

**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: 02nd December, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
27.11.2009.**

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 25th November, 2009 was 123.8 mm which is 19% above the L.P.A.*
- *In South Peninsula, rainfall during the above period was 12% above the LPA.*
- *Maximum temperatures are above normal by 2-4°C over parts of Kerala, South Coastal Andhra Pradesh, Gujarat and Northeastern States. They are below normal by 2-3°C over Punjab, Haryana Uttar Pradesh and parts of East Madhya Pradesh and near normal over rest of the country.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 88.71 BCM on 19.11.2009 to 88.47 BCM on 26.11.2009.*
- *In view of the conducive weather condition, sowing of rabi crops particularly Wheat, Jowar, Gram, Rapeseed & Mustard is in full swing.*
- *As per latest information available on sowing of crops, around 61% of the normal area under kharif crops have been sown upto 27.11.2009. Area sown under all crops taken together is around 359.63 lakh ha. as compared to 354.22 lakh ha. over the corresponding period of 2008-09. As compared to last year, area coverage so far is more by 6.7 lakh ha. under wheat and 2.2 lakh ha. under lentil. Area coverage is lower by 4.9 lakh ha. under jowar.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *All-India progressive procurement of Rice as on 26.11.2009 was 118.70 lakh tonnes which is higher than the procurement of 110.27 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 25th November, 2009

- **Fairly widespread to widespread rainfall** occurred over Andaman & Nicobar Island, Kerala on few days of the week and over Lakshadweep on 22nd November, 09.
- **Scattered to fairly widespread rainfall** occurred over Tamil Nadu & Puducherry on most of the days and over Coastal Andhra Pradesh and Coastal Karnataka on few to many days of the week and over Andhra Pradesh on 19th November, 09.
- **Isolated to scattered rainfall** occurred over South Interior Karnataka on most of the days and over Rayalaseema on many days of the week and over Andaman & Nicobar Island, Northeastern states, Orissa, Jammu & Kashmir, Madhya Maharashtra, Chhattisgarh, Telangana and North Interior Karnataka 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 9 met sub-divisions, deficient / scanty in 10 met sub-divisions and no rain in 17 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st October to 25th November, 2009)** was in excess / normal in 26 met sub-divisions and deficient / scanty in 10 met sub-divisions.

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

Region	Week Ending (25.11.09)				Cumulative (01.10.09 to 25.11.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.1	3.0	-98	S	45.3	38.6	17	N
Central India	1.5	4.2	-65	S	116.1	72.1	61	E
South Peninsular India	22.3	16.9	32	E	256.8	229.0	12	N
North-East India	1.0	4.0	-74	S	127.4	146.0	-13	N
Country as a whole	5.1	6.3	-20	D	123.8	104.5	19	N

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

Source: India Meteorological Department, New Delhi

Temperature

Minimum Temperature

- Below normal to appreciably below normal over Jammu & Kashmir, Jharkhand on most days of the week and over Bihar, Punjab, Himachal Pradesh, East Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Assam & Meghalaya on many days of the week and over Orissa, Sub-Himalayan West Bengal, West Uttar Pradesh, Uttarakhand, Haryana and Vidarbha on few days of the week.
- Above normal to appreciably above normal over Madhya Maharashtra, Andhra Pradesh, Karnataka and Tamil Nadu & Puducherry on most of the days of the week and over Nagaland, Manipur, Mizoram & Tripura, Orissa, West Rajasthan on few to many days of the week,
- 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 26th November - 02nd December, 2009
by IMD***

Outlook for the Week Ending 02nd December, 2009

- *Increase in rainfall activity over extreme south peninsular India during 2nd half of the week.*
- *A western disturbance is likely to affect western Himalayan region from 29th November, 2009.*

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

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

- *Isolated rain/thundershowers over Arunachal Pradesh and Assam & Meghalaya..*
- *Mainly dry weather over the region.*

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

- *Mainly dry weather over the region.*

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

- *Isolated rain/thundershowers over Coastal Andhra Pradesh, Rayalseema, Coastal & South Interior Karnataka, Kerala and Andaman & Nicobar Islands.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over the region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 26.11.2009)

- 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 88.47 BCM from the previous week's level of 88.71 BCM. Current storage is less than the last year's position of 95.52 BCM and the average of last 10 year's storage of 91.46 BCM.

