

**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: 01st April, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 25.03.2011.**

Summary observations of the Group on Agenda Item

- *In the Pre-Monsoon season, cumulative rainfall received for the country as a whole during the period 1st March to 23rd March, 2011 was 14.4 mm which is 34% 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 66.14 BCM on 17.03.2011 to 62.21 BCM on 24.03.2011.*
- *Area sown reported till 25.03.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 130% and 100% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 110% of the normal area under rabi crops have been sown upto 25.03.2011, area sown under all rabi crops taken together has been reported to be 655.83 lakh hectares at All India level as compared to 629.96 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 10.9 lakh ha. under Gram and 7.7 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, and 3.2 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 12.03.2011 increased to 13.53% from the previous week's level of 12.31%. The inflation rate was 22.21% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 2.15% from the previous week's level to 0.69% and for Cereals to 4.45% from the previous week's level of 3.88%, for Pulses has decreased to -3.78% from the previous week's level of -3.05% and Rice to 2.75% remained steady.*

- *The inflation for non-food items has increased to 26.78% from the previous week's level of 23.03% and for the food items to 10.05% from the previous week's level of 9.42%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 25.03.2011 was 246.29 lakh tonnes as compared to 248.10 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))

Pre-Monsoon Rainfall (March - May) during the week ending on 23rd March, 2011

- **Fairly widespread rainfall** occurred over Assam & Meghalaya and Jammu & Kashmir during one or two days of the week.
- **Scattered rainfall** occurred over Arunachal Pradesh during a few days and over Assam & Meghalaya, Uttarakhand and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Arunachal Pradesh during many days, over Sub-Himalayan West Bengal & Sikkim and Himachal Pradesh during a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Jammu & Kashmir and Kerala 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 04, deficient / scanty in 09 and no rain in 23 out of 36 met sub-divisions.
- **Cumulative rainfall (1st March to 23rd March, 2011)** was excess / normal in 03 met sub-divisions, deficient / scanty in 27 met sub-divisions and no rain in 06 out of 36 met sub-divisions.

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

Region	Week Ending (23.03.2011)				Cumulative (01.01.11 to 23.03.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	8.5	13.7	-38	D	23.9	36.7	-35	D
Central India	0.0	1.7	-100	NR	0.8	6.6	-87	S
South Peninsular India	0.8	2.0	-61	S	3.5	8.0	-56	D
East & North-East India	30.1	16.0	89	E	38.2	43.4	-12	N
Country as a whole	7.6	7.7	-2	N	14.4	22.0	-34	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 Temperature

- Markedly above normal over Himachal Pradesh during many days of the week, over Jammu & Kashmir during few days and over Uttarakhand, Rajasthan and Madhya Pradesh for one or two days during the week.
- Markedly below normal over northeastern states and Sub-Himalayan West Bengal & Sikkim for one or two days,
- Below normal to appreciably below normal over Coastal Andhra Pradesh during many days and over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jammu & Kashmir, Gujarat state, Madhya Maharashtra, Vidarbha, Rayalaseema, Tamilnadu & Puducherry and interior Karnataka during one or two days of the week.
- Above normal to appreciably above normal over Orissa, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Rajasthan, Madhya Pradesh, Chhattisgarh and Coastal Karnataka during most days, over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Gujarat states, Madhya Maharashtra, Vidarbha and Telangana during many days, over Nagaland, Manipur, Mizoram & Tripura, Saurashtra & Kutch, Marathwada, Rayalaseema and Tamilnadu & Puducherry during a few days and over Arunachal Pradesh, Gangetic West Bengal, Coastal Andhra Pradesh, South interior Karnataka and Lakshadweep for one or two days during the week.
- Maximum temperatures were normal/near normal over the rest regions of the country.

