoon was active** over Western Himalayan region on 6th, 8th and 9th July, 07 when **fairly widespread rain / thundershower with isolated heavy falls** occurred over this region.
- **Fairly widespread / widespread rainfall** occurred over Andaman & Nicobar Islands and Nagaland, Manipur, Mizoram & Tripura during many days; over Assam & Meghalaya, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim and Bihar on a few days of the week.
- **Isolated to scattered rainfall** occurred over remaining parts of the country.

Warning: Scattered heavy falls are likely over Orissa, Uttar Pradesh, Bihar, Jammu Division of Jammu & Kashmir, Himachal Pradesh and Uttaranchal during 13th –15th July, 07.

- **Out of 36 meteorological sub-divisions, rainfall during the week was in excess /**

normal in 18 and deficient / scanty in 18 sub-divisions.

Cumulative seasonal rainfall (1st June to 11th July, 2007)

- Out of 36 meteorological sub-divisions, rainfall during the week was in excess / normal in 29, deficient / scanty in 7 sub-divisions.

Table-1: Cumulative Rainfall from 01st to 11th July, 07 in four regions of the country¹

Region	Actual (in mm)	Normal (in mm)	Deviation (%)	Category
North-West India	162.6	131.5	24	Excess
Central India	394.1	281.1	40	Excess
South Peninsular India	316.5	235.2	35	Excess
North-East India	413.5	509.8	(-)19	Normal
Country as a whole	310.8	262.6	18	Normal

Source: IMD

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 13th – 19th July, 2007 by IMD & NCMRWF

Outlook for the Week Ending on 18th July, 2007

- *A low pressure area is likely to form over North Bay of Bengal around 13th July, 07. Under its influence, increase in rainfall activity is likely over East & adjoining central India during 13th – 15th July, 07.*
- *Increase in rainfall activity over plains of Northwest India.*
- *Model prediction suggest that present westerly trough over hilly regions of NW India is likely to move slowly in Eastward direction. Under its influence fairly widespread to widespread rain is expected over J&K, H.P. and Uttarakhand and adjoining part of plains of viz. Punjab, Haryana, Delhi and West UP scattered showers during 13th – 15th July, 07.*
- *Fairly widespread to widespread rains are likely along foot hills of Himalaya during 13th – 14th July, 07. Rainfall is likely to be subdued over West Central and Peninsula except West Coast during 13th – 16th July, 07 and increase subsequently over Peninsula.*

Zone-wise Weather Forecast:

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

- *Fairly widespread rainfall is likely over J&K, H.P. and Uttaranchal during 13th – 15th July, 2007. Scattered showers are likely over rest of region during the period.*

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

- *Scattered rainfall is likely over Bihar and East UP during 13th – 14th July, 2007. Thereafter, it is expected to enhance.*
- *Fairly widespread rainfall with isolated heavy falls is likely over NE States during 13th – 16th July, 07.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Scattered rain is likely over Chhattisgarh.*
- *Rest of the region is likely to experience isolated rains only.*

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

- *Fairly widespread to widespread rainfall is likely over Andaman & Nicobar Islands, Coastal Karnataka and Kerala during 13th – 17th July, 07.*
- *Rest of the region may receive isolated to scattered rainfall during 13th – 16th July, 07.*

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

- *Scattered rainfall is likely over South Rajasthan, Gujarat, Saurashtra & Kutch, Konkan & Goa and Madhya Maharashtra during 13th – 14th July, 07 then reduce thereafter.*

Reservoir Status (For the week ending on 12.07.2007)

- The **Central Water Commission** monitors the live storage of **78** important/major reservoirs, having Full Reservoir Level (FRL) of **134.242** billion cubic meters (BCM), which is about 64% of total reservoir capacity in the country.
- Water stock in 78 major reservoirs increased to 60.21 BCM. The current storage is more than the last year's position of 45.35 BCM (76 Reservoirs) and more than the average of last 10 year's storage of 32.31 BCM (76 Reservoirs).

