

**F.NO. 3-1/2012-CFCC – E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(CROP FORECAST COORDINATION CENTRE)**

Room No. 344-A, Krishi Bhawan
New Delhi, Dated: 12th April, 2013

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
05.04.2013.**

Summary observations of the Group on Agenda Items

- *Cumulative Pre-monsoon Rainfall for the country as a whole during the period 1st March to 03rd April, 2013 is 49% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-)55% in North West India, (-)43% in Central India, 19% in South Peninsula and (-) 57% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 10 met sub-divisions constituting 26% of the total area of the country have received excess / normal rainfall 23 met sub-divisions constituting 67% of the total area of the country have received deficient/scanty rainfall and 03 met sub-divisions constituting 7% of the total area of the country have received no rainfall.*
- *Central Water Commission monitors 84 major reservoirs in the country which have a total live capacity of 154.42 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 04th April, 2013 was 53.77 BCM as against 48.92 BCM on 04.04.2012(last year) and 42.74 BCM of normal storage (average storage of the last 10 years). Current year's storage is 110% of the last year's and 126% of the normal storage.*
- *Area coverage under various crops for Rabi season 2012-13 has been finalized and released as 2nd Advance Estimates by the Department.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of February 2013, increased to 6.84% from the level of 6.62% in the month of January, 2013. The inflation rate was 7.60% during the corresponding period of last year.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of February 2013, decreased to 9.70% from the level of 10.31% in the month of January, 2013. The inflation rate was 7.10% during the corresponding period of last year.*

- *The inflation for non-food items has decreased to 10.06% from the previous month's level of 10.49% and for the food items to 11.38% from the previous month's level of 11.88%.*
- *Among the foodgrains, inflation for Rice has increased to 18.84% from the previous month's level of 17.31%, Wheat to 21.63% from the previous month's level of 21.39% and Cereals to 19.19% from the previous month's level of 18.09% and Pulses has decreased to 14.96% from the previous month's level of 16.89%.*
- *All-India progressive procurement of Rice for the marketing season 2012-13 as on 05.04.2013 was 296.09 lakh tonnes against the procurement of 294.22 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 03rd April), 2013

- **Widespread rainfall** occurred over Arunachal Pradesh for one or two days of the week.
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- **Fairly widespread rainfall** occurred over Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir and East Madhya Pradesh for one or two days of the week.
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- **Scattered rainfall** occurred over Arunachal Pradesh, Assam & Meghalaya, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Jammu & Kashmir, Chhattisgarh, Telangana and Rayalseema for one or two days of the week.
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- **Isolated rainfall** occurred over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and South Interior Karnataka for most days; over Nagaland, Manipur, Mizoram & Tripura, Odisha, Jharkhand and West Rajasthan for many days; over Arunachal Pradesh, Gangetic West Bengal, Himachal Pradesh, East Rajasthan, Chhattisgarh, Tamil Nadu & Puducherry and Kerala for a few days and over Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Jammu & Kashmir, East Madhya Pradesh, Gujarat Region, Vidarbha, Andhra Pradesh and North Interior Karnataka for one or two days of the week.
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- Weather was mainly **dry** over the rest region of the country.
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- **Rainfall during the week (28th March - 03rd April, 2013)** Rainfall was excess / normal in 08 met sub-divisions, deficient / scanty in 20 and no rain in 08 out of 36 meteorological sub-divisions.
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- **Cumulative rainfall (01st March - 03rd April, 2013)** Rainfall was excess / normal in 10 met sub-divisions, deficient / scanty in 23 met sub-divisions and no rain in 03 met sub-divisions out of 36 meteorological sub-divisions.

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

Region	Week Ending (03.04.2013)				Cumulative (01.03.13 to 03.04.13)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	4.5	7.0	-36	D	22.8	51.0	-55	D
Central India	1.8	2.4	-23	D	6.0	10.5	-43	D
South Peninsular India	3.3	3.8	-14	N	16.4	13.8	19	N
East & North-East India	10.4	22.4	-53	D	33.2	77.0	-57	D
Country as a whole	4.3	7.3	-41	D	17.5	34.2	-49	D

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.
Source: India Meteorological Department, New Delhi

Temperature

Maximum Temperature

- Above normal to appreciably above normal over Nagaland, Manipur, Mizoram & Tripura for many days; over Himachal Pradesh, West Rajasthan and Interior Karnataka for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Odisha, Uttarakhand, Punjab, Jammu & Kashmir, East Rajasthan, Vidarbha, Telangana and Rayalseema for a few days of the week.
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- Below normal to appreciably below normal over Madhya Pradesh and Gujarat State for many days; over West Uttar Pradesh and Haryana, Chandigarh & Delhi for a few days and over Arunachal Pradesh, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Rajasthan and Vidarbha for one or two days of the week
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- Near normal over rest region 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.