Minimum Temperatures

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

Weather Outlook / Forecast for the period 24th - 30th March, 2011 by IMD

Outlook for the Week Ending 30th March, 2011

- *Cyclonic disturbance would form from Andaman Sea and adjoining areas of Southeast Bay of Bengal during 2nd half of the week.*
- *Fairly widespread to widespread rainfall would occur over Andaman & Nicobar Islands during the week.*
- *Isolated rain/thundershowers would occur over Eastern and Northeastern States accompanied with strong wind during 1st half of the week.*
- *Maximum temperatures would rise over conditions would prevail over Northwest and Central India during the week.*
- *No significant change in maximum temperatures over Peninsular India during the week.*

Zone-wise Weather Forecast:

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

- *Rain/thundershowers at isolated places over Haryana, Chandigarh & Delhi and West UP.*
- *Mainly dry weather over the rest region.*

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

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

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

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

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

- *Rain/thundershower at many places over Andaman & Nicobar Islands, at a few places over Tamil Nadu & Puducherry and at isolated places the rest region.*

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

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

Central India (MP, Chhattisgarh, Vidarbha)

- *Rain/thundershower at isolated places over Vidarbha and Chhattisgarh.*
- *Mainly dry weather over the rest region.*

Reservoir Status (For the week ending on 24.03.2011)

