

**F.NO. 3-1/2010-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: 29th October, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 22.10.2010.**

Summary observations of the Group on Agenda Item

- *The withdrawal line of Southwest Monsoon continue to pass through Forbesganj, Dhanbad, Champa, Seoni, Khandwa, Bhavnagar and Porbandar.*
- *In the Post monsoon season, cumulative rainfall received for the country as a whole during the period 1st October to 20th October, 2010 was 42.4 mm which is 30% less than L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 114.86 BCM on 13.10.2010 to 112.77 BCM on 21.10.2010.*
- *As per latest information available on sowing of crops, around 99% of the normal area under kharif crops have been sown upto 22.10.2010. Area sown under all kharif crops taken together has been reported to be 1034.75 lakh hectares at All India level as compared to 967.46 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 22.3 lakh ha. under Rice, 4.9 lakh ha. under Maize, 8.4 lakh ha. under Cotton, 8.6 lakh ha. under Sugarcane, 8.4 lakh ha. under Tur, 2.6 lakh ha. under Urad, 5.0 lakh ha. under Moong and 5.2 lakh ha. under Groundnut. Area coverage is lower by 2.5 lakh ha. under Soyabean and 2.9 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 09.10.2010 decreased to 18.05% from the previous week's level of 18.54%. The inflation rate was 9.53% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 7.01% from the previous week's level of 6.88%, Rice to 4.72% from the previous week's level of 2.82%, Cereals to 5.88% from the previous week's level of 5.06% and for Pulses has decreased to 4.44% from the previous week's level of 4.89%.*

- *The inflation for non-food items has increased to 23.64% from the previous week's level of 22.73% and for the food items to 15.53% from the previous week's level of 16.37%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 22.10.2010 was 47.60 lakh tonnes as compared to 51.01 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 Rainfall (October - December) during the week ending on 20th October, 2010

- Widespread rainfall occurred over Kerala during many days and over **Andaman & Nicobar Islands, Orissa, Bihar, Konkan & Goa, Vidarbha, Telangana and Coastal Karnataka** during one or two days of the week.
- Fairly widespread rainfall occurred over **West Bengal & Sikkim, Orissa and Tamil Nadu & Puducherry** during a few days and over **Andaman & Nicobar Islands, Jharkhand, Konkan & Goa, Madhya Maharashtra, Marathawada, Karnataka and Kerala** during one or two days of the week.
- Scattered rainfall occurred over **Andaman & Nicobar Islands** during a few days and over **Arunachal Pradesh, Assam & Meghalaya, Central & Peninsular India** during one or two days of the week.
- Isolated rainfall occurred over **Maharashtra & Goa, Chhattisgarh, Andhra Pradesh and East & Northeast India** during a few days and over **Northwest India** during one or two days of the week.
- Mainly **dry weather** prevailed over the rest regions of the country during the week.
- Rainfall during the week was excess /normal in 16 and deficient / scanty in 14 and no rain in 06 met sub-divisions.
- **Cumulative rainfall (1st June to 20th October, 2010)** was excess / normal in 11 met sub-divisions, deficient / scanty in 24 met sub-divisions and no rain in one met sub-division .

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

Region	Week Ending (20.10.2010)				Cumulative (01.06.10 to 20.10.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	1.3	4.5	-71	S	2.2	25.2	-91	S
Central India	21.3	10.4	105	E	37.5	46.3	-19	N
South Peninsular India	28.1	34.3	-18	N	89.2	102.7	-13	N
East & North-East India	18.7	21.9	-15	N	72.8	105.4	-31	D
Country as a whole	16.1	15.1	6	N	42.4	60.3	-30	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

Maximum temperatures

- Above normal to appreciably above normal over Himachal Pradesh, Jammu & Kashmir, West Rajasthan, Gujarat Region and Tamil Nadu & Puducherry during most days of the week.
- Above normal to appreciably above normal over Northeastern States during 1st half and appreciably above normal to markedly above normal during 2nd half of the week.
- Below normal to appreciably below normal over central India and interior Karnataka during a few days of the week.
- Maximum temperatures were near normal over the rest regions of the country.

Minimum temperatures

- Above normal over Tamil Nadu & Puducherry during 1st half and over Andhra Pradesh during 2nd half of the week.
- Above normal to appreciably above normal over east and northeast India during most days of the week.
- Appreciably above normal to markedly above normal over Rajasthan and Madhya Pradesh during most days of the week.
- Minimum temperatures were near normal over the rest regions of the country.

