

**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: 25th April, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 15.04.2011.**

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 13th April, 2011 was 33.5 mm which is 26% 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 54.95 BCM on 07.04.2011 to 52.48 BCM on 13.04.2011.*
- *Area sown reported till 15.04.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 108%, 98%, 131% and 102% 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 15.04.2011, area sown under all rabi crops taken together has been reported to be 660.04 lakh hectares at All India level as compared to 634.95 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 10.5 lakh ha. under Wheat, 11.6 lakh ha. under Gram and 6.9 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Jowar, 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 02.04.2011 decreased to 11.40% from the previous week's level of 12.97%. The inflation rate was 21.78% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 2.20% from the previous week's level to 2.08%, for Pulses to -4.76% from the previous week's level of -5.39% and Wheat has decreased to -1.05% from the previous week's level to 0.29% and for Cereals to 3.49% from the previous week's level of 3.62%.*

- *The inflation for non-food items has decreased to 26.77% from the previous week's level of 27.56% and for the food items to 8.28% from the previous week's level of 9.18%.*
- *All-India progressive procurement of Wheat as on 15.04.2011 was 21.03 lakh tonnes which is lower than the procurement of 85.56 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 15.04.2011 was 256.00 lakh tonnes as compared to 258.40 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 13th April, 2011

- **Widespread rainfall** occurred over Jammu & Kashmir during one or two days of the week.
- **Fairly widespread rainfall** occurred over Uttarakhand, Himachal Pradesh, Vidarbha and Coastal Karnataka during one or two days of the week.
- **Scattered rainfall** occurred over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Punjab, Himachal Pradesh, Jammu & Kashmir, Marathawada, Chhattisgarh, Kerala and Lakshadweep during one or two days of the week.
- **Isolated rainfall** occurred over Andaman & Nicobar Islands, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Haryana, Chandigarh & Delhi and Madhya Maharashtra during many days, over Punjab, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Marathawada and North Interior Karnataka for a few days and over Arunachal Pradesh, Gangetic West Bengal, Orissa, Bihar, Uttar Pradesh, Uttarakhand, Jammu & Kashmir, East Rajasthan, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Vidarbha, Chhattisgarh, Tamil Nadu & Puducherry, South Interior Karnataka and Kerala for one or two days during the week.
- Weather was **mainly dry** over the rest regions of the country.
- Rainfall during the week was excess / normal in 15, deficient / scanty in 18 and no rain in 3 out of 36 met sub-divisions.
- **Cumulative rainfall (1st March to 13th April, 2011)** was excess / normal in 09 met sub-divisions, deficient / scanty in 25 met sub-divisions and no rain in 02 out of 36 met sub-divisions.

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

Region	Week Ending (13.04.2011)				Cumulative (01.03.11 to 13.04.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	10.4	6.9	50	E	50.8	61.0	-17	D
Central India	2.5	1.9	35	E	6.4	13.4	-52	D
South Peninsular India	3.4	6.4	-46	D	14.0	23.0	-39	D
East & North-East India	5.7	22.4	-74	S	81.5	109.0	-25	D
Country as a whole	5.6	7.6	-26	D	33.5	45.2	-26	D

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

Source: India Meteorological Department, New Delhi

Temperature

Maximum Temperature

- Markedly below normal over Gangetic West Bengal, Uttarakhand, Himachal Pradesh and Jammu & Kashmir during one or two days of the week.
- Below normal to appreciably below normal over Punjab, West Rajasthan, Vidarbha and Telangana during many days, over Orissa, West Uttar Pradesh, Haryana, Chandigarh & Delhi, Chhattisgarh and North Interior Karnataka during a few days and over Arunachal Pradesh, Assam & Meghalaya, West Bengal & Sikkim, Jharkhand, Bihar, East Uttar Pradesh, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, Madhya Pradesh, Gujarat region and Marathwada during one or two days of the week.
- Above normal to appreciably above normal over Tamilnadu & Puducherry during most days, over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Saurashtra & Kutch and Coastal Karnataka during many days, over Sub-Himalayan West Bengal & Sikkim, East Madhya Pradesh and Gujarat region during a few days and over Orissa, Jharkhand, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh, Rayalaseema and Kerala during one or two days of the week.
- Maximum 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 14th - 20th April, 2011 by IMD