Minimum Temperature

- Above normal to appreciably above normal over Sub-Himalayan West Bengal & Sikkim, West Madhya Pradesh, Telangana and Rayalseema for many days; over Jammu & Kashmir and Tamil Nadu & Puducherry for a few days and over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Bihar, Punjab, Himachal Pradesh, East Madhya Pradesh, Gujarat State, Marathawada, Vidarbha, South Interior Karnataka and Lakshadweep for one or two days of the week.
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- Below normal to appreciably below normal over Konkan & Goa for many days and over Arunachal Pradesh, Jharkhand, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, East Madhya Pradesh, Madhya Marathawada, Vidarbha, Chhattisgarh and Coastal Andhra Pradesh for one or two days of the week.
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- Near normal over rest region of the country.

Weather Outlook / Forecast for the period 04th - 10th April, 2013 by IMD

Outlook for the Week Ending 10th April, 2013

- *Rain/thundershowers would occur at a few places over North-Eastern States during 1st half and at one or two places during 2nd half of the week.*
- *Rain/thundershowers would occur at one or two places over extreme South Peninsular India during the week.*
- *A fresh Western Disturbance would affect Western Himalayan region from 9th April, 2013.*
- *Maximum temperatures would rise by 2-3⁰C Northwest and adjoining East & Central India till 9th April, 2013.*
- *Weather would be mainly dry over rest parts of the country.*

Reservoir Status (For the week ending on 04.04.2013)

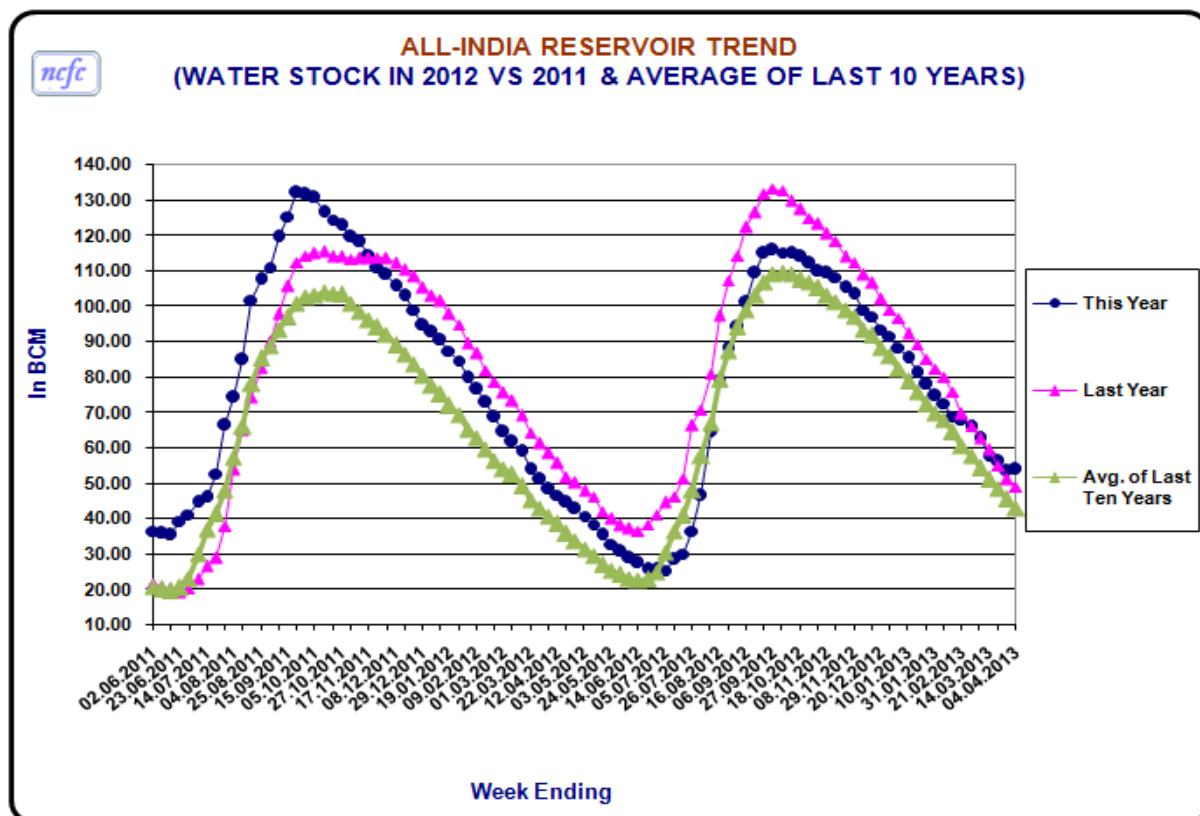
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **decreased** to 53.77 BCM from the previous week's level of 53.36 BCM. Current storage is **less** than the last year's position of 48.92 BCM and lower than the average of last 10 year's storage of 42.74 BCM.