Table – 2: For 78 major reservoirs of the country

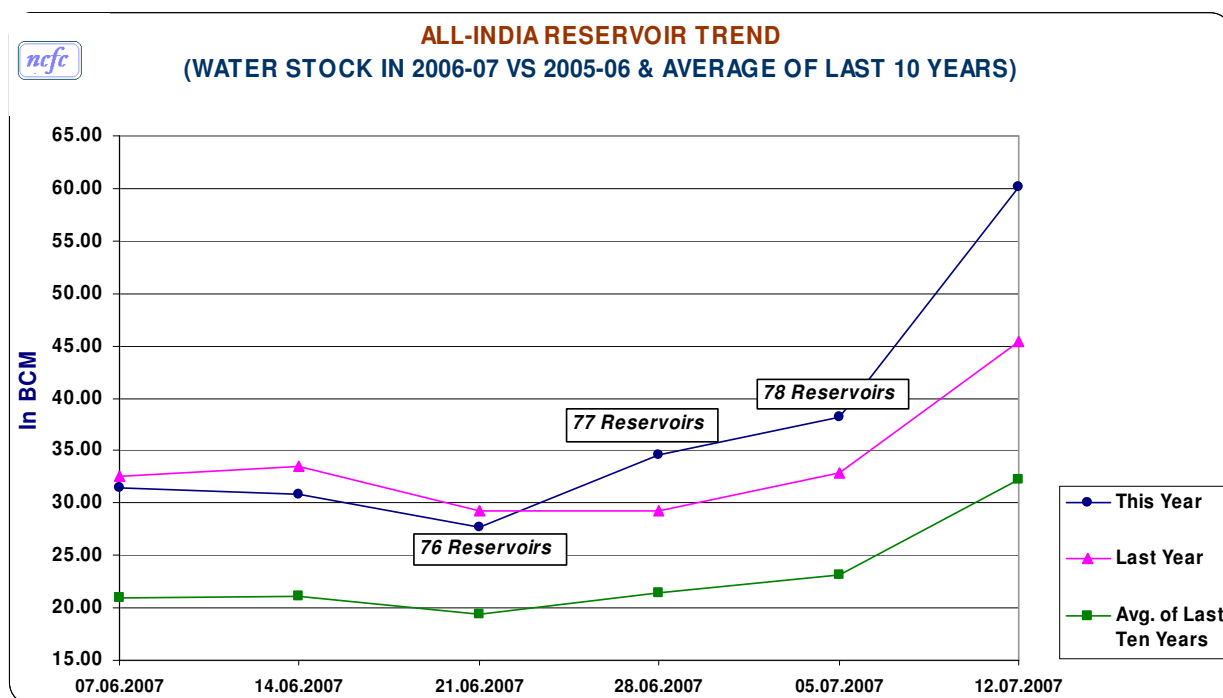
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	45	133	186
Last Week	28	116	165

The percentage to live capacity at FRL was 34% on 12/07/2006, 29% on 12/07/2005 and 20% on 12/07/2004.

* Live storage as % to Full Reservoir Level (FRL) of 134.24 Billion Cub. Mts.(BCM)

Source: CWC

- There were 69 reservoirs having storage more than 80%, 4 reservoirs having storage between 50% to 80% and one reservoir having storage between 30% to 50% of Normal Storage.
- There were three reservoirs namely Shetrunji (Guj), Vanivilas Sagar (Kar) and Rihand (UP) having storage less than 30% of normal and there was no live storage in one reservoir namely Sriramsagar (A.P.).



Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during 01st to 08th July, 2007

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Requirement for July, 2007</i>	<i>2838</i>	<i>797</i>	<i>318</i>
<i>Availability during 01st to 08th July, 07</i>	<i>2988</i>	<i>953</i>	<i>447</i>
<i>Sales during 01st to 08th July, 07</i>	<i>694</i>	<i>158</i>	<i>51</i>
<i>Closing Stock as on 08.07.2007</i>	<i>2294</i>	<i>795</i>	<i>396</i>

Source: Fertilizer Division (DAC)/Deptt. of Fertilizer

Pest & Diseases:

Locust Situation in India

- As per the information received from PPO (E), LWO, Circle Office, Bhuj, there is no fresh report of any locust swarm movement / settling and population development from any district of Gujarat State except in Lalchhatta village of Lakhpat area of district Bhuj where the scattered population was observed at the density of 7-8 adults per hectare. The teams are camping in the locust threat prone areas of district Kutch (Bhuj) of Gujarat to detect any locust buildup and swarm invasion.
- No shortage of Chemical / Bio-pesticides reported from any State / UT.