Outlook for the Week Ending 20th April, 2011

- *Fairly widespread rain / thundershowers would occur over Northwest India during 1st half of the week.*
- *Isolated thundersqualls would occur over Northeastern States during the week.*
- *Fairly widespread rainfall would occur over Peninsular India during 1st half of the week.*
- *Maximum temperatures would be generally normal to below normal over most parts of the country.*

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 13.04.2011)

- 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 52.48 BCM from the previous week's level of 54.95 BCM. Current storage is **more** than the last year's position of 35.10 BCM and average of last 10 year's storage of 33.81 BCM.

Table – 3: For 81 major reservoirs of the country

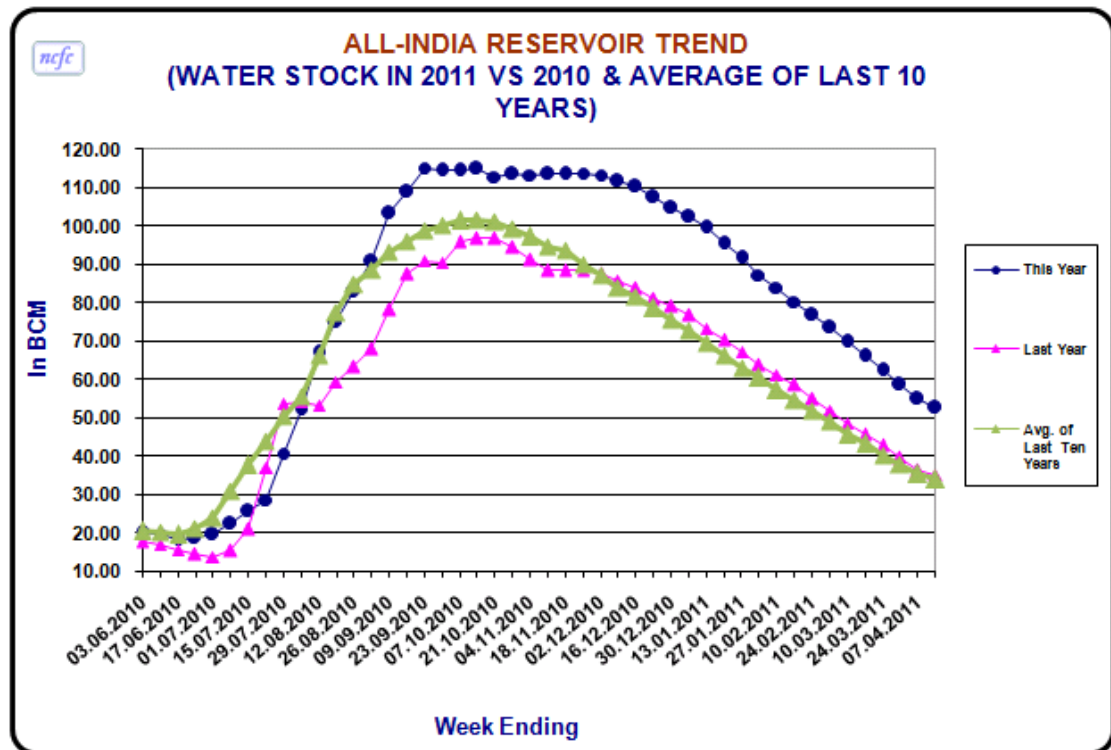
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	35	150	155
Last Week	36	151	156

The percentage to live capacity at FRL was 23% on 13/04/2010, 21% on 13/04/2009, 31% on 10/04/2008 and 33% on 10/04/2007.

