

**F.NO. 3-1/2009-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: 24th December, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
18.12.2009.**

Summary observations of the Group on Agenda Item

- *In the Post-Monsoon season, cumulative rainfall received for the country as a whole during the period 1st October to 09th December, 2009 was 128.5 mm which is 9% above the L.P.A.*
- *In South Peninsula, rainfall during the above period was 6% above the LPA.*
- *Actual mean maximum temperature anomaly ranged between 2^oC and above over most parts of Central India, Jharkhand, Orissa, some parts of Jammu & Kashmir, Himachal Pradesh, East Uttar Pradesh, East Rajasthan, Bihar, Gujarat, Saurashtra & Kutch, Marathwada, Coastal Andhra Pradesh, Telengana, Lakshadweep Islands, -2 to 0^oC over most parts of Punjab, Haryana, Sub-Himalayan West Bengal, Sikkim, Northeast India, some parts of West Rajasthan, Bihar, Jharkhand, Gangetic West Bengal, Tamil Nadu, Andaman & Nicobar Islands, -2^oC and below over some parts of Sub-Himalayan West Bengal, Tripura, 0 to 2^oC over remaining parts of the country.*
- *Minimum temperature anomaly ranged between 4^oC and above over most parts of Rajasthan, Madhya Pradesh, Gujarat, some parts of Punjab, Haryana, Uttar Pradesh, Vidarbha, 2 to 4^oC over most parts of Uttarakhand, Haryana, Delhi, Uttar Pradesh, Chhattisgarh, Saurashtra & Kutch, Maharashtra, some parts of Jammu & Kashmir, Punjab, Himachal Pradesh, West Rajasthan, Bihar, Jharkhand, Assam, Gujarat, Madhya Pradesh, North Interior Karnataka, Andhra Pradesh, Tamil Nadu, -2 to 0^oC over some parts of Jammu & Kashmir, Interior Karnataka, Telangana, 0 to 2^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 decreased from 86.22 BCM on 10.12.2009 to 84.49 BCM on 17.12.2009.*
- *Area sown reported till 18.12.09 under Coarse Cereals, Pulses and Oilseeds was 95%, 102% and 86% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 85% of the normal area under rabi crops have been sown upto 18.12.09, area sown under all rabi crops taken together has been reported to be 498.65 lakh hectares at All India level as compared to 489.80 lakh hectares in the corresponding period of 2008.*

- *Area reported was higher by 5.3 lakh ha. under Wheat, 1.3 lakh ha. under Rice, 8.3 lakh ha. under Gram and 1.6 lakh ha. under Lentil. Area coverage is lower by 4.4 lakh ha. under Jowar, 1.4 lakh ha. under Rapeseed & Mustard and 2.4 lakh ha. under Sunflower .*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 05.12.2009 increased to 14.98% from the previous week's level of 13.90%. The inflation rate was 11.50% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 13.91% from the previous week's level of 12.60%, Rice to 12.70% from the previous week's level of 11.75%, Cereals to 13.55% from the previous week's level of 12.76% and Inflation for Pulses has decreased to 40.81% from the previous week's level of 41.96%.*
- *The inflation for non-food items increased to 5.70% from the previous week's level of 3.31% and for the food items to 19.95% from the previous week's level of 19.05%.*
- *All-India progressive procurement of Rice as on 18.12.2009 was 140.21 lakh tonnes which is higher than the procurement of 136.13 lakh tonnes upto the corresponding period of last year.*

Salient aspects of discussions / presentations in the meeting

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

Post-Monsoon Season Rainfall (October - December) during the week ending on 02nd December, 2009

- **Widespread rainfall** occurred over Jammu & Kashmir and fairly widespread rainfall over Andaman & Nicobar Islands on 10th.December, 09.
- **Scattered to fairly widespread rainfall** occurred over Tamil Nadu & Puducherry on many days of the week and over Jammu & Kashmir on a few days of the week.
- **Isolated to scattered rainfall** occurred over Himachal Pradesh on many days of the week and over Coastal Andhra Pradesh and Rayalseema on a few days of the week and over Andaman & Nicobar Islands, Uttar Pradesh, Uttarakhand, Haryana, Jammu & Kashmir, Rajasthan, Tamil Nadu, South Interior Karnataka and Kerala on one or two days of the week.
- Mainly **dry weather** prevailed over the remaining parts of the country during the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 03 met sub-divisions, deficient / scanty in 15 met sub-divisions and no rain in 18 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st October to 16th December, 2009)** was in excess / normal in 24 met sub-divisions and deficient / scanty in 12 met sub-divisions.

