

**F.NO. 3-1/2008-NCFC – E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(NATIONAL CROP FORECASTING CENTRE)**

Room no. 344-A, Krishi Bhawan, New Delhi
Dated, the 22nd January, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 16.01.2009.**

Summary observations of the Group on Agenda Item

- *Cumulative rainfall received for the country as whole, during the period 1st January, 2009 to 14th January, 2009 was 3.1 mm.*
- *Under the influence of western disturbance, isolated to scattered precipitation occurred over western Himalayan region & adjoining northern plains during first half of the week. Dense fog conditions prevailed in morning hours over many parts of Indo-Gangetic plains during the week.*
- *Maximum Temperature anomaly ranged between 2 to 4^oC over most parts of Himachal Pradesh, some parts of Jammu & Kashmir, Uttarakhand, Northeast India, Vidarbha, Coastal Andhra Pradesh and Lakshadweep Islands, -2 to 0^oC over most parts of Punjab, Haryana, Delhi, South Uttar Pradesh, West Rajasthan, Gangetic West Bengal, Gujarat, Saurashtra & Kutch, and South Madhya Pradesh, some parts of Jammu & Kashmir, Bihar, Jharkhand, East Rajasthan, Chhattisgarh, Madhya Maharashtra, Interior Andhra Pradesh, Interior Karnataka, Kerala, Tamil Nadu and Andaman & Nicobar Islands and -4 to -2^oC over most parts of East Rajasthan and North Madhya Pradesh, some parts of Uttar Pradesh, Gujarat and West Rajasthan, 0 to 2^oC over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 4 to 6^oC over some parts of East Uttar Pradesh, East Madhya Pradesh and Madhya Maharashtra, 0 to 2^oC over most parts of Himachal Pradesh, Uttarakhand, North Uttar Pradesh, Haryana, Delhi, Sub-Himalayan West Bengal & Sikkim, South Orissa, Andhra Pradesh, Tamil Nadu, Kerala and Andaman & Nicobar Islands, some parts of Jammu & Kashmir, Punjab, Bihar, Jharkhand, Northeast India, Rajasthan, Gujarat, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Marathwada, East Madhya Pradesh, Chhattisgarh, Karnataka, and Lakshadweep Islands, -2 to 0^oC over most parts of Jammu & Kashmir, Arunachal Pradesh, Nagaland and Lakshadweep Islands, some parts of Punjab, Haryana, East Uttar Pradesh, Bihar, Assam, Andhra Pradesh, Karnataka, Kerala and Tamil Nadu 2 to 4^oC over remaining parts of the country.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has gone down from 78.23 BCM on 07.01.2009 to 75.04 BCM on 14.01.2009.*
- *Area sown reported till 16.01.09 under Coarse Cereals, Pulses and Oilseeds during Rabi season was 106%, 116% and 99% of the normal area respectively.*

- *As on 16.01.09, area sown under all rabi crops taken together has been reported to be 577.26 lakh hectares at All India level as compared to 556.38 lakh hectares in the corresponding period of 2007.*
- *Area reported was higher by 1.6 lakh ha. under wheat, 4.6 lakh ha. under Jowar, 7.0 lakh ha. under Gram, 1.7 lakh ha. under Lentil, 2.0 lakh ha. under Peas and 7.5 lakh ha. under Rapeseed & Mustard.*
- *Seed position is reported to be comfortable. The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*
- *The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 03.01.2009 decreased to 5.24% from the previous week's level of 5.91%. The inflation rate was 4.26% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 03.01.2009 increased to 9.55% from the previous week's level of 9.17%. Among the foodgrains, inflation for Pulses has increased to 14.29% from the previous week's level of 13.86%, Rice to 12.30% from the previous week's level of 12.29%, Cereals to 8.85% from the previous week's level of 8.48% and Wheat to 4.44% from the previous week's level of 4.39%.*
- *The inflation for non-food items decreased to 9.60% from the previous week's level of 11.22% and for the food items has decreased to 9.52% from the previous week's level of 9.95%.*