Weather Outlook / Forecast for the period 21st - 27th October, 2010 by IMD

Outlook for the Week Ending 27th October, 2010

- *Moderate rainfall will occur over Western Himalayan region during next 48 hours.*
- *Fairly widespread rain/thundershowers will occur over Northeastern States and West Coast during 1st half of the week and mainly dry weather thereafter.*
- *Scattered rain/thundershowers would occur over South Peninsula, central & east India during next 48 hours.*
- *Southwest monsoon may withdraw from remaining parts of East & Central India and entire Northeastern States during 2nd half of the week.*
- *Increase in rainfall activity over extreme South Peninsula towards the end of the week enhancing the possibility of onset of Northeast monsoon.*

Warning: Isolated heavy rainfall would occur over Jammu & Kashmir, Himachal Pradesh, South Konkan & Goa, Coastal Karnataka and Kerala during next 24 hours and over Nagaland, Manipur, Mizoram & Tripura during next 48 hours.

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at many places over Himachal Pradesh, Jammu & Kashmir; at a few places over Uttarakhand and Punjab and at isolated over West Uttar Pradesh.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at a few places over West Bengal, Orissa and Jharkhand and at isolated places over Bihar and East UP.*

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

- *Rain/thundershowers at many places over Arunachal Pradesh and NNM&T and at a few places over Assam & Meghalaya.*

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

- *Rain/thundershower at many places over Coastal Karnataka, Kerala and A& N Islands and at a few places over North & South Interior Karnataka and Lakshadweep.*
- *Rain/thundershowers at isolated over the rest region.*

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

- *Rain/thundershowers at many places over Konkan & Goa and Madhya Maharashtra; at a few places over Marathawada and at isolated places over the rest region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Rain/thundershowers at isolated places over MP and at a few places Vidarbha and Chhattisgarh.*

Reservoir Status (For the week ending on 21.10.2010)

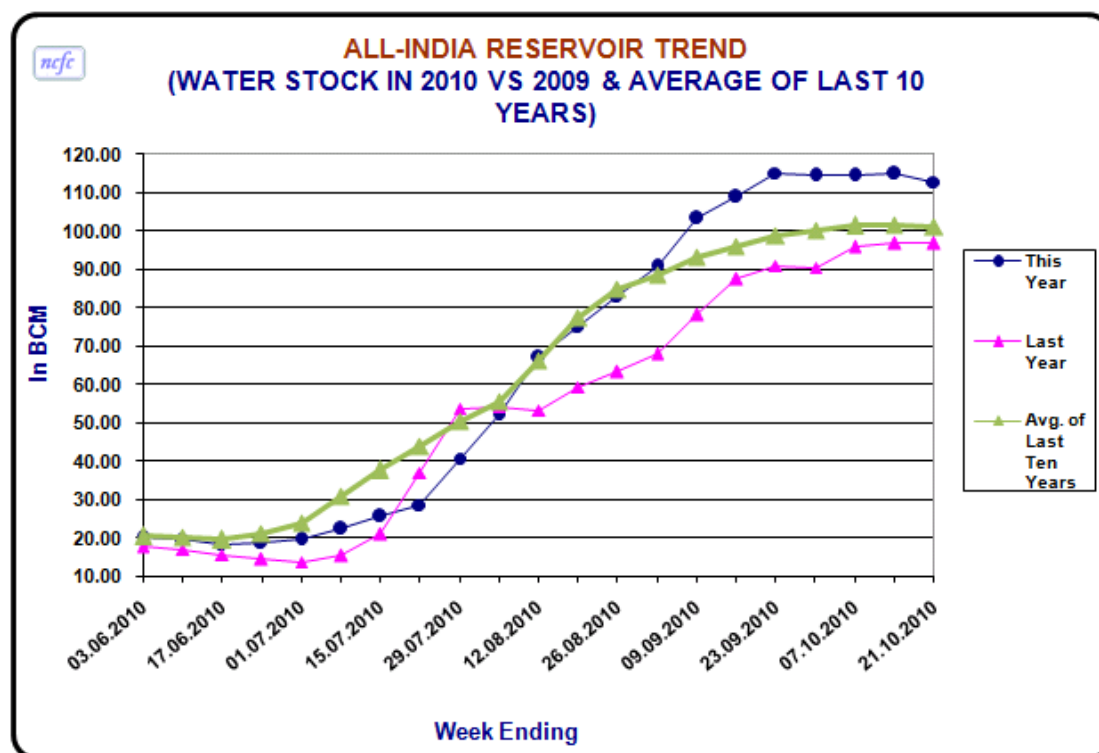
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 112.77 BCM from the previous week's level of 114.86 BCM. Current storage is **more** than the last year's position of 96.64 BCM and average of last 10 year's storage of 100.97 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	74	117	112
Last Week	76	119	113
The percentage to live capacity at FRL was 64% on 21/10/2009, 72% on 21/10/2008, 81% on 18/10/2007 and 84% on 18/10/2006.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 66 reservoirs having storage more than 80%, 10 reservoirs having storage between 50% to 80% of Normal Storage, 2 reservoirs having storage between 30% to 50% of Normal Storage and 3 reservoirs 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 October, 2010

