

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 06th February, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 30.01.2009.**

Summary observations of the Group on Agenda Item

- *Cumulative rainfall received for the country as whole, during the period 1st to 28th January, 2009 was 11.1 mm.*
- *Under the influence of western disturbance, scattered to widespread precipitation occurred over Jammu & Kashmir during 25th to 27th January, 09. The minimum temperatures were appreciably above normal to markedly above normal over many parts of central & northwest India during many days of the week.*
- *Actual Mean Maximum temperature anomaly ranged between 4 to 6⁰C over most parts Himachal Pradesh and central Chhatisgarh, some parts of the Jammu & Kashmir, Jharkhand, Orissa, Madhya Pradesh, Vidarbha, Coastal Andhra Pradesh and Telangana, 0 to 2⁰C over most parts of Punjab, North Uttar Pradesh, Gangetic West Bengal, Assam, Arunachal Pradesh, Mizoram, Gujarat, Saurashtra & Kutch, Coastal Karnataka, Kerala, Tamil Nadu, Lakshdweep, Andaman and Nicobar Islands, some parts of Jammu & Kashmir, Haryana, Uttarakhand, Bihar, Jharkhand, Nagaland, Manipur, Rajasthan, Interior Karnataka, Coastal Andhra Pradesh and Rayalaseema, -2 to 0⁰C over most parts of North Bihar, Assam, Sikkim and Tripura, some parts of Punjab, East Uttar Pradesh, Jharkhand, Assam, Gangetic West Bengal and Andaman & Nicobar Islands, -4 to -2⁰C over most parts of Sub-Himalayan West Bengal, some parts of Bihar, Jharkhand and Gangetic West Bengal, 2 to 4⁰C over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 4 to 6⁰C over most parts of Himachal Pradesh, Sikkim, North East India and East Rajasthan, some parts of Punjab, Haryana, Saurashtra & Kutch, Sub-Himalayan West Bengal and East Madhya Pradesh, 0 to 2⁰C over most parts of Jharkhand, Maharashtra, Chattisgarh, Andaman & Nicobar Island, Lakshadweep, some parts of Jammu & Kashmir, East Uttar Pradesh, Bihar, Orissa, Gangetic West Bengal, Madhya Pradesh, Coastal Andhra Pradesh, Raylaseema and Tamil Nadu, -2 to 0⁰C over most parts of Andhra Pradesh, Tamil Nadu, Kerala, some parts of Jharkhand, Orissa, Madhya Maharashtra, Marathwada, Karnataka, Lakshadweep Island, -4 to -2⁰C over most parts of Interior Karnataka, some parts of Telangana, Raylaseema and Kerala, 2 to 4⁰C 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 69.90 BCM on 22.01.2009 to 65.99 BCM on 29.01.2009.*

- *Area sown reported till 30.01.09 under Coarse Cereals, Pulses and Oilseeds during Rabi season was 107%, 119% and 102% of the normal area respectively.*
- *As on 30.01.09, area sown under all rabi crops taken together has been reported to be 588.36 lakh hectares at All India level as compared to 566.13 lakh hectares in the corresponding period of 2007.*
- *Area reported was higher by 1.7 lakh ha. under wheat, 4.2 lakh ha. under Jowar, 7.3 lakh ha. under Gram, 1.5 lakh ha. under Lentil, 1.9 lakh ha. under Peas and 7.4 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 17.01.2009 increased to 5.64% from the previous week's level of 5.60%. The inflation rate was 4.45% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 17.01.2009 increased to 10.32% from the previous week's level of 10.04%. Among the foodgrains, inflation for Rice has increased to 13.78% from the previous week's level of 12.76%, Pulses to 13.66% from the previous week's level of 13.43%, Cereals to 9.81% from the previous week's level of 9.53% and inflation for Wheat has decreased to 4.92% from the previous week's level of 5.81%.*
- *The inflation for non-food items decreased to 6.36% from the previous week's level of 7.13% and for the food items to 11.17% from the previous week's level of 11.64%.*

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 28th January, 2009

- **Scattered to widespread precipitation** occurred over Jammu & Kashmir during 25th to 27th January, 09. Isolated precipitation also occurred over Jammu & Kashmir on 23rd & 28th January, 09.
- **Isolated rain/thundershower** occurred over Arunachal Pradesh and Assam & Meghalaya during 2nd half of the week.
- **Isolated to scattered rain/thundershower** occurred over Tamil Nadu & Puducherry, Kerala and Lakshadweep during last 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 06 met sub-divisions, deficient / scanty in 03 met sub-divisions and no rain in 27 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 28th January, 2009)** was in excess / normal in 01 and deficient / scanty in 27 sub-divisions and no rain in 08 met sub-divisions.