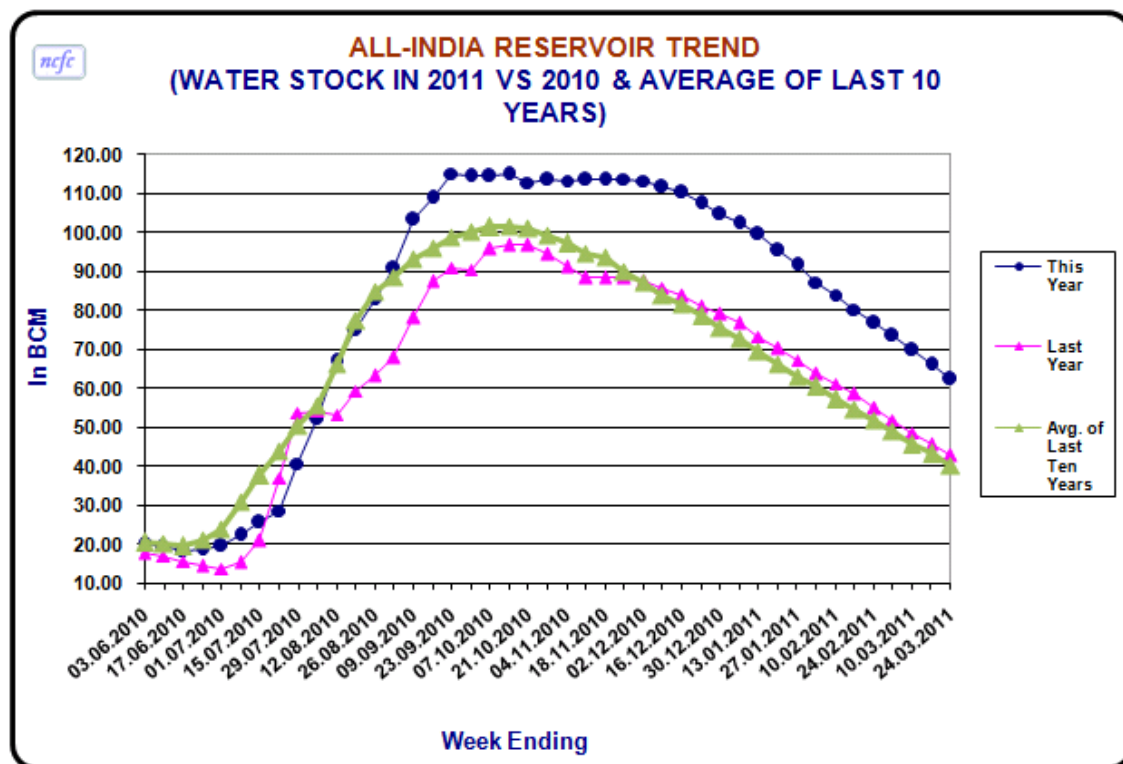
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 62.21 BCM from the previous week's level of 66.14 BCM. Current storage is **more** than the last year's position of 42.62 BCM and average of last 10 year's storage of 40.20 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	41	146	155
Last Week	44	145	154
The percentage to live capacity at FRL was 30% on 17/03/2010, 28% on 17/03/2009, 37% on 13/03/2008 and 43% on 13/03/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 64 reservoirs having storage more than 80%, 6 reservoirs having storage between 50% to 80% of Normal Storage, 6 reservoirs having storage between 30% to 50% of Normal Storage and 5 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 March 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 23rd March 2011</i>	<i>15414</i>	<i>5217</i>	<i>2482</i>	<i>4331</i>
<i>Availability during 1st October 2010 to 23rd March 2011</i>	<i>15024</i>	<i>4662</i>	<i>1958</i>	<i>5154</i>
<i>Sales during 1st October 2010 to 23rd March 2011</i>	<i>14277</i>	<i>4533</i>	<i>1776</i>	<i>4738</i>
<i>Closing Stock as on 23.03.2011</i>	<i>747</i>	<i>129</i>	<i>182</i>	<i>417</i>
<i>Requirement for April, 2011</i>	<i>1378</i>	<i>687</i>	<i>214</i>	<i>514</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 25-03-2011							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		25.03.2011	% of Normal	25.03.2010	27.03.2009	2009-10	2008-09
Wheat	273.30	294.08	107.6	283.60	277.98	10.5	16.1
Rice	42.57	43.48	102.1	43.12	46.47	0.4	-3.0
Jowar	47.07	41.19	87.5	45.43	48.82	-4.2	-7.6
Maize	9.76	12.32	126.3	12.25	12.22	0.1	0.1
Total Coarse Cereals	63.23	61.88	97.9	65.84	69.24	-4.0	-7.4
Total Cereals	379.10	399.44	105.4	392.56	393.69	6.9	5.8
Gram	73.14	96.02	131.3	85.10	86.80	10.9	9.2
Lentil	14.26	15.70	110.1	15.46	15.65	0.2	0.1
Peas	7.32	7.35	100.4	7.40	8.69	-0.1	-1.3
Kulthi(Horse Gram)	2.64	4.99	188.9	4.92	5.09	0.1	-0.1
Urad	7.20	11.00	152.8	10.90	10.01	0.1	1.0
Moong	6.29	8.81	140.0	8.56	7.40	0.3	1.4
Lathyrus	6.05	4.81	79.5	3.88	4.31	0.9	0.5
Others	3.29	7.85	238.3	6.44	7.18	1.4	0.7
Total Pulses	120.21	156.53	130.2	142.66	145.13	13.9	11.4
Total Foodgrains	499.30	555.97	111.3	535.22	538.82	20.8	17.1
Rapeseed & Mustard	67.01	72.48	108.2	64.77	66.24	7.7	6.2
Groundnut	9.09	10.04	110.5	10.16	10.66	-0.1	-0.6
Safflower	3.45	2.41	69.7	2.67	2.82	-0.3	-0.4
Sunflower	12.63	5.88	46.6	9.10	11.75	-3.2	-5.9
Sesamum	2.53	2.27	89.6	2.00	1.67	0.3	0.6
Linseed	4.40	5.06	115.1	4.51	4.56	0.5	0.5
Others	0.58	1.72	297.6	1.53	1.82	0.2	-0.1
Total Oilseed (Nine)	99.83	99.86	100.0	94.74	99.51	5.1	0.3
All- Crops	599.13	655.83	109.5	629.96	638.33	25.9	17.5

Source: Crops & TMOP Divisions, DAC

Procurement:**Table – 5: Progressive procurement of Rice as on 25.03.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 25.03.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	38.57	35.30
Chhattisgarh	33.57	34.93	30.17
Haryana	18.19	16.59	18.13
Kerala	2.61	1.32	1.95
Maharashtra	2.29	1.79	1.71
Orissa	24.96	15.45	18.06
Punjab	92.75	86.34	92.86
Tamil Nadu	12.41	10.86	7.74
Uttar Pradesh	29.01	21.17	24.95
Uttaranchal	3.75	3.06	3.06
West Bengal	12.40	7.11	7.20
All-India	320.34	246.29	248.10