Salient aspects of discussions / presentations in the meeting

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

Winter Season Rainfall (January - February) during the week ending on 14th January, 2009

- **Isolated to scattered precipitation** occurred over Jammu & Kashmir, Himachal Pradesh, Punjab, Uttar Pradesh, Madhya Pradesh, Jharkhand, Bihar and Chhattisgarh during first half of the week.
- **Isolated to scattered rain/thundershower** occurred over Tamil Nadu & Pudducherry during many days of the week. Isolated rain/thundershower also occurred over Coastal Andhra Pradesh, Rayalseema, Coastal Karnataka and Kerala for one or two 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 excess/normal in 04 met sub-divisions, deficient / scanty in 15 met sub-divisions and no rain in 17 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 14th January, 2009)** was in excess / normal in 03 and deficient / scanty in 24 sub-divisions and no rain in 09 met sub-divisions.

Table-1: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (14.01.09)				Cumulative (01.01.09 to 14.01.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Deviation (%)	Category
	Actual	Normal			Actual	Normal		
North-West India	1.6	7.3	-79	S	5.6	15.4	-64	S
Central India	1.9	2.3	-18	N	2.1	4.2	-50	D
South Peninsular India	1.0	2.6	-63	S	1.3	5.2	-75	S
North-East India	1.6	4.1	-61	S	2.6	7.6	-66	S
Country as a whole	1.6	4.2	-63	S	3.1	8.4	-63	S

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

Source: India Meteorological Department, New Delhi

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.

TEMPERATURE

Fog Condition

- **Dense fog conditions** in morning hours continued to prevail over many parts of Indo-Gangetic plains during the week.
- Fog conditions in morning hours prevailed over some parts of Central and East India during many days of the week.

Minimum Temperature

- **Minimum Temperatures** over Central and Eastern parts of the country were **above normal to appreciably above normal** during many days of the week.
- The **minimum temperatures fell** over the extreme South Peninsula and hence were **below normal to appreciably below normal** towards the end of the week.
- They were **below normal** over Assam & Meghalaya for many days of the week.
- They were **near normal** over remaining parts of the country during many days of the week.

Weather Outlook / Forecast for the period 15th - 21st January, 2009 by IMD

Outlook for the Week Ending 21st January, 2009

- *A western disturbance is likely to cause scattered to fairly widespread rain/snowfall over Western Himalayan Region during first half of the week. Isolated to scattered rain/thundershower is also likely over the adjoining northern plains during the same period.*
- *Isolated to scattered rain/thundershower is likely over Arunachal Pradesh and Assam & Meghalaya during second half of the week.*
- *Isolated rain/thundershower is likely over Tamil Nadu & Puducherry during a few days of the week.*
- *Rise in minimum temperature over plains of north India is likely till 18th January and fall thereafter.*
- *Dense fog mainly in morning hours are likely in many parts of north India from 19th January onwards.*

Zone-wise Weather Forecast:

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

- *Rain / snow is likely at many places over Jammu & Kashmir and at a few places over Himachal Pradesh and Uttarakhand.*
- *Isolated rain/thundershowers is likely over Haryana and Chandigarh during next 24 hours and at a few places thereafter.*
- *Mainly dry weather is likely over the rest region during next 24 hours and isolated rain/thundershowers is likely thereafter.*

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

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

North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)

- *Mainly dry weather is likely over the rest region.*

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

- *Rain/thundershowers are likely at isolated places over Tamil Nadu and South Interior Karnataka..*
- *Mainly dry weather is likely over the rest region.*

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

- *Rain/thundershowers are likely at isolated places over Rajasthan.*
- *Mainly dry weather is likely over the region.*

Central India (MP, Chhattisgarh, Vidarbha)

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

Reservoir Status (For the week ending on 15.01.2009)

- 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 **decreased** to 75.04 BCM. Current storage is less than the last year's position of 84.93 BCM and the average of last 10 year's storage of 71.88 BCM.