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

Region	Week Ending (28.01.09)				Cumulative (01.01.09 to 28.01.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	6.9	12.2	-43	D	28.8	35.6	-19	N
Central India	0.0	2.4	-100	NR	2.4	8.7	-73	S
South Peninsular India	0.8	1.0	-16	N	2.5	7.7	-68	S
North-East India	3.3	5.1	-35	D	6.0	17.3	-65	S
Country as a whole	2.8	5.5	-49	D	11.1	18.1	-39	D

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

- Fog conditions in morning hours prevailed over many parts of Gangetic plains and Northeastern States during the week.
- Fog conditions in morning hours also prevailed over Northwest India during 2nd half of the week.

Minimum Temperature

- Minimum temperatures were below normal to appreciably below normal over Tamil Nadu & Puducherry, Kerala, Karnataka and Rayalseema during first half of the week.
- They were appreciably above normal to markedly above normal over many parts of Madhya Pradesh, Rajasthan, Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi and Uttarakhand during many days of the week.
- They were above normal to appreciably above normal over remaining parts of west and northwest India.
- They were above normal to appreciably above normal over Uttar Pradesh, Bihar, Jharkhand and Orissa during 2nd half of the week.
- They were appreciably above normal to markedly above normal over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim and above normal to appreciably above normal over Arunachal Pradesh during many days of the week.

***Weather Outlook / Forecast for the period 29th January -- 04th February, 2009
by IMD***

Outlook for the Week Ending 04th February, 2009

- *A feeble western disturbance is likely to affect Western Himalayan Region during 29th to 30th January, 09.*
- *Another western disturbance is likely to affect Western Himalayan Region from 3rd February, 09 onwards.*
- *Isolated to scattered precipitation is likely over Arunachal Pradesh and Assam & Meghalaya during 31st January to 2nd February, 09.*
- *Slight fall in minimum temperature over Rajasthan, Northwest and adjoining central India during 31st January to 2nd February, 09 and slight rise thereafter.*

Zone-wise Weather Forecast:

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

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

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 region.*

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

- *Isolated rain/thundershowers are likely over Nicobar Islands.*
- *Mainly dry weather is likely over the region.*

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

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

Central India (MP, Chhattisgarh, Vidarbha)

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

Reservoir Status (For the week ending on 29.01.2009)

- 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 65.99 BCM. Current storage is less than the last year's position of 75.69 BCM and the average of last 10 year's storage of 63.95 BCM.

Table – 2: For 81 major reservoirs of the country

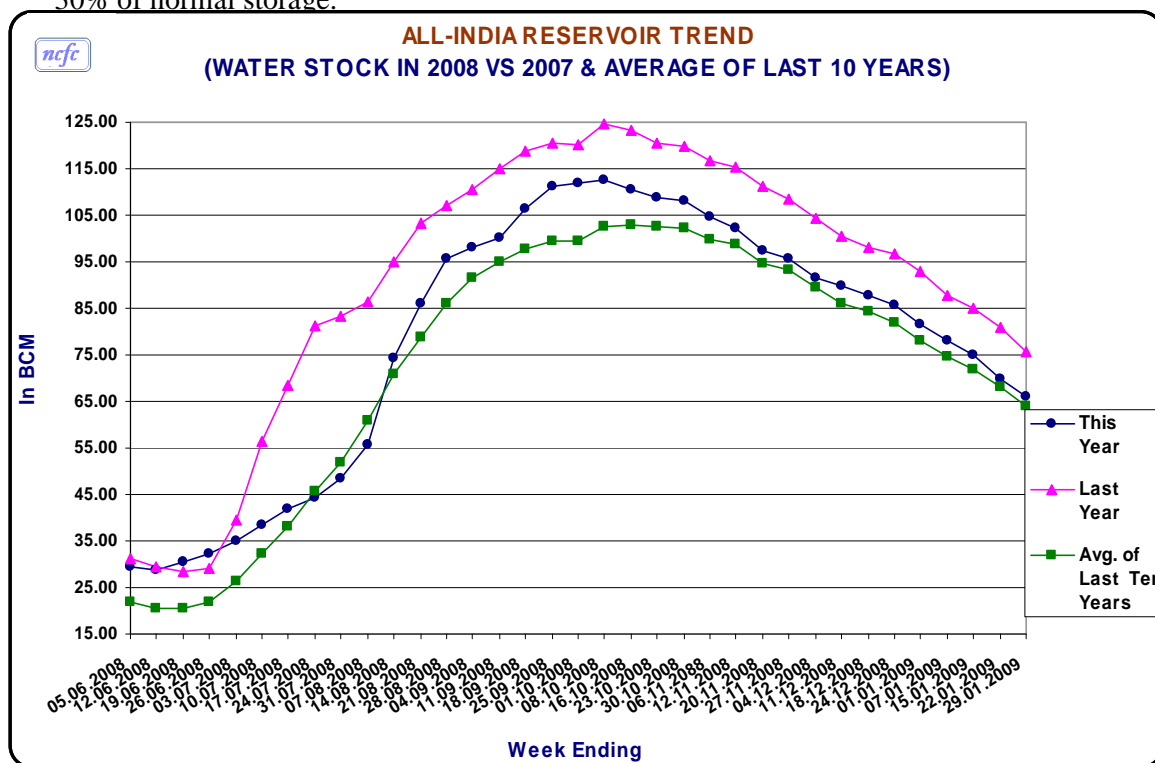
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	43	87	103
Last Week	46	86	102