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

Region	Week Ending (16.12.09)				Cumulative (01.10.09 to 16.12.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	3.1	6.2	-51	D	49.1	50.0	-2	N
Central India	0.0	1.7	-99	S	115.4	77.6	49	E
South Peninsular India	9.8	7.8	26	E	274.8	259.7	6	N
North-East India	0.1	4.1	-99	S	128.6	156.1	-18	N
Country as a whole	2.9	4.7	-38	D	128.5	117.4	9	N

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

Source: India Meteorological Department, New Delhi

Temperature

Minimum Temperature

- Appreciably above normal to markedly above normal over Rajasthan and Madhya Pradesh during the week.
- Above normal to appreciably above normal over Haryana & Chandigarh, West Uttar Pradesh, Jammu & Kashmir, Madhya Maharashtra, Vidarbha, Chhattisgarh, Telangana on most days of the week and over Punjab, Gujarat State, Coastal Karnataka on many days of the week and over Himachal Pradesh and Rayalaseema on one or two days of the week.
- Above normal over Arunachal Pradesh, East Uttar Pradesh and Konkan & Goa on most days of the week and over Andaman & Nicobar Islands, Bihar, Sub-Himalayan West Bengal & Sikkim, Marathwada and Tamil Nadu on many days of the week and over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Uttarakhand and Coastal Andhra Pradesh on a few days of the week and over Assam & Meghalaya, Gangetic West Bengal, South Interior Karnataka and Lakshadweep on one or two days of the week.
- Below normal over North Interior Karnataka on 12th December, 09.
- Minimum temperatures were near normal over the remaining parts of the country.

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 17th - 23rd December, 2009 by IMD

Outlook for the Week Ending 23rd December, 2009

- *Isolated to scattered rainfall is likely to occur over extreme south peninsula and Andaman & Nicobar Islands during the week and over central parts of India during 1st half of the week.*
- *Isolated rainfall is likely to occur over western Himalayan region, Arunachal Pradesh and Assam & Meghalaya during 2nd half of the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Himachal Pradesh and Jammu & Kashmir.*
- *Rain/thundershowers at a few places over Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over Uttarakhand.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over Arunachal Pradesh.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over Tamil Nadu & Pondicherry, Coastal & South Interior Karnataka, Kerala, Lakshadweep and Andamna & Nicobar Islands.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over Coastal Andhra Pradesh.*
- *Mainly dry weather over the rest region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 17.12.2009)

