

**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: 25th March, 2013

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
15.03.2013.**

Summary observations of the Group on Agenda Items

- *Cumulative Pre-monsoon Rainfall for the country as a whole during the period 1st March to 13th March, 2013 is 80% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-)98% in North West India, (-)99% in Central India, 88% in South Peninsula and (-) 88% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 08 met sub-divisions constituting 14% of the total area of the country have received excess / normal rainfall, 11 met sub-divisions constituting 28% of the total area of the country have received deficient/scanty rainfall and 17 met sub-divisions constituting 58% 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 14th March, 2013 was 57.34 BCM as against 59.29 BCM on 14.03.2012(last year) and 50.87 BCM of normal storage (average storage of the last 10 years). Current year's storage is 97% of the last year's and 113% 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 15.03.2013 was 283.96 lakh tonnes against the procurement of 276.28 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 March), 2013

- **Fairy widespread rainfall** occurred over Tamil Nadu & Puducherry for one or two days of the week.
- **Scattered rainfall** occurred over Arunachal Pradesh, Assam & Meghalaya, Jammu & Kashmir, Coastal Karnataka, South Interior Karnataka, Kerala and Lakshadweep for one or two days of the week.
- **Isolated rainfall** occurred over South Interior Karnataka for most days; Andaman & Nicobar Islands, Assam & Meghalaya, Tamil Nadu & Puducherry, Coastal Karnataka and Kerala for many days; over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Rayalseema and Lakshadweep for a few days and over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Himachal Pradesh, Jammu & Kashmir, Marathwada, Coastal Andhra Pradesh, Telangana and North Interior Karnataka for one or two days of the week.
- Weather was mainly **dry** over the rest region of the country.
- **Rainfall during the week (07th March - 13 March, 2013)** Rainfall was excess / normal in 08 met sub-divisions, deficient / scanty in 10 and no rain in 18 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st March - 13th March, 2013)** Rainfall was excess / normal in 08 met sub-divisions, deficient / scanty in 11 met sub-divisions and 17 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 (13.03.2013)				Cumulative (01.03.13 to 13.03.13)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia-tion (%)	Cate-gory
	Actual	Normal			Actual	Normal		
North-West India	0.2	10.1	-98	S	0.4	19.4	-98	S
Central India	0.0	2.1	-99	S	0.0	4.2	-99	S
South Peninsular India	6.8	2.9	134	E	9.4	5.0	88	E
East & North-East India	2.7	13.0	-79	S	2.7	22.1	-88	S
Country as a whole	1.9	6.5	-71	S	2.4	11.9	-80	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

Maximum Temperature

- Markedly above normal over Jammu & Kashmir for many days; over Arunachal Pradesh and Himachal Pradesh for a few days and over Assam & Meghalaya, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Saurashtra & Kutch and Konkan & Goa for one or two days of the week.
- Above normal to appreciably above normal over Uttarakhand, Haryana, Chandigarh & Delhi and Rajasthan for most days; over northeastern States, West Bengal & Sikkim, West Uttar Pradesh and West Madhya Pradesh for many days; over Jharkhand, Punjab, Himachal Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra and South Interior Karnataka for a few days and over Assam & Meghalaya, Bihar, Jammu & Kashmir, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka and Kerala for one or two places during the week.
- Near normal over rest region of the country.

Minimum Temperature

- Markedly above normal over Jammu & Kashmir and West Rajasthan for one or two days of the week.
- Above normal to appreciably above normal over Sub-Himalayan West Bengal & Sikkim, West Uttar Pradesh, Uttarakhand and Punjab for most days; over Bihar, West Uttar Pradesh, Jammu & Kashmir, Rajasthan and Tamilnadu & Puducherry for many days; over Andaman & Nicobar Islands, Gangetic West Bengal, Haryana, Chandigarh & Delhi, East Uttar Pradesh and Coastal Karnataka for a few days and over Arunachal Pradesh, Gujarat State, Konkan & Goa, Madhya Maharashtra, Telangana, Rayalaseema, interior Karnataka, Kerala and Lakshadweep for one or two days of the week.
- Below normal to appreciably below normal over East Madhya Pradesh and Vidarbha for many days; over Odisha for a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, West Madhya Pradesh, Konkan & Goa and Chhattisgarh for one or two days of the week.
- Near normal over rest region of the country.

Weather Outlook / Forecast for the period 14th - 20th March, 2013 by IMD

Outlook for the Week Ending 20th March, 2013

- *Rain/snowfall would occur at one or two places over Western Himalayan region in the beginning of the week.*
- *Rain/thundershowers would occur at one or two places over East Madhya Pradesh, Chhattisgarh and Odisha during 1st half of the week.*
- *Rain/thundershowers would occur over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh during 2nd half of the week.*
- *Day temperatures would rise by 2-3° over many parts of Northwest, Central and West India during 2nd half of the week.*
- *A fresh Western Disturbance would affect West Himalayan Region during 2nd half of the week.*

Reservoir Status (For the week ending on 14.03.2013)