The percentage to live capacity at FRL was 50% on 29/01/2008, 53% on 29/01/2007, 58% on 27/01/2006 and 39% on 27/01/2005 .

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

Source: CWC

- There were 53 reservoirs having storage more than 80%, 15 reservoirs having storage between 50% to 80% of Normal Storage and 7 reservoirs having storage between 30% to 50% of Normal Storage.
- There were six reservoirs namely Dantiwada (Guj), Gumti (Tripura), Harangi (Kar), Yeldari (Maha), Rana Prata Sagar (Raj) and Vanivilas Sagar (Kar) 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 22nd 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 22nd January, 2009</i>	<i>11688</i>	<i>4547</i>	<i>1580</i>	<i>3514</i>
<i>Availability during 1st October to 22nd January, 2009</i>	<i>9347</i>	<i>3601</i>	<i>1394</i>	<i>2629</i>
<i>Sales during 1st October to 22nd January, 2009</i>	<i>8396</i>	<i>3558</i>	<i>1162</i>	<i>2461</i>
<i>Closing Stock as on 22.01.2009</i>	<i>951</i>	<i>43</i>	<i>232</i>	<i>168</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 30-01-2009								
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	
Wheat	281.53	265.30	275.61	103.9	273.90	1.7	0.6	Guj (-1.9, -13.4), HP (+0.2, +5.6), Har (+0.2,+0.6), Kar (+0.2, +7.8), MP (-1.0, -2.6), Maha(-2.0, -17.0), Raj (+0.6 +2.5), UP (+5.0, +5.6), WB (+0.5, +13.6)
Rice	43.88	37.31	13.13	35.2	12.19	0.9	7.7	Ass (+0.4, +68.9), Kar (-0.2, -20.0), TN (+0.2, +29.1), WB (+0.5, +12.5)
Jowar	43.62	49.11	48.76	99.3	44.61	4.2	9.3	AP (-0.6, -24.8), Kar (+0.4, +3.1), Maha (+4.1, +14.6), TN (+0.2, +11.6)
Maize	11.28	8.15	11.37	139.6	10.38	1.0	9.5	AP (+0.5, +17.9), Bih (-0.2, -7.0), Kar (+0.4, +54.5), TN (+0.4, +34.6)
Barley	6.14	6.50	7.80	119.9	6.93	0.9	12.6	MP (+0.3, +46.7), Raj (+0.7, +22.4), UP (-0.1, -4.7)
Total Coarse Cereals	61.04	63.60	68.27	107.3	62.30	6.0	9.6	Bih (-0.3, -7.3), Kar (+0.7, +5.7), MP (+0.3, +44.4), Maha (+4.1, +14.1), Raj (+0.7, +22.4), TN (+0.6, +21.4), UP (-0.2, -7.5)
Total Cereals	386.45	366.21	357.01	97.5	348.39	8.6	2.5	
Gram	75.80	68.50	85.58	124.9	78.29	7.3	9.3	AP (-0.2, -3.2), Guj (-0.2, -8.5), Har (+0.2, +21.5), Kar (+1.4, +18.6), MP (+3.2, +13.2), Maha(-1.1, -9.0), Raj (+1.6, +12.4), UP (+2.6, +43.1)
Lentil	-	14.45	15.20	105.2	13.65	1.5	11.3	Bih (-0.1, -4.8), MP (+0.5, +10.8), UP (+1.1, +20.4)
Peas	-	7.41	8.41	113.6	6.49	1.9	29.7	MP (+0.7, +36.5), UP (+1.3, +39.7)
Kulthi(Horse Gram)	-	3.10	4.76	153.6	4.96	-0.2	-4.0	AP (-0.1, -24.5), Chhat(-0.1, -23.4), Ori (-0.2, -8.2), TN (+0.2, +104.8)
Urad	8.09	7.30	7.18	98.5	8.49	-1.3	-15.4	AP (-1.1, -30.6), Ori (-0.1, -4.0), TN (-0.3, -24.1), WB (+0.2 +33.3)