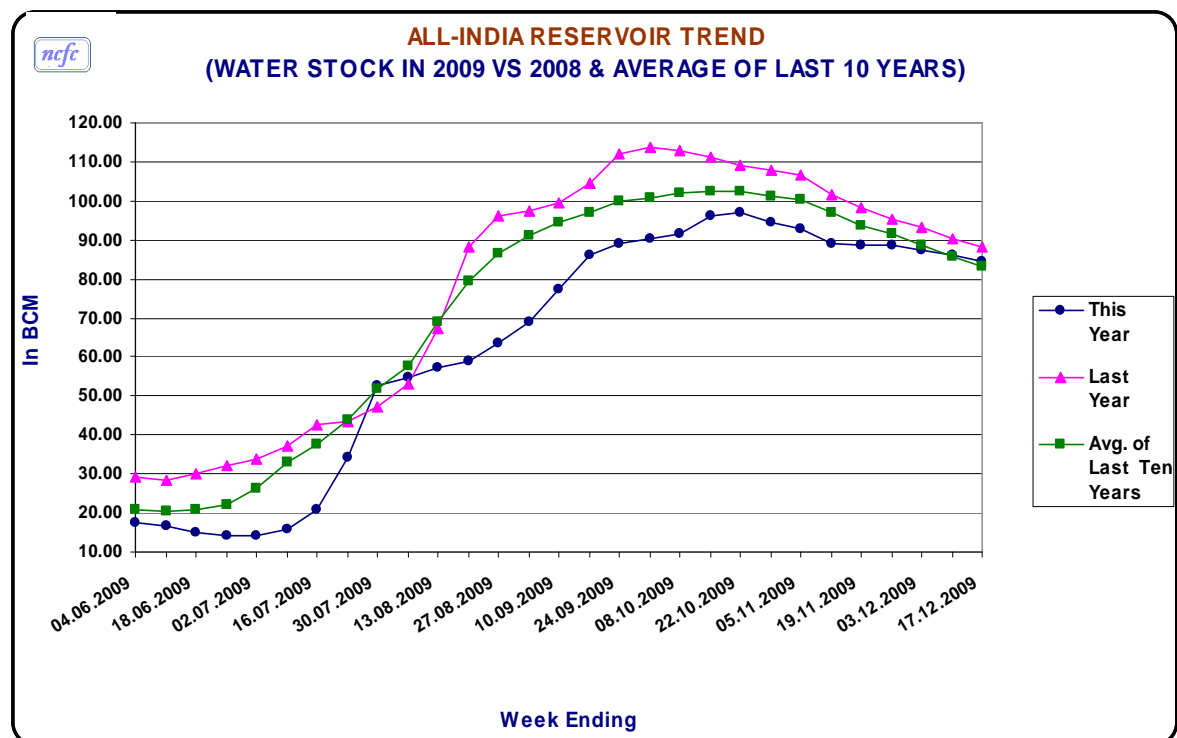
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 84.49 BCM from the previous week's level of 86.22 BCM. Current storage is less than the last year's position of 88.09 BCM and the average of last 10 year's storage of 83.22 BCM.

Table – 2: For 81 major reservoirs of the country

<u>Period</u>	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	56	96	102
Last Week	57	96	101
The percentage to live capacity at FRL was 58% on 17/12/2008, 64% on 17/12/2007, 75% on 14/12/2006 and 74% on 14/12/2005 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 51 reservoirs having storage more than 80%, 14 reservoirs having storage between 50% to 80% of Normal Storage, 11 reservoirs having storage between 30% to 50% of Normal Storage and 4 reservoirs having storage below 30% of normal storage.
- There was only one reservoir namely Sriramsagar (AP) having no live storage.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during November, 2009