Table:4

All India Crop Situation - Kharif (2007-08) as on 13-07-2007							(In lakh hectares)	
Crop Name	Normal Area	Area sown reported			Change vis-a-vis prev. year		Remarks	
		This Year	% of Normal	Last Year	Absolute	Percentage		
		Changes in major States (abs. %)						
Rice	381.89	54.40	14.2	54.96	-0.6	-1.0	AP (+0.3, +35.2), Chhat (-1.5, -26.4), Jhar (+0.5, +127.0), MP (+0.8, +47.9), Ori (-0.3, -2.9), Pun (-1.1, -11.6), TN (-0.2, -14.8), UP (+0.9, +23.1)	
Jowar	44.28	17.85	40.3	16.74	1.1	6.6	Kar (-0.2, -5.4), MP (+0.3, +15.9), Maha(+0.5, +5.6), Raj(+0.2, +14.9), UP (+0.2, +105.9)	
Bajra	93.89	24.90	26.5	26.48	-1.6	-5.9	Guj (+0.4, +43.7), Har (+1.6, +69.6), Kar (-0.8, -26.6), Mah (-1.3, -15.1), Raj (-0.9, -8.3), UP(-0.6, -88.9)	
Maize	62.16	33.17	53.4	39.14	-6.0	-15.2	AP(+0.8, +23.0), Chhat(-0.2, -25.8), Guj (-1.4, -66.1), Kar (+0.2, +3.5), MP (-1.0, -21.5), Raj (-3.6, -69.9), UP (-1.9, -46.8)	
Total Coarse Cereals	228.86	80.36	35.1	86.25	-5.9	-6.8	AP (+1.1, +22.7), Guj (-0.9, -28.7), Kar (-0.8, -6.5), MP (-0.8, -11.8), Maha (-0.5, -2.3), Pun (+0.4, +25.7), Raj (-4.3, -25.8), UP (-2.3, -47.0)	
Total Cereals	610.75	134.76	22.1	141.21	-6.4	-4.6		
Cotton	83.44	69.05	82.8	58.01	11.0	19.0	AP (+3.2, +58.1), Guj (+3.0, +31.0), Har (-0.4, -8.3), Maha (+4.6, +21.4), Pun(+0.4, +6.8), Raj (+0.5, +14.8)	
Sugarcane	41.70	44.37	106.4	48.13	-3.8	-7.8	AP (-0.3, -11.8), Bih (+0.2, +9.1), Kar (-0.9, -29.4), Maha(-0.7, -11.9), TN (+0.6, +16.0), UP (-3.1, -12.8),	
Jute	8.38	7.88	94.1	8.18	-0.3	-3.6	WB (-0.4, -5.9)	
Tur	34.71	14.98	43.2	16.24	-1.3	-7.7	AP (+0.6, +47.6), Bih (-0.6, -100.0), MP (-0.7, -41.1), Maha (+1.8, +30.7), Ori (-0.3, -68.3), UP (-1.7, -100.0)	
Urd	26.14	8.35	31.9	9.95	-1.6	-16.1	Bih (-0.2, -100.0), Kar (+0.7, +70.2), MP (-1.7, -71.0), Maha (+0.8, +22.8), Ori (-0.3, -88.9), Raj (-0.6, -90.1), UP (-0.2, -24.4)	
Moong	26.16	13.41	51.3	14.43	-1.0	-7.1	AP (+0.7, +50.7), Guj (-0.3, -28.5), Maha (+1.3, +34.8), Raj (-2.8, -70.6), UP (+0.4, +773.3)	
Others	22.64	3.43	15.1	7.26	-3.8	-52.8		
Total Pulses	108.62	40.17	37.0	47.89	-7.7	-16.1	AP (+1.5, +48.3), Bih (-1.0, -100.0), MP (-2.8, -57.4), Maha (+3.5, +24.9), Ori (-0.9, -77.1), Raj (-6.2, -72.8), UP (-1.5, -57.3)	
Total Foodgrains	719.37	174.93	24.3	189.10	-14.2	-7.5		
Groundnut	54.84	26.76	48.8	24.68	2.1	8.4	AP (+1.9, +98.4), Guj (+1.1, +8.0), Maha (-0.3, -15.6), UP(-0.2, -44.7)	
Soyabean	65.98	57.37	87.0	50.38	7.0	13.9	Chhat (+0.5, +306.3), Guj (-0.1, -24.4), MP (+0.5, +1.4), Maha (+5.8, +47.4), Raj (+0.5, +21.4)	
Sunflower	5.49	3.69	67.2	4.81	-1.1	-23.3	AP (+0.1, +32.4), Kar (-1.0, -25.8), Maha (-0.3, -50.9)	
Sesamum	15.40	5.21	33.8	5.41	-0.2	-3.7	Kar (-0.2, -20.7)	
Niger	4.39	0.31	7.1	0.37	-0.1	-16.2	Kar (-0.1, -41.7)	
Castor	7.68	1.85	24.1	1.77	0.1	4.5	AP (+0.3, +31.0), Raj (-0.1, -62.5)	
Total Oilseed (Nine)	153.78	95.19	61.9	87.42	7.8	8.9	AP (+2.5, +52.1), Guj (+0.8, +4.7), Kar (-1.4, -16.1), MP (+0.4, +1.0), Maha (+5.2, +33.2)	
All- Crops	873.15	270.12	30.9	276.52	-6.4	-2.3		

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 30.06.2007 increased by 0.14 percentage points to 4.27% from the previous week's level 4.13%.

