

**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: 19th Nov, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
13.11.2009.**

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 11th November, 2009 was 91.3 mm which is 1% below the L.P.A.*
- *In South Peninsula, rainfall during the above period was 1% above the LPA.*
- *Maximum temperatures are below normal by 3-6°C over some parts of west Madhya Pradesh, Gujarat region, north Madhya Maharashtra, Punjab, Haryana and by 3-4° C over many parts of Rajasthan and Tamilnadu. They are above normal by 6-9° over north Orissa and by 3-5° over Chhattisgarh, Vidarbha, north Andhra Pradesh, Jharkhand, Gangetic West Bengal, and remaining parts of Orissa. They are near normal 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 92.79 BCM on 05.11.2009 to 88.87 BCM on 12.11.2009.*
- *In view of the conducive weather condition, sowing of rabi crops particularly Wheat, Jowar and Rapeseed & Mustard is in full swing.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *All-India progressive procurement of Rice as on 13.11.2009 was 108.14 lakh tonnes which is higher than the procurement of 99.71 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 11th November, 2009

- Widespread rainfall occurred over Tamilnadu & Puducherry on most of the days and over Lakshadweep on 7th to 10th November, 09 and also over Konkan & Goa on 11th November, 09.
- Fairly widespread to widespread rainfall occurred over Kerala on most of the days, over Coastal Karnataka on many days, over Coastal Andhra Pradesh during 1st half of the week, over Andaman & Nicobar Islands on 9th & 10th November, 09 and over Madhya Maharashtra during 2nd half of the week.
- Scattered to fairly widespread rainfall occurred over Jammu & Kashmir and Himachal Pradesh on 9 to 10th November, 09 and over Marathwada during 2nd half of the week and over Konkan & Goa on 9th & 10th November, 09.
- Isolated to scattered rainfall occurred over Rayalaseema and Telangana on many days of the week and over Andaman & Nicobar Islands during 1st half of the week.
- Isolated rainfall occurred over Haryana & Chandigarh and Punjab on 9th & 10th November, 09, over Jharkhand during 2nd half of the week and also over Uttarakhand, Madhya Pradesh, Gujarat Region, Daman, Dadar & Nagar Haveli, Assam & Meghalaya, Gangetic West Bengal and Orissa on one or two days.
- 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 16 met sub-divisions, deficient / scanty in 12 met sub-divisions and no rain in 08 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st October to 11th November, 2009)** was in excess / normal in 23 met sub-divisions and deficient / scanty in 13 met sub-divisions.

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

Region	Week Ending (11.11.09)				Cumulative (01.10.09 to 11.11.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	5.4	2.1	160	E	33.4	33.5	0	N
Central India	9.5	4.8	99	E	71.5	64.9	10	N
South Peninsular India	77.8	24.2	221	E	195.4	193.6	1	N
North-East India	0.2	8.1	-97	S	116.6	138.4	-16	N
Country as a whole	20.2	8.3	143	E	91.3	92.3	-1	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, Madhya Pradesh and Chhattisgarh on most days and over Gujarat Daman & Diu, Madhya Maharashtra, Marathwada and Telangana on many days during the week.
- Above normal to appreciably above normal over Gangetic West Bengal, Orissa, Saurashtra & Kutch, Konkan & Goa, Rayalaseema on most of the days and over Jharkhand, West Uttar Pradesh, Vidarbha, Coastal Andhra Pradesh, Coastal Karnataka on many days of the week.
- Above normal over West Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim on few days and over Andaman & Nicobar Islands, Arunachal Pradesh, East Uttar Pradesh, Bihar, Haryana & Chandigarh, Punjab, Himachal Pradesh, Kerala and Lakshadweep on one or two 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 12th - 18th November, 2009 by IMD

Outlook for the Week Ending 18th November, 2009

- *Scattered to fairly widespread rainfall over is likely to continue over extreme south peninsula during the week.*
- *Isolated to scattered rainfall over northwest and adjoining central India during 1st half of the week.*
- *No significant change in minimum temperature during 1st half of the week and fall in minimum temperature during the 2nd half of the week.*

Warning: Isolated heavy to very heavy rainfall is likely over Assam & Meghalaya and Arunachal Pradesh during next 48 hours.

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Jammu & Kashmir.*
- *Mainly dry weather over the rest region.*

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

- *Mainly dry weather over the region.*

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

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

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

- *Rain/thundershowers at many places over Coastal Andhra Pradesh, Telangana, Rayalseema and Tamil Nadu & Pondicherry and at a few places over Karnataka, Kerala and Lakshadweep.*

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

- *Rain/thundershowers at many places over Madhya Maharashtra and Marathwada.*
- *Mainly dry weather over the rest region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Rain/thundershowers at many places over Madhya Pradesh.*
- *Isolated rain/thundershowers over Vidarbha and Chhattisgarh.*

Reservoir Status (For the week ending on 12.11.2009)

- 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 88.87 BCM from the previous week's level of 92.79 BCM. Current storage is less than the last year's position of 101.52 BCM and the average of last 10 year's storage of 96.88 BCM.