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for November, 2009</i>	<i>2970</i>	<i>1581</i>	<i>463</i>	<i>927</i>
<i>Availability during 1st to 30th November, 2009</i>	<i>3025</i>	<i>1363</i>	<i>638</i>	<i>989</i>
<i>Sales during 1st to 30th November, 2009</i>	<i>2156</i>	<i>1035</i>	<i>381</i>	<i>655</i>
<i>Closing Stock as on 30.11.2009</i>	<i>869</i>	<i>327</i>	<i>257</i>	<i>334</i>
<i>Requirement for December, 2009</i>	<i>3425</i>	<i>801</i>	<i>372</i>	<i>712</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 (2009-10) as on 18-12-2009							
Crop Name	Normal Area	Area sown reported (In lakh hectares)			Change vis-à-vis prev. year		Changes in major States (abs. %)
		This Year	% of Normal	Last Year	Absolute	Percentage	
		Wheat	270.99	231.32	85.4	226.01	
Rice	39.80	3.99	10.0	2.73	1.3	46.2	AP (+1.4, +71.4), TN (-0.2, -36.4)
Jowar	47.53	43.57	91.7	48.00	-4.4	-9.2	AP (+0.2, +9.1), Kar (-0.7, -5.8), Maha (-3.9, -12.1)
Maize	8.70	8.11	93.2	7.97	0.1	1.8	AP (-0.5, -28.6), Bih (+0.3, +13.4), TN (+0.3, +20.9)
Barley	6.30	7.21	114.4	7.02	0.2	2.7	Raj (-0.5, -15.3), UP (+0.6, +29.1)
Total Coarse Cereals	62.54	59.19	94.6	63.30	-4.1	-6.5	AP (-0.3, -10.0), Bih (+0.3, +12.2), Kar (-0.8, -6.5), Maha (-3.9, -11.7), Raj (-0.5, -15.3), TN (+0.3, +8.7), UP (+0.7, +31.1)
Total Cereals	373.33	294.50	78.9	292.04	2.5	0.8	
Gram	71.45	80.91	113.2	72.60	8.3	11.4	AP (+0.3, +4.9), Guj (-0.4, -19.7), Kar (+2.57, +30.1), MP (+4.3, +15.5), Maha (+0.4, +4.4), Raj (+1.2, +16.7)
Lentil	14.30	15.33	107.2	13.74	1.6	11.6	MP (+1.1, +20.1), UP (+0.5, +7.5)
Peas	7.32	6.88	93.9	7.69	-0.8	-10.6	MP (+0.1, +4.9), UP (-1.0, -21.8)
Kulthi(Horse Gram)	2.83	4.17	147.2	3.89	0.3	7.1	Chhat (-0.1, -33.1), TN (+0.3, +1251.9)
Urad	7.16	3.59	50.2	3.79	-0.2	-5.1	TN (-0.3, -49.6)
Moong	6.50	1.86	28.6	1.67	0.2	11.5	Ori (+0.3, +34.5), TN (-0.1, -47.0)
Lathyrus	6.41	3.61	56.3	4.21	-0.6	-14.3	Chhat (-0.6, -15.8)
Others	3.22	5.68	176.3	5.01	0.7	13.3	
Total Pulses	119.19	122.11	102.4	112.60	9.5	8.4	AP (+1.6, +18.2), Chhat (-0.8, -11.3), Kar (+2.5, +25.2), MP (+5.4, +14.9), Maha(+0.3, +3.3), Ori (+0.5, +9.7), Raj (+1.5, +19.6), TN (-0.7, -34.8), UP (-0.4, -2.0)
Total Foodgrains	492.52	416.61	84.6	404.64	12.0	3.0	
Rapeseed & Mustard	65.27	62.56	95.8	63.98	-1.4	-2.2	Ass (-0.4, -15.3), Bih (+0.3, +35.2), Guj (-0.9, -29.0), Har (-0.9, -14.9), MP (+1.1, +13.4), Ori (+0.3, +43.9), Raj (-4.8, -17.2), UP (+4.4, +51.7)
Groundnut	8.91	3.63	40.7	3.69	-0.1	-1.8	Ori (+0.3, +52.5), TN (-0.4, -47.7)
Safflower	3.59	2.60	72.5	2.70	-0.1	-3.6	Guj (-0.1, -100.0), Maha (-0.1, -6.1)
Sunflower	13.11	6.99	53.3	9.43	-2.4	-25.9	AP (-0.8, -28.1), Kar (-1.6, -30.4)
Sesamum	2.60	0.42	16.2	0.66	-0.2	-36.4	TN (-0.3, -100.0)
Linseed	4.53	3.95	87.3	3.86	0.1	2.6	Chhat (-0.3, -30.5), MP (+0.3, +20.0), Maha(-0.1, -17.1)
Others	0.53	1.90	358.3	0.84	1.1	126.1	
Total Oilseed (Nine)	95.42	82.04	86.0	85.16	-3.1	-3.7	AP (-0.7, -12.3), Ass (-0.4, -12.6), Bih (+0.4, +36.1), Guj (-0.9, -29.6), Har (-0.9, -14.9), Kar (-1.5, -25.4), MP (+1.3, +14.5), Maha (-0.2, -5.1), Ori (+1.3, +67.4), Raj (-4.1, -17.2), TN (-1.0, -64.9), UP (+4.4, +49.3)
All- Crops	587.94	498.65	84.8	489.80	8.9	1.8	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 18.12.2009 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 18.12.2009	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	5.49	10.23
Chhattisgarh	28.48	9.42	7.84
Haryana	14.25	17.99	13.54
Kerala	2.37	1.24	1.01
Maharashtra	2.61	0.53	0.45
Orissa	27.90	2.13	3.93
Punjab	85.53	92.50	80.96
Tamil Nadu	11.99	0.23	1.92
Uttar Pradesh	36.87	8.28	12.13
Uttaranchal	3.49	1.18	0.92
West Bengal	16.67	0.80	2.22
All-India	336.84	140.21	136.13