(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, 2010</i>	<i>2456</i>	<i>1845</i>	<i>525</i>	<i>1018</i>
<i>Availability during 1st to 21st October, 2010</i>	<i>1496</i>	<i>1049</i>	<i>347</i>	<i>721</i>
<i>Sales during 1st to 21st October, 2010</i>	<i>868</i>	<i>553</i>	<i>112</i>	<i>354</i>
<i>Closing Stock as on 21.10.2010</i>	<i>628</i>	<i>497</i>	<i>235</i>	<i>367</i>
<i>Requirement for November, 2010</i>	<i>3088</i>	<i>1573</i>	<i>552</i>	<i>961</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 - Kharif (2010) as on 22-10-2010							
Crop Name	Normal Area for whole Kharif Season	Area sown reported			2008	Change vis-à-vis prev. year	
		This Year 2010	% of Normal	Last Year 2009		Absolute Change 2009	Absolute Change 2008
		(In lakh hectares)					
Rice	395.10	355.12	89.9	332.87	386.18	22.3	-31.1
Jowar	35.98	30.55	84.9	30.93	29.99	-0.4	0.6
Bajra	93.29	86.38	92.6	85.18	76.93	1.2	9.4
Maize	68.65	75.84	110.5	70.97	71.47	4.9	4.4
Total Coarse Cereals	222.23	212.16	95.5	206.16	199.85	6.0	12.3
Total Cereals	617.33	567.28	91.9	539.03	586.03	28.3	-18.8
Tur	35.53	44.86	126.3	36.48	34.58	8.4	10.3
Urad	22.82	25.54	112.0	22.92	21.97	2.6	3.6
Moong	26.14	29.80	114.0	24.79	24.12	5.0	5.7
Others	23.46	25.12	107.1	20.78	24.10	4.3	1.0
Total Pulses	107.94	125.32	116.1	104.97	104.78	20.3	20.5
Total Foodgrains	725.27	692.60	95.5	644.00	690.81	48.6	1.8
Groundnut	53.81	49.84	92.6	44.65	52.87	5.2	-3.0
Soyabean	84.00	93.35	111.1	95.82	96.42	-2.5	-3.1
Sunflower	8.15	2.91	35.6	5.85	6.73	-2.9	-3.8
Sesamum	17.76	17.06	96.1	17.62	15.55	-0.6	1.5
Niger	4.23	3.30	77.9	2.85	3.75	0.4	-0.5
Castor	7.78	9.05	116.3	7.64	8.70	1.4	0.3
Total Oilseed	175.72	175.49	99.9	174.43	184.02	1.1	-8.5
Cotton	90.86	108.47	119.4	100.09	90.92	8.4	17.6
Sugarcane	44.97	50.60	112.5	42.02	44.15	8.6	6.5
Jute	7.85	7.59	96.7	6.92	7.37	0.7	0.2
All- Crops	1044.67	1034.75	99.0	967.46	1017.27	67.3	17.5

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 22.10.2010 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 22.10.2010	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	72.78	-	-
Chhattisgarh	33.32	-	-
Haryana	18.19	8.87	11.19
Kerala	2.61	0.24	0.36
Maharashtra	2.20	-	-
Orissa	24.95	-	-
Punjab	92.75	37.99	39.20
Tamil Nadu	12.16	0.45	0.18
Uttar Pradesh	27.26		
Uttaranchal	3.75		
West Bengal	12.40		
All-India	314.78	47.60	51.01