Table – 2: For 84 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	110	126
Last Week	35	105	118
The percentage to live capacity at FRL was 39% on 04/04/2012, 37% on 04/04/2011, 26% on 01/04/2010 and 24% on 01/04 /2009.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 51 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 03 reservoir having storage between 30% to 50% of Normal Storage, 17 reservoir having storage 30% or below of Normal Storage and 05 reservoirs namely Kabini (Kar), Bhadar (Guj), Bhima (Maha), Krishnaraja (Kar) and Gumti (Tripura) having no live storage,.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during October, 2012 to March, 2013

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Total Requirement in Rabi 2012- 2013</i>	<i>16461</i>	<i>5418</i>	<i>2584</i>	<i>5599</i>
<i>Availability upto 31.03.2013</i>	<i>16803</i>	<i>5439</i>	<i>1095</i>	<i>3917</i>
<i>Sales upto 31.03.2013</i>	<i>15597</i>	<i>4710</i>	<i>912</i>	<i>3365</i>
<i>Closing Stock as on 31.03.2013</i>	<i>1205</i>	<i>729</i>	<i>183</i>	<i>552</i>

Source: Fertilizer Division (DAC) / Deptt. of Fertilizer

Pest & Diseases:

- Reports of Yellow Rust in isolated pockets in Punjab and Haryana.
- Damage to about 1.1 lakh ha. area due to hailstorm reported from Haryana.
- The incidence of pest & diseases generally remained below Economic 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 (2012-13)					
Crop Name	Normal Area	Area sown reported (In lakh hectares)			
		2nd Adv. Est. 2012-13	% of Normal	Final Est. 2011-12	Difference
Wheat	282.62	294.34	104.1	298.65	-4.3
Rice	44.99	37.88	84.2	38.83	-1.0
Jowar	44.99	38.22	85.0	36.25	2.0
Maize	11.36	12.75	112.2	14.01	-1.3
Barley	6.57	7.55	115.0	6.43	1.1
Total Coarse Cereals	62.92	58.52	93.0	56.69	1.8
Total Cereals	390.53	390.74	100.1	394.17	-3.4
Gram	80.57	89.25	110.8	82.99	6.3
Urad	7.46	8.62	115.5	8.57	0.1
Moong	6.40	8.57	134.0	7.78	0.8
Total Pulses	127.46	142.20	111.6	132.72	9.5
Total Foodgrains	517.99	532.94	102.9	526.89	6.0
Rapeseed & Mustard	62.80	61.97	98.7	58.94	3.0
Groundnut	8.87	10.43	117.6	9.48	1.0
Safflower	3.05	1.57	51.5	2.50	-0.9
Sunflower	10.26	5.56	54.2	4.72	0.8
Linseed	4.03	3.04	75.4	3.23	-0.2
Total Oilseed (Nine)	91.56	82.57	90.2	78.86	3.7
All- Crops	609.55	615.51	101.0	605.75	9.8

Table - 5 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Inflation (year on year)		
		February, 2013	January, 2013	February, 2012
All Commodities	100	6.84	6.62	7.60
Primary Articles	20.12	9.70	10.31	7.10
(a) Food Articles	14.34	11.38	11.88	6.10
Cereals	3.37	19.19	18.09	1.80
Rice	1.79	18.84	17.31	1.50
Wheat	1.12	21.63	21.39	-4.00
Pulses	0.72	14.96	16.89	7.90
Gram	0.33	16.00	24.12	36.80
Arhar	0.13	13.40	8.64	-12.10
Moong	0.08	17.60	19.24	-8.30
Masur	0.05	29.60	18.44	-7.70
Urad	0.10	4.60	0.13	-10.90
Vegetables	1.74	12.11	28.45	1.70
Potato	0.20	45.99	79.07	-2.20
Onions	0.18	154.33	111.52	-48.70
Fruits	2.11	8.93	8.42	-0.30
Milk	3.24	4.57	4.47	11.70
Egg, Meat & Fish	2.41	12.85	10.81	20.00
(b) Non-Food Articles	4.26	10.06	10.49	-2.50
Oilseeds	1.78	23.43	25.40	9.40
Fuel & Power	14.91	10.47	7.06	12.57

Procurement:**Table – 6: Progressive procurement of Rice as on 05.04.2013 (lakh tonnes)**

State	Total procurement in marketing season 2011-12 (Oct. – Sept.)	Progressive Procurement as on 05.04.2013	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Andhra Pradesh	75.40	41.08	47.46
Chhattisgarh	41.15	48.01	41.12
Haryana	20.07	26.03	20.05
Kerala	3.72	0.92	1.07
Madhya Pradesh	6.35	9.08	6.32
Maharashtra	1.78	1.76	1.90
Odisha	28.64	26.85	18.93
Punjab	77.31	85.57	77.31
Tamil Nadu	15.96	4.58	14.25
Uttar Pradesh	33.55	21.79	31.07
Uttaranchal	3.78	4.35	3.13
West Bengal	20.41	12.39	11.69
All-India	350.31	296.09	294.22