Moong	7.21	6.22	5.07	81.5	5.51	-0.4	-8.0	AP (-0.2, -19.5), Ori (-0.2, -6.4), TN (-0.1, -9.7)
Lathyrus	-	6.35	4.31	67.9	5.08	-0.8	-15.2	Chhat (-0.8, -17.4)
Others	31.07*	2.99	7.02	234.8	6.60	0.4	6.3	
Total Pulses	122.16	115.99	137.54	118.6	129.07	8.5	6.6	AP (-1.5, -12.3), Bih (-0.4, -8.8), Chhat (-1.1, -11.8), Har (+0.3, +25.0), Kar (+1.3, +14.7), MP (+4.4, +13.8), Maha(-1.5, -11.0), Ori (-0.6, -6.1), Raj (+1.8, +13.6), TN (+0.7, +28.4), UP (+5.0, +33.9), WB (+0.4, +19.0)
Total Foodgrains	508.61	482.21	494.55	102.6	477.46	17.1	3.6	
Rapeseed & Mustard	57.49	63.25	66.49	105.1	59.05	7.4	12.6	Bih (-0.2, -12.9), Guj (-0.5, -13.5), Har (+0.8, +13.6), MP (+2.7, +49.2), Raj (+4.0, +16.6), UP (+0.9, +11.4)
Groundnut	11.12	8.28	7.21	87.1	8.10	-0.9	-11.0	AP (+0.1, +3.3), Kar (+0.1, +7.3), TN (-1.2, -47.8)
Safflower	3.17	3.69	2.80	75.9	3.17	-0.4	-11.7	Guj (+0.1, +100.0), MP (-0.1, -100.0), Maha (-0.4, -16.1)
Sunflower	11.14	13.04	10.61	81.4	10.08	0.5	5.3	AP (+0.2, +6.5), Kar (+0.5, +10.8), MP (-0.1, -100.0), TN (-0.1, -43.8)
Sesamum	3.06	2.41	1.03	42.7	1.24	-0.2	-16.9	TN (-0.2, -34.9)
Linseed	3.87	4.50	4.47	99.4	5.45	-1.0	-18.0	Bih (-0.1, -16.3), Chhat (-0.2, -16.5), MP (-0.3, -17.8), Maha(-0.4, -48.6)
Others	0.52	0.54	1.21	224.1	1.58	-0.4	-23.4	
Total Oilseed (Nine)	90.36	92.21	93.81	101.7	88.67	5.1	5.8	AP (+0.2, +3.6), Bih (-0.3, -14.1), Chhat(-0.3, -8.4), Guj (-0.4, -10.3), Har (+0.8, +13.6), Kar (+0.8, +11.0), MP (+1.6, +19.7), Maha (-0.7, -15.7), Raj (+4.0, +16.6), TN (-1.6, -45.1), UP (+1.0, +12.1), WB (+0.2, +4.4)
All- Crops	598.97	574.41	588.36	102.4	566.13	22.2	3.9	
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 17.01.2009 increased to 5.64% from the previous week's level of 5.60%. The inflation rate was 4.45% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 0.63% to 11.01%, (b) Manufactured products group increased by 0.31% to 6.21% and (c) Fuel, power, light and lubricant group declined by -0.11% to (-)1.43%. The share of these three groups in inflation during the week ending 17.01.2009 stood in the order of 44.23%, 61.16% and (-)5.55%.

Procurement:

Table – 5: Progressive procurement of Rice as on 30.01.2009 (lakh tonnes)

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 30.01.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	28.03	21.58
Chhattisgarh	27.43	20.94	23.06
Haryana	15.72	13.93	15.34
Kerala	1.68	0.68	0.54
Maharashtra	1.60	1.30	1.01
Orissa	23.49	10.07	10.67
Punjab	79.07	82.11	74.80
Tamil Nadu	9.68	3.40	1.20
Uttar Pradesh	28.91	27.09	18.60
Uttaranchal	1.47	2.14	1.06
West Bengal	15.08	5.49	1.71
All-India	285.02	199.73	171.54