

**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: 09th March, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 04.03.2011.**

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 28th February, 2011 was 31.9 mm which is 22% 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 76.59 BCM on 24.02.2011 to 73.39 BCM on 03.03.2011.*
- *Area sown reported till 04.03.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 96%, 128% and 98% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 108% of the normal area under rabi crops have been sown upto 04.03.2011, area sown under all rabi crops taken together has been reported to be 645.84 lakh hectares at All India level as compared to 624.66 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 10.7 lakh ha. under Gram and 7.7 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.3 lakh ha. under Jowar, 1.3 lakh ha. under Groundnut and 3.4 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 19.02.2011 decreased to 14.85% from the previous week's level of 15.77%. The inflation rate was 21.37% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Pulses has increased to -5.02% from the previous week's level to -5.62%, for Rice to 2.38% from the previous week's level of 1.65% and Wheat has decreased to -2.06% from the previous week's level of -1.01% and for Cereals to 2.01% from the previous week's level of 2.07%.*

- *The inflation for non-food items has decreased to 30.81% from the previous week's level of 31.58% and for the food items to 10.39% from the previous week's level of 11.49%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 04.03.2011 was 231.72 lakh tonnes as compared to 231.57 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 02nd March, 2011

- **Widespread rainfall** occurred over Haryana, Chandigarh & Delhi and Jammu & Kashmir during one or two days of the week.
- **Fairly widespread rainfall** occurred over Kerala during few days and over Uttarakhand, Punjab, Himachal Pradesh, Jammu & Kashmir and Vidarbha during one or two days of the week.
- **Scattered rainfall** occurred over Himachal Pradesh and Tamil Nadu & Puducherry during few days, over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand, Punjab, Jammu & Kashmir, West Rajasthan, Madhya Pradesh, Madhya Maharashtra, Interior Karnataka and Kerala during one or two days of the week.
- **Isolated rainfall** occurred over West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Telangana, Tamil Nadu & Puducherry and Interior Karnataka during a few days and over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, East Uttar Pradesh, Punjab, Himachal Pradesh, Jammu & Kashmir, Rajasthan and Konkan & Goa 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 12, deficient / scanty in 18 and no rain in 6 met sub-divisions.
- **Cumulative rainfall (1st January to 28th February, 2011)** was excess / normal in 13 met sub-divisions and deficient / scanty in 23 met sub-divisions.

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

Region	Week Ending (02.03.2011)				Cumulative (01.01.11 to 28.02.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	9.8	11.9	-18	N	72.4	77.2	-6	N
Central India	1.1	2.3	-51	D	5.6	15.8	-64	S
South Peninsular India	5.7	2.0	186	E	22.6	15.3	48	E
East & North-East India	0.2	10.1	-98	S	20.8	55.5	-62	S
Country as a whole	4.5	6.4	-30	D	31.9	40.9	-22	D

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

Source: India Meteorological Department, New Delhi

Temperature

Minimum Temperatures

- Below normal to appreciably below normal over Orissa during most days, Gangetic West Bengal and Konkan & Goa for many days, over Assam & Meghalaya, Jharkhand, Bihar, Himachal Pradesh and North Interior Karnataka during a few days and over Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Madhya Pradesh, Gujarat, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Coastal Karnataka, South Interior Karnataka and Kerala during one or two days of the week.
- Above normal to appreciably above normal over East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Vidarbha, Telangana, Tamil Nadu & Puducherry for many days, over Andaman & Nicobar Islands and West Madhya Pradesh during few and days and over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, East Uttar Pradesh, Uttarakhand, West Rajasthan, Konkan & Goa, Saurashtra & Kutch, Chhattisgarh, Rayalseema, Interior Karnataka and Lakshadweep during one or two days of the week.
- Markedly below normal over Gangetic West Bengal and Jharkhand during one or two days of the week.
- Minimum temperatures were normal /near normal over the rest regions 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 03rd - 09th March, 2011 by IMD

