

**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: 21st January, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 14.01.2011.**

Summary observations of the Group on Agenda Item

- *In the winter season, cumulative rainfall received for the country as a whole during the period 1st January to 12th January, 2010 was 1.8 mm which is 71% less than the L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 102.31 BCM on 06.01.2011 to 99.57 BCM on 13.01.2011.*
- *Area sown reported till 14.01.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 106%, 93%, 121% and 90% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 99% of the normal area under rabi crops have been sown upto 14.01.2011, area sown under all rabi crops taken together has been reported to be 591.22 lakh hectares at All India level as compared to 579.59 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 9.3 lakh ha. under Wheat, 8.3 lakh ha. under Gram and 7.0 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 3.5 lakh ha. under Rice, 4.0 lakh ha. under Jowar and 3.3 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. 01.01.2011 decreased to 17.58% from the previous week's level of 20.20%. The inflation rate was 19.83% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to -4.87% from the previous week's level of -5.40%, Rice to 1.34% from the previous week's level of 1.03%, for Cereals to -0.12% from the previous week's level of -0.53% and Pulses has decreased to -14.84% from the previous week's level of -10.54%.*

- *The inflation for non-food items has decreased to 20.49% from the previous week's level of 22.39% and for the food items to 16.91% from the previous week's level of 18.32%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 14.01.2011 was 164.72 lakh tonnes as compared to 178.11 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))

Winter Rainfall (January - February) during the week ending on 12th January, 2011

- **Widespread rainfall** occurred over Andaman & Nicobar Islands during one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands during many days of the week.
- **Isolated rainfall** occurred over Assam & Meghalaya and Kerala during a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir, Tamilnadu & Puducherry and Lakshadweep during one or two days of the week.
- Weather was **mainly dry** over the rest regions of the country.
- Rainfall during the week was excess /normal in 2 and deficient / scanty in 7 and no rain in 27 met sub-divisions.
- **Cumulative rainfall (1st January to 12th January, 2011)** was excess / normal in 3 met sub-divisions, deficient / scanty in 19 met sub-divisions and no rain in 14 met sub-divisions.

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

Region	Week Ending (12.01.2011)				Cumulative (01.01.11 to 12.01.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi-ation (%)	Cate-gory
	Actual	Normal			Actual	Normal		
North-West India	0.3	7.1	-96	S	1.5	11.0	-86	S
Central India	0.0	2.3	-100	NR	0.0	3.3	-99	S
South Peninsular India	2.1	2.9	-28	D	5.0	4.2	17	N
East & North-East India	0.5	4.3	-89	S	2.3	6.4	-64	S
Country as a whole	0.6	4.2	-86	S	1.8	6.4	-71	S

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

Minimum Temperatures

- Markedly below normal over Orissa, Jharkhand, Bihar, East Madhya Pradesh, Marathawada, Vidarbha, Chhattisgarh and Telangana during most days, over North Interior Karnataka and West Madhya Pradesh during many days, over Madhya Maharashtra during a few days and over Gangetic West Bengal, Uttar Pradesh, Konkan & Goa, Rayalaseema and South Interior Karnataka during one or two days of the week.
- Below normal to appreciably below normal over Punjab, Rajasthan, Gujarat and Coastal Andhra Pradesh during most days, over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Uttar Pradesh, Haryana, Chandigarh & Delhi, Konkan & Goa, Rayalaseema and South Interior Karnataka during many days, over West Madhya Pradesh, Madhya Maharashtra and Coastal Karnataka during a few days and over Assam & Meghalaya, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Uttarakhand, Marathawada, Vidarbha, Telangana, Tamilnadu & Puducherry and North Interior Karnataka during one or two days of the week.
- Above normal to appreciably above normal over Nagaland, Manipur, Mizoram & Tripura and Kerala during many days, over Tamilnadu & Puducherry during a few days and over Andaman & Nicobar Islands, West Rajasthan, Konkan & Goa, Coastal Karnataka and Lakshadweep during one or two days of the week.
- Minimum temperatures were normal over the rest regions of the country.