Table – 2: For 81 major reservoirs of the country

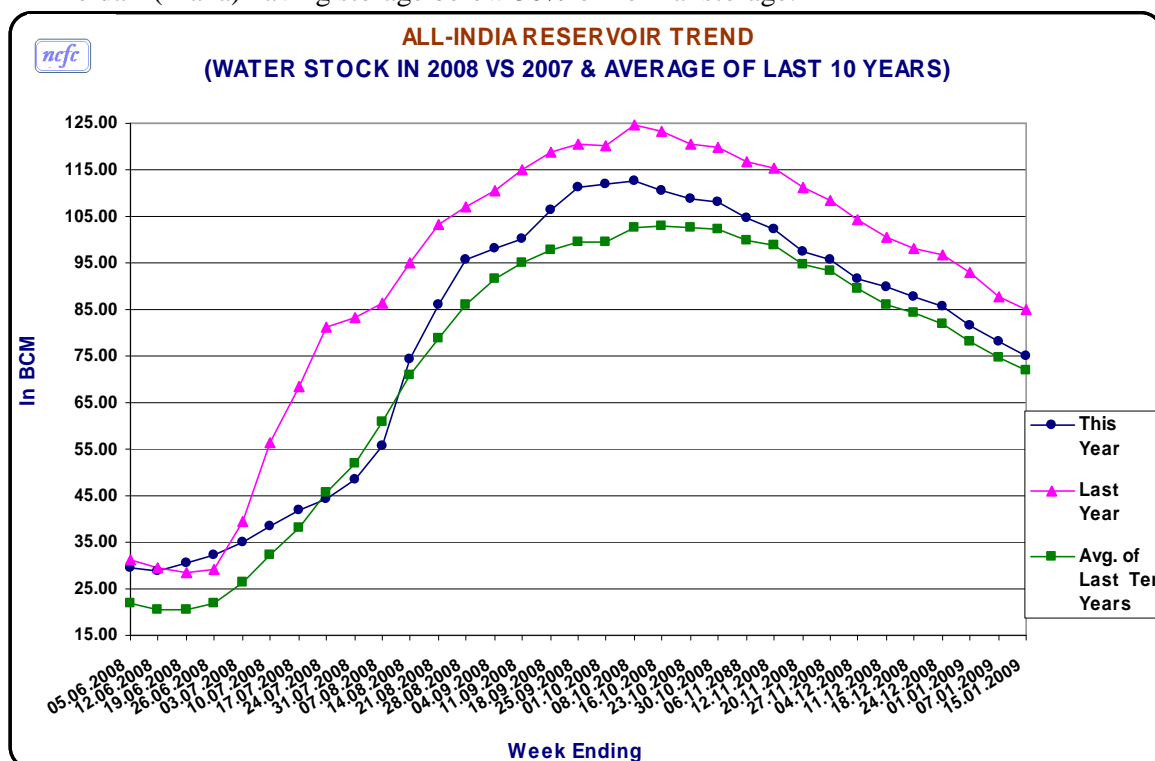
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	49	88	104
Last Week	52	89	105

The percentage to live capacity at FRL was 56% on 15/01/2008, 58% on 15/01/2007, 63% on 13/01/2006 and 43% on 13/01/2005 .

* *Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 55 reservoirs having storage more than 80%, 14 reservoirs having storage between 50% to 80% of Normal Storage and 8 reservoirs having storage between 30% to 50% of Normal Storage.
- There were four reservoirs namely Harangi (Kar), Dantiwada (Guj), Gumti (Tripura) and Yeldari (Maha) having storage below 30% 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 October to 09th January, 2009