Outlook for the Week Ending 09th March, 2011

- *Fairly widespread rain/snowfall would occur over Northwest India during the first half of the week.*
- *Minimum temperatures would fall over Northwest India and no significant change over Central India and Northeastern States during the week.*

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at many places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand.*
- *Rain/thundershowers at a few places over rest region of the country.*

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

- *Rain/thundershowers at a few places over East Uttar Pradesh and at isolated places over Bihar.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at a few places over Arunachal Pradesh.*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershower at a few places over Tamil Nadu & Puducherry, Kerala and at isolated places over Lakshadweep*
- *Mainly dry weather over the rest region.*

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

- *Rain/thundershowers at isolated places over Rajasthan.*
- *Mainly dry weather over the region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Rain/thundershowers at isolated places over Madhya Pradesh.*
- *Mainly dry weather over the rest region.*

Reservoir Status (For the week ending on 03.03.2011)

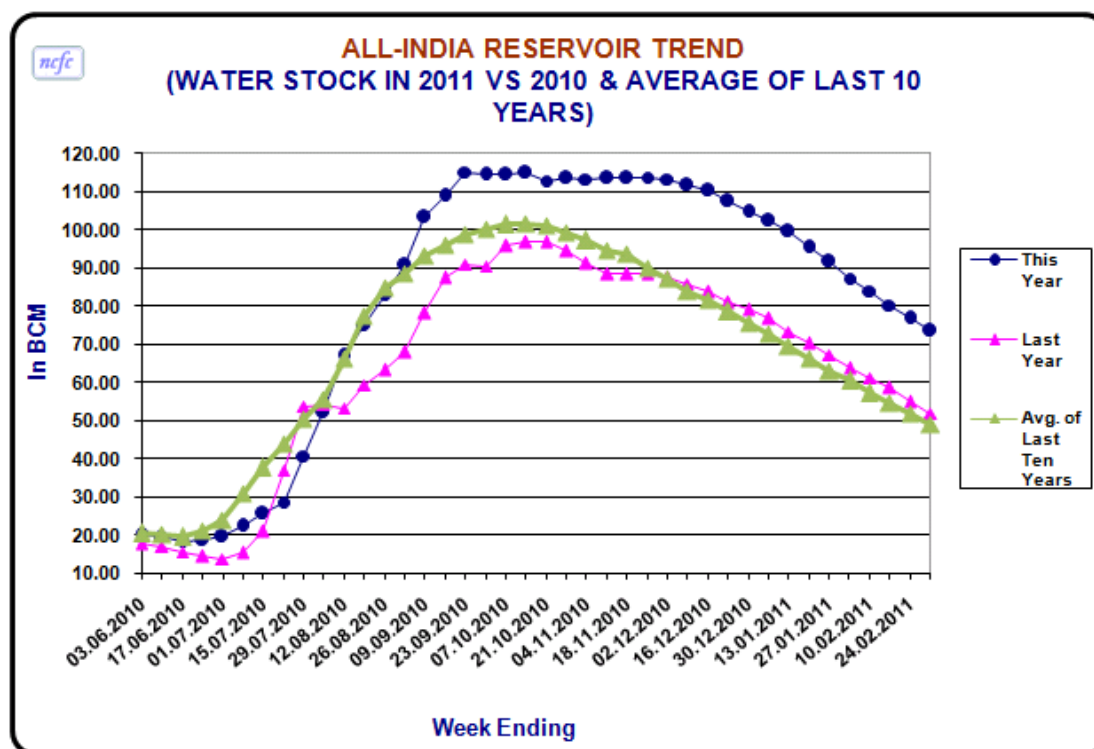
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 73.39 BCM from the previous week's level of 76.59 BCM. Current storage is **more** than the last year's position of 51.78 BCM and average of last 10 year's storage of 48.85 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	48	142	150
Last Week	50	140	148
The percentage to live capacity at FRL was 34% on 03/03/2010, 32% on 03/03/2009, 41% on 28/02/2008 and 46% on 28/02/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 65 reservoirs having storage more than 80%, 7 reservoirs having storage between 50% to 80% of Normal Storage, 5 reservoirs having storage between 30% to 50% of Normal Storage and 4 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 February 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 28th February 2011</i>	<i>13877</i>	<i>4899</i>	<i>2220</i>	<i>3918</i>