Weather Outlook / Forecast for the period 13th - 19th January, 2011 by IMD

Outlook for the Week Ending 19th January, 2011

- *Scattered rain/thundershowers would occur over northwest and peninsular India during 1st half of the week.*
- *Isolated rain/thundershowers would occur over northeastern states during 2nd half of the week.*
- *Dry weather would prevail over remaining parts of the country.*

Warning:

- *Isolated heavy rain/snow would occur over Jammu & Kashmir and Himachal Pradesh during next 24 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 and Uttarakhand.*
- *Rain/thundershowers at a few places over Haryana, Chandigarh & Delhi, Punjab and West Uttar Pradesh.*

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

- *Rain/thundershowers at isolated places over Sub-Himalayan West Bengal & Sikkim.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at isolated places over the region.*

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

- *Rain/thundershower at isolated places over Andaman & Nicobar Islands, Tamil Nadu & Puducherry and Kerala.*
- *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 13.01.2011)

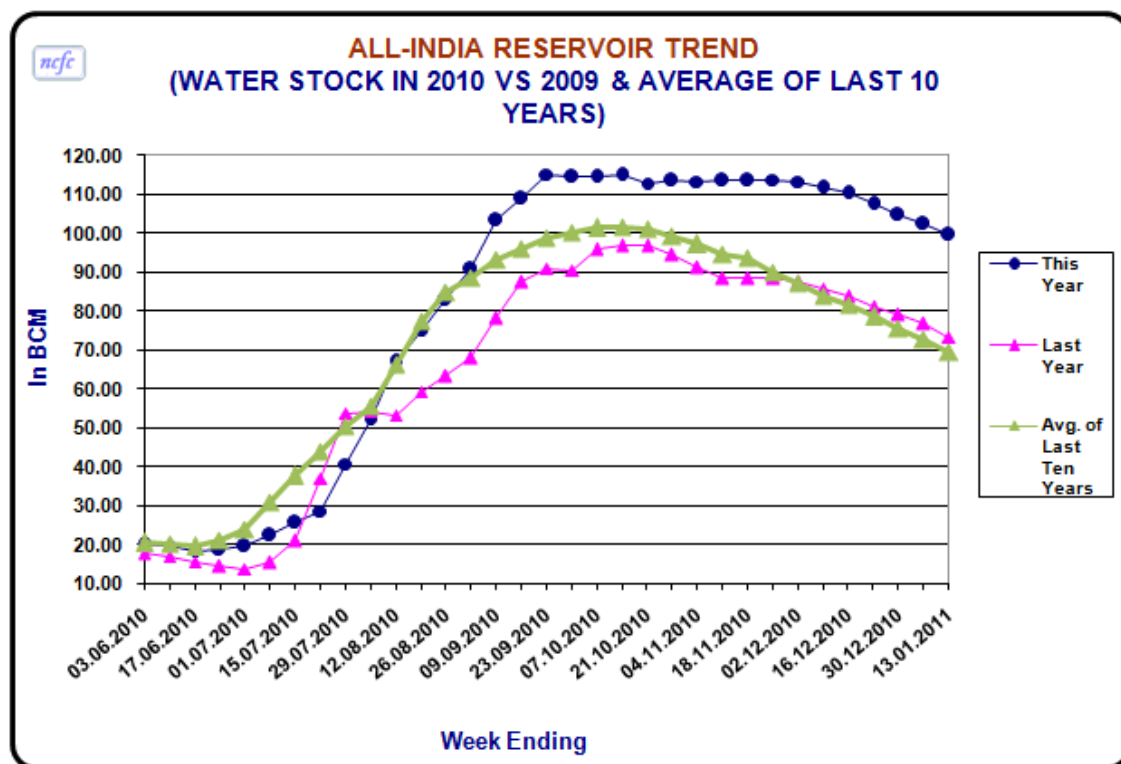
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 99.57 BCM from the previous week's level of 102.31 BCM. Current storage is **more** than the last year's position of 73.24 BCM and average of last 10 year's storage of 69.31 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	66	136	144
Last Week	67	133	141
The percentage to live capacity at FRL was 48% on 13/01/2010, 48% on 13/01/2009, 58% on 10/01/2008 and 61% on 10/01/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 67 reservoirs having storage more than 80%, 9 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 to January 2011