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement upto 01st October to 09th January, 2009</i>	<i>11688</i>	<i>4547</i>	<i>1580</i>	<i>3514</i>
<i>Availability during 1st October to 09th January, 2009</i>	<i>8477</i>	<i>3511</i>	<i>1265</i>	<i>2394</i>
<i>Sales during 1st October to 09th January, 2009</i>	<i>7421</i>	<i>3484</i>	<i>1077</i>	<i>2324</i>
<i>Closing Stock as on 09.01.2009</i>	<i>1056</i>	<i>27</i>	<i>188</i>	<i>70</i>
<i>Requirement for February, 2009</i>	<i>1615</i>	<i>374</i>	<i>259</i>	<i>488</i>

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

Pest & Diseases:

- The incidence of pest & diseases generally remained below Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

Table:4

All India Crop Situation - Rabi (2008-09) as on 16-01-2009								
Crop Name	IV Adv. Est.	Normal Area	Area sown reported (In lakh hectares)			Change vis-à-vis prev. year		Remarks
			This Year	% of Normal	Last Year	Absolute	Percentage	
								Changes in major States (abs. %)
Wheat	281.53	265.30	274.05	103.3	272.44	1.6	0.6	Guj (-2.0, -14.4), HP (+0.2, +5.6), Har (+0.2,+0.6), Kar (+0.2, +7.8), MP (-1.0, -2.6), Maha(-2.0, -16.6), Raj (+0.4 +1.8), UP (+4.9, +5.5), Uttarn(+0.2, +5.9), WB (+0.5, +13.6)
Rice	43.88	37.31	10.23	27.4	10.25	0.0	-0.2	AP(-0.6, -13.4), Ass (+0.1, +8.3), WB (+0.5, +12.5)
Jowar	43.62	49.11	48.63	99.0	44.07	4.6	10.3	AP (-0.5, -23.3), Kar (+0.4, +3.0), Maha (+4.2, +14.6), TN (+0.6, +43.3)
Maize	11.28	8.15	10.58	129.9	10.11	0.5	4.6	Guj (-0.1, -14.3), Bih (-0.2, -7.0), Kar (+0.4, +54.5), TN (+0.4, +34.6)
Barley	6.14	6.50	7.77	119.5	6.87	0.9	13.1	MP (+0.3, +46.7), Raj (+0.7, +22.4), UP (-0.1, -2.9)
Total Coarse Cereals	61.04	63.60	67.40	106.0	61.92	5.5	8.9	AP (-0.6, -12.9), Bih (-0.3, -7.3), Kar (+0.7, +5.6), MP (+0.3, +44.4), Maha (+4.2, +14.2), Raj (+0.7, +22.4), TN (+0.5, +18.1)
Total Cereals	386.45	366.21	351.68	96.0	344.61	7.1	2.1	
Gram	75.80	68.50	84.48	123.3	77.52	7.0	9.0	AP (-0.3, -4.0), Guj (-0.2, -8.5), Har (+0.2, +21.5), Kar (+1.4, +20.7), MP (+3.4, +14.1), Maha(-1.1, -9.0), Raj (+1.1, +8.2), UP (+2.6, +42.5)
Lentil	-	14.45	15.20	105.2	13.51	1.7	12.5	Bih (-0.1, -4.8), MP (+0.6, +13.2), UP (+1.2, +21.1)
Peas	-	7.41	8.38	113.1	6.42	2.0	30.5	MP (+0.7, +38.8), UP (+1.3, +39.4)
Kulthi(Horse Gram)	-	3.10	4.62	149.0	4.87	-0.3	-5.2	AP (-0.1, -30.4), Chhat(-0.1, -21.9), Ori (-0.2, -8.6), TN (+0.2, +104.8)
Urad	8.09	7.30	6.52	89.3	8.01	-1.5	-18.7	AP (-1.3, -37.5), TN (-0.3, -24.1), WB (+0.2 +33.3)
Moong	7.21	6.22	4.22	67.8	4.47	-0.2	-5.6	AP (-0.2, -26.3), TN (-0.1, -9.7)
Lathyrus	-	6.35	4.31	67.9	5.05	-0.7	-14.6	Chhat (-0.8, -16.8)
Others	31.07 [*]	2.99	6.83	228.6	6.32	0.5	8.1	
Total Pulses	122.16	115.99	134.55	116.0	126.18	8.4	6.6	AP (-1.7, -15.1), Bih (-0.4, -8.8), Chhat (-1.0, -11.4), Har (+0.3, +25.0), Kar (+1.4, +15.7), MP (+4.7, +15.1), Maha(-1.5, -11.0), Ori (-0.4, -4.6), Raj (+1.2, +9.4), TN (+0.7, +28.4), UP (+5.0, +33.9), WB (+0.4, +19.0)
Total Foodgrains	508.61	482.21	486.23	100.8	470.79	15.4	3.3	
Rapeseed & Mustard	57.49	63.25	66.30	104.8	58.84	7.5	12.7	Bih (-0.2, -11.7), Guj (-0.5, -13.5), Har (+0.8, +13.6), MP (+2.6, +48.0), Raj (+4.0, +16.6), UP (+0.9, +11.4)
Groundnut	11.12	8.28	5.07	61.2	6.53	-1.5	-22.4	Kar (-0.9, -95.7), Ori (-0.1, -9.9), TN (-0.4, -26.1)
Safflower	3.17	3.69	2.80	75.9	3.12	-0.3	-10.3	MP (-0.1, -100.0), Maha (-0.3, -14.6)
Sunflower	11.14	13.04	10.31	79.1	9.63	0.7	7.1	AP (+0.3, +8.7), Kar (+0.7, +13.9), MP (-0.1, -100.0), Ori (-0.1, -81.8)
Sesamum	3.06	2.41	0.96	39.8	1.05	-0.1	-8.6	TN (-0.1, -17.0)
Linseed	3.87	4.50	4.42	98.3	4.74	-0.3	-6.8	Bih (-0.1, -16.3), Chhat (-0.2, -15.7), MP (+0.3, +22.0), Maha(-0.3, -47.9)
Others	0.52	0.54	1.18	218.5	1.68	-0.5	-29.8	
Total Oilseed (Nine)	90.36	92.21	91.03	98.7	85.59	5.4	6.4	AP (+0.2, +2.6), Bih (-0.3, -13.2), Chhat(-0.3, -8.9), Guj (-0.4, -10.3), Har (+0.8, +13.6), MP (+2.1, +28.6), Maha (-0.7, -16.3), Ori (-0.2, -6.8), Raj (+4.0, +16.6), TN (-0.4, -16.6), UP (+1.0, +12.1)
All- Crops	598.97	574.41	577.26	100.5	556.38	20.9	3.8	