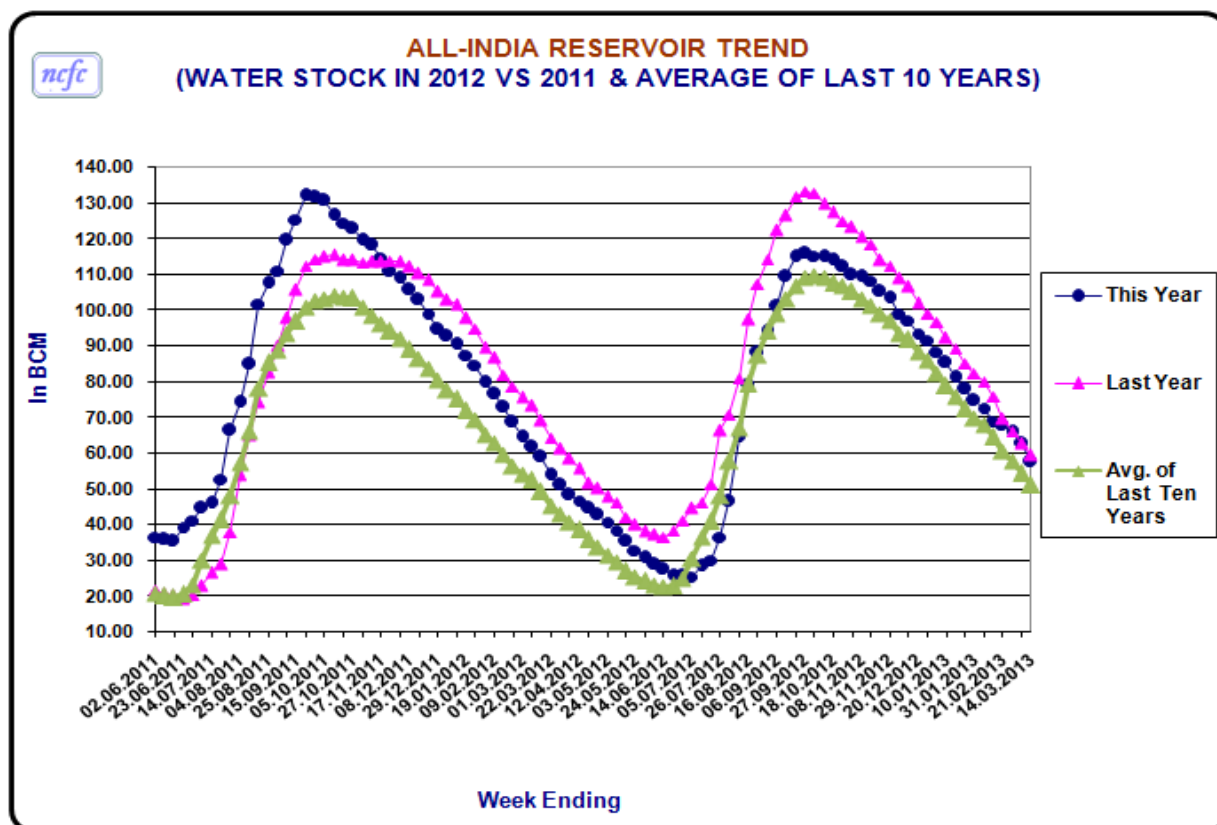
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **decreased** to 57.34 BCM from the previous week's level of 62.47 BCM. Current storage is **less** than the last year's position of 59.29 BCM and lower than the average of last 10 year's storage of 50.87 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	37	97	113
Last Week	40	100	115
The percentage to live capacity at FRL was 39% on 14/03/2012, 45% on 14/03/2011, 32% on 11/03/2010 and 29% on 11/03 /2009.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 52 reservoirs having storage more than 80%, 10 reservoirs having storage between 50% to 80% of Normal Storage, 03 reservoir having storage between 30% to 50% of Normal Storage, 19 reservoir having storage 30% or below of Normal Storage and 05 reservoirs namely Kabini (Kar), Bhadar (Guj), Bhima (Maha) having no live storage, Aliyar (TN) and Gumti (Tripura).



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>5530</i>
<i>Availability upto 14.03.2013</i>	<i>15511</i>	<i>2010</i>	<i>1082</i>	<i>3766</i>
<i>Sales upto 14.03.2013</i>	<i>14319</i>	<i>4371</i>	<i>869</i>	<i>3156</i>
<i>Closing Stock as on 14.03.2013</i>	<i>1192</i>	<i>838</i>	<i>214</i>	<i>611</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 15.03.2013 (lakh tonnes)

State	Total procurement in marketing season 2011-12 (Oct. – Sept.)	Progressive Procurement as on 15.03.2013	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Andhra Pradesh	75.40	37.69	42.12
Chhattisgarh	41.15	47.98	40.94
Haryana	20.07	26.01	20.00
Kerala	3.72	0.92	1.07
Madhya Pradesh	6.35	9.08	6.32
Maharashtra	1.78	1.72	1.33
Odisha	28.64	25.27	18.31
Punjab	77.31	85.57	77.31
Tamil Nadu	15.96	3.90	12.26
Uttar Pradesh	33.55	20.92	28.37
Uttaranchal	3.78	3.85	2.82
West Bengal	20.41	9.99	9.11
All-India	350.31	283.96	276.28