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

Source: CWC

- There were 63 reservoirs having storage more than 80%, 8 reservoirs having storage between 50% to 80% of Normal Storage, 5 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 – 4: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April, 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 April, 2011</i>	<i>1378</i>	<i>687</i>	<i>214</i>	<i>514</i>
<i>Availability during 1st to 12 April, 2011</i>	<i>515</i>	<i>63</i>	<i>0.92</i>	<i>204</i>
<i>Sales during 1st to 12th April, 2011</i>	<i>67</i>	<i>16</i>	<i>0.01</i>	<i>29</i>
<i>Closing Stock as on 12.04.2011</i>	<i>449</i>	<i>47</i>	<i>0.91</i>	<i>175</i>
<i>Requirement for May, 2011</i>	<i>1929</i>	<i>1082</i>	<i>262</i>	<i>709</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.

All India Crop Situation - Rabi (2010-11) as on 15-04-2011

Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		15.04.2011	% of Normal	15.04.2010	17.04.2009	2010-11	2009-10
Wheat	273.30	294.08	107.6	283.60	277.98	10.5	16.1
Rice	42.57	44.51	104.6	44.30	47.34	0.2	-2.8
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	400.47	105.6	393.74	394.56	6.7	5.9
Gram	73.14	96.68	132.2	85.10	86.82	11.6	9.9
Lentil	14.26	15.70	110.1	15.46	15.65	0.2	0.1
Peas	7.32	7.36	100.5	7.40	8.69	0.0	-1.3
Kulthi(Horse Gram)	2.64	4.99	188.9	4.92	5.11	0.1	-0.1
Urad	7.20	11.45	159.1	11.10	10.27	0.4	1.2
Moong	6.29	9.21	146.4	8.70	7.48	0.5	1.7
Lathyrus	6.05	4.82	79.6	3.88	4.31	0.9	0.5
Others	3.29	7.31	221.9	6.47	7.36	0.8	-0.1
Total Pulses	120.21	157.52	131.0	143.03	145.71	14.5	11.8
Total Foodgrains	499.30	557.99	111.8	536.77	540.27	21.2	17.7
Rapeseed & Mustard	67.01	72.47	108.1	65.56	66.24	6.9	6.2
Groundnut	9.09	11.11	122.3	11.27	10.90	-0.2	0.2
Safflower	3.45	2.41	69.7	2.68	2.80	-0.3	-0.4
Sunflower	12.63	5.91	46.8	9.34	12.32	-3.4	-6.4
Sesamum	2.53	3.43	135.4	3.29	1.77	0.1	1.7
Linseed	4.40	5.00	113.7	4.51	4.56	0.5	0.4
Others	0.58	1.73	299.3	1.52	1.91	0.2	-0.2
Total Oilseed (Nine)	99.83	102.05	102.2	98.18	100.50	3.9	1.6
All- Crops	599.13	660.04	110.2	634.95	640.77	25.1	19.3

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 15.04.2011 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 15.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Punjab	102.09	0.81	31.34
Haryana	63.47	8.20	37.64
Uttar Pradesh	16.45	0.21	0.33
Madhya Pradesh	35.38	11.73	15.31
Rajasthan	4.76	0.00	0.00
All-India	225.14	21.03	85.56

Table – 6: Progressive procurement of Rice as on 15.04.2011 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 15.04.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	42.75	39.60
Chhattisgarh	33.57	35.06	30.39
Haryana	18.19	16.59	18.14
Kerala	2.61	1.71	2.30
Maharashtra	2.29	1.95	1.81
Orissa	24.96	15.60	18.23
Punjab	92.75	86.34	92.88
Tamil Nadu	12.41	11.86	9.06
Uttar Pradesh	29.01	22.47	26.76
Uttaranchal	3.75	3.33	3.32
West Bengal	12.40	8.12	8.33
All-India	320.34	256.00	258.40