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for 1st October 2010 to 12th January 2011</i>	<i>11974</i>	<i>4549</i>	<i>1887</i>	<i>3410</i>
<i>Availability during 1st October 2010 to 12th January 2011</i>	<i>9221</i>	<i>3578</i>	<i>1358</i>	<i>3394</i>
<i>Sales during 1st October 2010 to 12th January 2011</i>	<i>8568</i>	<i>3318</i>	<i>1016</i>	<i>2990</i>
<i>Closing Stock as on 12.01.2011</i>	<i>653</i>	<i>259</i>	<i>342</i>	<i>404</i>
<i>Requirement for February, 2011</i>	<i>1903</i>	<i>350</i>	<i>333</i>	<i>508</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 (2010-11) as on 14-01-2011							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		14.01.2011	% of Normal	14.01.2010	16.01.2009	2009-10	2008-09
Wheat	273.30	288.43	105.5	279.12	274.05	9.3	14.4
Rice	42.54	9.21	21.7	12.67	10.23	-3.5	-1.0
Jowar	47.07	40.94	87.0	44.93	48.63	-4.0	-7.7
Maize	9.76	10.34	106.0	10.80	10.58	-0.5	-0.2
Total Coarse Cereals	63.23	58.84	93.1	63.57	67.40	-4.7	-8.6
Total Cereals	379.07	356.48	94.0	355.36	351.68	1.1	4.8
Gram	73.14	93.60	128.0	85.30	84.48	8.3	9.1
Lentil	14.30	15.43	107.9	16.11	15.20	-0.7	0.2
Peas	7.32	7.26	99.2	8.15	8.38	-0.9	-1.1
Kulthi(Horse Gram)	2.83	4.89	172.8	4.81	4.62	0.1	0.3
Urad	7.16	7.35	102.7	7.67	6.52	-0.3	0.8
Moong	6.50	4.95	76.2	4.97	4.22	0.0	0.7
Lathyrus	6.41	4.44	69.3	4.07	4.31	0.4	0.1
Others	3.22	7.41	230.1	5.84	6.83	1.6	0.6
Total Pulses	120.21	145.34	120.9	136.93	134.55	8.4	10.8
Total Foodgrains	499.28	501.82	100.5	492.29	486.23	9.5	15.6
Rapeseed & Mustard	67.01	71.12	106.1	64.08	66.30	7.0	4.8
Groundnut	9.09	5.66	62.3	6.83	5.07	-1.2	0.6
Safflower	3.45	2.38	69.0	2.68	2.80	-0.3	-0.4
Sunflower	12.63	4.82	38.2	8.09	10.31	-3.3	-5.5
Sesamum	2.53	0.56	22.0	0.60	0.96	0.0	-0.4
Linseed	4.40	4.24	96.5	4.22	4.42	0.0	-0.2
Others	0.58	0.62	107.3	0.80	1.18	-0.2	-0.6
Total Oilseed (Nine)	99.83	89.40	89.6	87.30	91.03	2.1	-1.6
All- Crops	599.10	591.22	98.7	579.59	577.26	11.6	14.0

Source: Crops & TMOP Divisions, DAC

Procurement:**Table – 5: Progressive procurement of Rice as on 14.01.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 14.01.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	15.22	14.90
Chhattisgarh	33.57	21.70	18.36
Haryana	18.19	16.53	18.05
Kerala	2.61	0.65	0.83
Maharashtra	2.29	0.67	0.90
Orissa	24.96	5.67	7.87
Punjab	92.75	86.34	92.72
Tamil Nadu	12.41	1.13	0.29
Uttar Pradesh	29.01	9.89	18.46
Uttaranchal	3.75	1.75	1.83
West Bengal	12.40	2.51	2.77
All-India	320.34	164.72	178.11