Source: Crops & TMOP Divisions, DAC

^{*}:- Includes Lentil, Peas, Kulthi, Lathyrus, Cowpea, Avare and Moth etc. during 2007-08 Adv. Est. (E&S).

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 03.01.2009 decreased to 5.24% from the previous week's level of 5.91%. The inflation rate was 4.26% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 0.74% to 10.85%, (b) Manufactured products group by 0.65% to 5.58% and (c) Fuel, power, light and lubricant group by 0.66% to (-)1.32%. The share of these three groups in inflation during the week ending 03.01.2009 stood in the order of 46.56%, 59.27% and (-)5.49%.

Procurement:

Table – 5: Progressive procurement of Rice as on 16.01.2009 (lakh tonnes)

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 16.01.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	22.08	17.99
Chhattisgarh	27.43	17.87	18.68
Haryana	15.72	13.85	15.30
Kerala	1.68	0.67	0.54
Maharashtra	1.60	1.04	0.88
Orissa	23.49	8.55	8.32
Punjab	79.07	81.45	73.85
Tamil Nadu	9.68	2.40	0.18
Uttar Pradesh	28.91	23.12	14.71
Uttaranchal	1.47	1.82	0.99
West Bengal	15.08	5.29	1.27
All-India	285.02	181.36	153.93