Table – 2: For 81 major reservoirs of the country

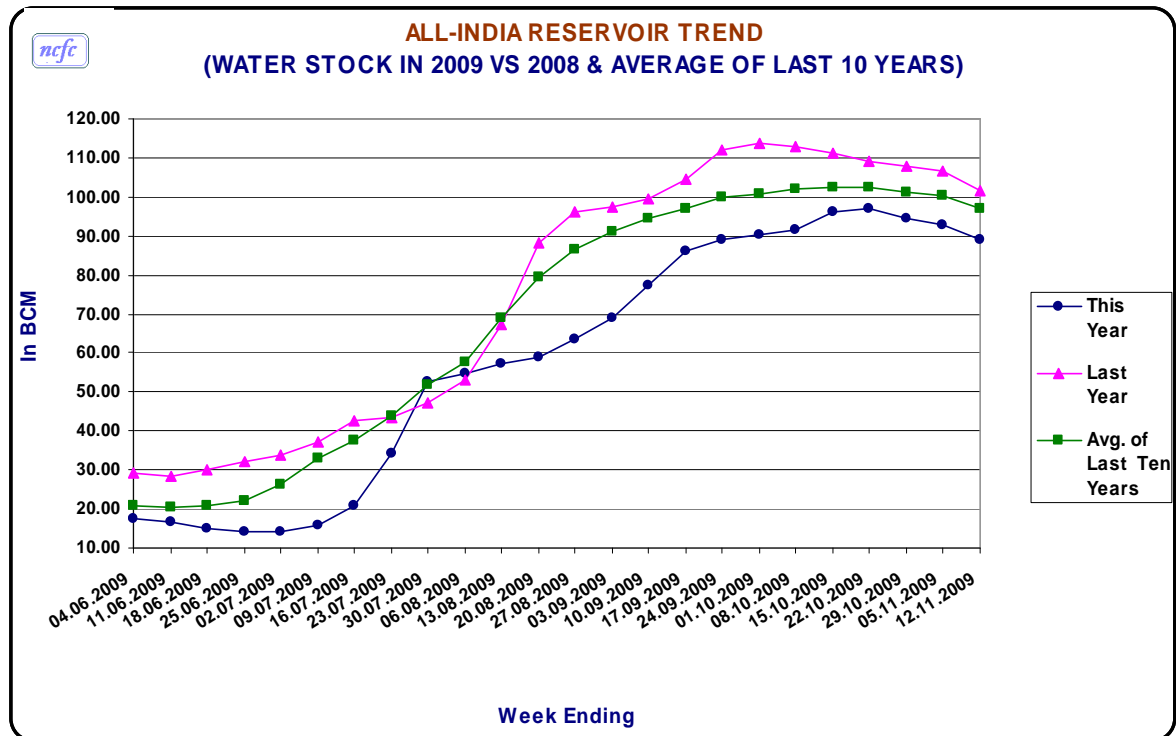
<u>Period</u>	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	59	88	92
Last Week	61	87	93

The percentage to live capacity at FRL was 67% on 12/11/2008, 75% on 12/11/2007, 84% on 09/11/2006 and 82% on 09/11/2005 .

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

Source: CWC

- There were 47 reservoirs having storage more than 80%, 20 reservoirs having storage between 50% to 80% of Normal Storage, 9 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 October, 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 October, 2009</i>	<i>2333</i>	<i>2126</i>	<i>492</i>	<i>945</i>
<i>Availability during 1st to 31st October, 2009</i>	<i>2703</i>	<i>1256</i>	<i>532</i>	<i>1044</i>
<i>Sales during 1st to 31st October, 2009</i>	<i>1958</i>	<i>1122</i>	<i>419</i>	<i>870</i>
<i>Closing Stock as on 31.10.2009</i>	<i>745</i>	<i>134</i>	<i>113</i>	<i>174</i>
<i>Requirement for November, 2009</i>	<i>2970</i>	<i>1581</i>	<i>463</i>	<i>927</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 13.11.2009 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 13.11.2009	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	0.14	1.32
Chhattisgarh	28.48	0.70	1.60
Haryana	14.25	17.27	12.28
Kerala	2.37	0.79	0.54
Maharashtra	2.61	0.03	0.01
Orissa	27.90	-	-
Punjab	85.53	88.17	79.91
Tamil Nadu	11.99	0.22	1.73
Uttar Pradesh	36.87	0.61	2.20
Uttaranchal	3.49	0.05	0.04
West Bengal	16.67	-	-
All-India	336.04	108.14	99.71