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

						(Rs. Per Kg.)
Items	Current price 12.07.07	1 week ago 05.07.07	Fortnight ago 28.06.07	1 month ago 12.06.07	1 year ago 12.07.06	% Variation 12.07.07 over 12.07.06
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	15.00	15.00	15.00	15.00	14.00	7.1
Wheat	11.00	11.00	11.00	11.00	10.00	10.0
Atta	12.00	12.00	12.00	12.00	11.00	9.1
Gram Dal	33.00	33.00	33.00	33.00	30.00	10.0
Tur Dal	39.00	39.00	38.00	38.00	32.00	21.9
Sugar	17.00	17.00	17.00	17.00	21.00	-19.0
Groundnut Oil	103.00	103.00	103.00	103.00	85.00	21.2
Mustard Oil	60.00	60.00	58.00	57.00	49.00	22.4
Vanaspati	58.00	57.00	57.00	57.00	49.00	18.4
Tea (Loose)	106.00	106.00	106.00	106.00	108.00	-1.9
Milk	18.00	18.00	18.00	18.00	16.00	12.5
Potato	13.00	13.00	12.00	11.00	10.00	30.0
Onion	14.00	13.00	12.00	10.00	9.00	55.6

- 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, Sugar, Tur dal, Sugar, Groundnut oil, Mustard oil, Tea (Loose), Milk and Potato remained at the same level as they were last week. Rise in prices was noted in **Vanaspati** (Re. 1.00 per kg, 1.8 %), and **Onion** (Re. 1.00 per kg, 7.7 %).

As compared to the last year, increase in prices was noted in **Rice** (Re. 1.00 per kg, 7.1%), **Wheat** (Re. 1.00 per kg, 10.0%), **Atta** (Re. 1.00 per kg, 9.1%), **Gram Dal** (Rs. 3.00 per kg, 10.0%), **Tur dal** (Rs. 7.00 per kg, 21.9%), **Mustard Oil** (Rs. 11.00 per ltr., 22.4%), **Groundnut oil** (Rs. 18.00 per ltr, 21.2%), **Vanaspati** (Rs. 9.00 per ltr, 18.4%), **Milk** (Rs. 2.00 per ltr, 12.5%), **Potato** (Rs. 3.00 per kg, 30.0%) and **Onion** (Rs. 5.00 per kg, 55.6%) and decrease in price of **Sugar** (Rs. 4.00 per kg, (-)19.0%) and **Tea (Loose)** (Rs. 2.00 per kg (-)1.9%) were observed.

Procurement :

Table – 6: Progressive procurement of Rice as on 12.07.2007 (lakh tonnes)

State	Total procurement in marketing season 2005-06 (Oct. – Sept.)	Progressive Procurement as on 12.07.2007	
		In Marketing season 2006-2007	In Marketing season 2005-2006
Andhra Pradesh	49.72	54.82	44.76
Chhattisgarh	32.65	27.67	31.05
Haryana	20.54	17.73	20.40
Kerala	0.94	1.51	0.94
Maharashtra	1.94	0.97	1.45
Orissa	17.85	19.29	15.65
Punjab	88.55	78.20	88.41
Tamil Nadu	9.26	10.73	8.33
Uttar Pradesh	31.51	21.01	25.62
Uttaranchal	3.36	1.76	3.28
West Bengal	12.75	5.72	12.43
All-India	276.56	245.49	259.41

Table – 7: Progressive procurement of Wheat as on 29.06.2007 (lakh tonnes)

State	Total procurement in marketing season 2006-07 (Apr - Mar)	Progressive Procurement as on 29.06.2007	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Punjab	69.46	67.57	69.46
Haryana	22.29	33.46	22.29
Uttar Pradesh	0.49	5.29	0.47
Rajasthan	0.02	3.83	0.02
Uttaranchal	0.00	0.02	0.00
Madhya Pradesh	0.00	0.57	0.00
All-India	92.25	110.82	92.23

Source: Department of Food & Public Distribution.