<i>Availability during 1st October 2010 to 28th February 2011</i>	<i>13692</i>	<i>4436</i>	<i>1824</i>	<i>4783</i>
<i>Sales during 1st October 2010 to 28th February 2011</i>	<i>13120</i>	<i>4263</i>	<i>1667</i>	<i>4370</i>
<i>Closing Stock as on 28.02.2011</i>	<i>572</i>	<i>173</i>	<i>156</i>	<i>413</i>
<i>Requirement for March, 2011</i>	<i>1537</i>	<i>318</i>	<i>262</i>	<i>413</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 04-03-2011							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		04.03.2011	% of Normal	04.03.2010	06.03.2009	2009-10	2008-09
Wheat	273.30	294.06	107.6	283.60	277.98	10.5	16.1
Rice	42.57	39.79	93.5	40.57	43.03	-0.8	-3.2
Jowar	47.07	41.18	87.5	45.43	48.82	-4.3	-7.6
Maize	9.76	11.98	122.8	12.24	12.22	-0.3	-0.2
Total Coarse Cereals	63.23	60.90	96.3	65.78	69.24	-4.9	-8.3
Total Cereals	379.10	394.75	104.1	389.95	390.25	4.8	4.5
Gram	73.14	95.76	130.9	85.10	85.81	10.7	9.9
Lentil	14.26	15.61	109.5	15.46	15.21	0.1	0.4
Peas	7.32	7.35	100.4	7.47	8.44	-0.1	-1.1
Kulthi(Horse Gram)	2.64	4.98	188.5	4.91	5.10	0.1	-0.1
Urad	7.20	9.33	129.6	9.47	9.93	-0.1	-0.6
Moong	6.29	7.87	125.1	7.87	7.18	0.0	0.7
Lathyrus	6.05	4.73	78.1	3.88	4.31	0.9	0.4
Others	3.29	7.80	236.8	6.41	6.91	1.4	0.9
Total Pulses	120.21	153.43	127.6	140.57	142.88	12.9	10.5
Total Foodgrains	499.30	548.18	109.8	530.52	533.13	17.7	15.0
Rapeseed & Mustard	67.01	72.45	108.1	64.76	66.19	7.7	6.3
Groundnut	9.09	8.62	94.9	9.94	9.74	-1.3	-1.1
Safflower	3.45	2.42	70.1	2.67	2.82	-0.2	-0.4
Sunflower	12.63	5.69	45.1	9.04	11.63	-3.4	-5.9
Sesamum	2.53	1.71	67.6	1.75	1.30	0.0	0.4
Linseed	4.40	5.05	114.9	4.46	4.56	0.6	0.5
Others	0.58	1.72	297.6	1.52	1.67	0.2	0.1
Total Oilseed (Nine)	99.83	97.66	97.8	94.14	97.90	3.5	-0.2
All- Crops	599.13	645.84	107.8	624.66	631.03	21.2	14.8
Source: Crops & TMOP Divisions, DAC							

Procurement:

Table – 5: Progressive procurement of Rice as on 04.03.2011 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 04.03.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	32.27	29.55
Chhattisgarh	33.57	34.79	29.80
Haryana	18.19	16.58	18.11
Kerala	2.61	0.87	1.23
Maharashtra	2.29	1.36	1.38
Orissa	24.96	15.31	14.47
Punjab	92.75	86.34	92.78
Tamil Nadu	12.41	8.32	6.11
Uttar Pradesh	29.01	19.15	23.84
Uttaranchal	3.75	2.74	2.68
West Bengal	12.40	6.55	6.46
All-India	320.34	231.72	231.57