Table – 2: For 81 major reservoirs of the country

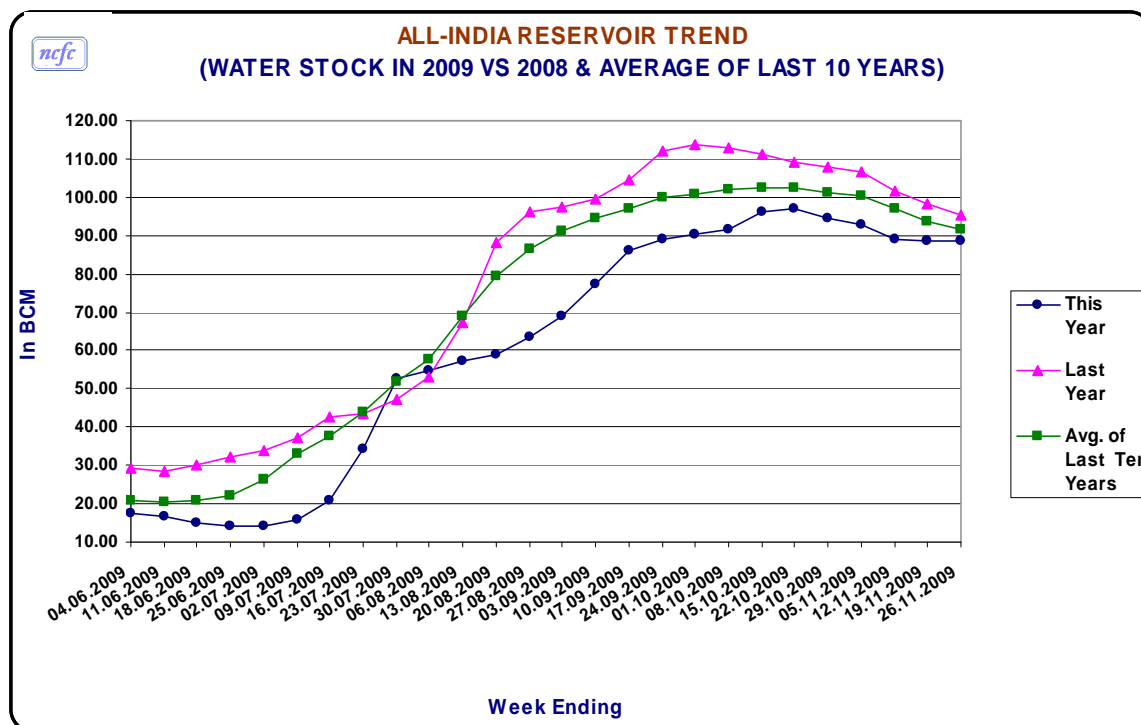
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	58	93	97
Last Week	58	90	95

The percentage to live capacity at FRL was 58% on 26/11/2008, 63% on 26/11/2007, 70% on 23/11/2006 and 81% on 23/11/2005 .

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

Source: CWC

- There were 48 reservoirs having storage more than 80%, 20 reservoirs having storage between 50% to 80% of Normal Storage, 6 reservoirs having storage between 30% to 50% of Normal Storage and 6 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 26th November, 2009</i>	<i>2462</i>	<i>973</i>	<i>484</i>	<i>721</i>
<i>Sales during 1st to 26th November, 2009</i>	<i>1261</i>	<i>685</i>	<i>256</i>	<i>400</i>
<i>Closing Stock as on 26.11.2009</i>	<i>1200</i>	<i>288</i>	<i>228</i>	<i>322</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.

Procurement:

Table – 4: Progressive procurement of Rice as on 26.11.2009 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 26 .11.2009	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	2.05	4.36
Chhattisgarh	28.48	2.80	3.66
Haryana	14.25	17.83	12.70
Kerala	2.37	0.89	0.74
Maharashtra	2.61	0.16	0.08
Orissa	27.90	-	-
Punjab	85.53	92.14	80.82
Tamil Nadu	11.99	0.22	1.85
Uttar Pradesh	36.87	1.96	5.04
Uttaranchal	3.49	0.42	0.33
West Bengal	16.67	-	0.55
All-India	336.04	118.70	110.27