

**F.NO. 3-1/2011-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: 06th July, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
29.06.2012.**

Summary observations of the Group on Agenda Items

- *Cumulative Monsoon Rainfall for the country as a whole during the period 1st June to 27th June, 2012 is 23% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 63% in North West India, (-) 34% in Central India, (-) 28% in South Peninsula and (+) 4% in East & North East India.*
- *Out of 36 met sub-divisions 12 met sub-divisions constituting 26% of the total area of the country received excess / normal rainfall and the remaining 24 met sub-divisions constituting 74% of the total area of the country received deficient/scanty rainfall.*
- *It is understood from IMD that rainfall activity has started declining in the North-East and increasing over the West Coast, which points towards the picking up of the monsoon in the coming week. A rainfall system, which is presenting developing in the Bay of Bengal is likely to bring rains to the Eastern and Central parts of the country over the course of the next week but the situation in the North West India is likely to remain unchanged.*
- *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 28th June, 2012 was 25.36 BCM as against 41.01 BCM on 28.06.2011(last year) and 24.59 BCM of normal storage (average storage of the last 10 years). Current year's storage is 62% of the last year's and 103% of the normal storage. Major States reporting lower than normal storage are Himachal Pradesh, Jharkhand, West Bengal, Karnataka, Kerala, Maharashtra, Odisha, Tripura and Punjab.*
- *Inputs such as seeds, fertilizers etc. are available in adequate quantity. Contingency plans for sowing of alternate crops in rainfall deficit areas have been prepared and shared with the States.*
- *The sowing of Kharif crops such as Rice, Coarse Cereals, Oilseeds and Cotton has commenced. However, the area covered under these crops is well below normal, mainly due to delay in progress of the monsoon. Area coverage is lagging behind by 10.8 lakh ha. under Rice, 11.6 lakh ha. under Coarse Cereals, 2.1 lakh ha. under Pulses and 2.2 lakh ha. under Oilseeds as compared to the area covered up to the corresponding period last year. However, the area covered under Sugarcane and Cotton is higher by 2.3 lakh ha. and 2.1 lakh ha. respectively.*

- *The availability of drinking water in the rainfall deficit States was also reviewed. It is understood that a team from Ministry of Drinking Water & Sanitation has already visited the States of Karnataka and Maharashtra (where storage of water in the reservoirs is far below normal levels) to assess the situation. Requisite action is being taken as per the report of the team.*
- *The availability of fodder is satisfactory at present. The Department of Animal Husbandry has been advised to prepare contingency plans to meet apprehended fodder shortages in rainfall deficit States such as Karnataka, Maharashtra, Gujarat and Rajasthan.*
- *All-India progressive procurement of Rice for the marketing season 2011-12 as on 29.06.2012 was 342.47 lakh tonnes which is higher than the procurement of 306.41 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Wheat for the marketing season 2012-13 as on 29.06.2012 was 377.47 lakh tonnes which is higher than the procurement of 277.55 lakh tonnes upto the corresponding period of last year.*

Action Points :

- *Contingency Plans for 285 districts may be shared with KVKs advising them to use the plans for educating / advising farmers at local level.*

(Action: ICAR/ Extn. Div.)

- *Arrangements for supply of seeds of alternate crops/varieties as per contingency plans are required to be made urgently. Seeds Division may take stock of the position (quantity & variety wise) and plan movement of seeds as per demand of States. Availability of seeds of medium / short duration Rice variety for flood affected NE region may also be checked & reported in the next meeting.*

(Action: Seeds Division)

- *If rainfall deficiency persists, contingency plans may be taken up after 15th July, 2012 for sowing of alternate crops.*

(Action: Crops Division)

- *M/o Water Resources was advised to analyse and report in the next meeting, the availability of water in relation to its weekly release and utilization for drinking water / irrigation / industrial use at State / reservoir level.*

(Action: M/o Water Resources)

- *Reports of lower area coverage under Rice in Punjab may be verified with the State alongwith reasons therefor.*

(Action: Crops Division)

- *While examining the requirement of fertilizer by the States, fertilizer already available with them and the projected required till June may be taken into account for each State. Requirement of DAP by Haryana may accordingly be examined.*

(Action: D/o Fertilizer / INM Div.)

- *Contingency plans to meet anticipated fodder shortages in rainfall deficit States may be prepared.*

(Action: D/o AHD & F)

- *In view of the rising trends in the prices of vegetables, Horticulture Division was advised to prepare and submit location wise storage of Onion and Potato and assessment of their adequacy to meet the requirement till the next production season.*

(Action: Horticulture Division)

Salient aspects of discussions / presentations in the meeting

Rainfall & Temperature (As reported by India Meteorological Department, (IMD))

Monsoon Rainfall (June - September) during the week ending on 27th June), 2012

- **Widespread rainfall** occurred over Arunachal Pradesh, Assam & Meghalaya and Coastal Karnataka for most days, over Sub-Himalayan West Bengal & Sikkim and Konkan & Goa for many days, over Nagaland, Manipur, Mizoram & Tripura and Jharkhand for a few days and over Gangetic West Bengal, North Interior Karnataka, Kerala and Lakshadweep for one or two days during the week.
 - **Fairly widespread rainfall** occurred over Nagaland, Manipur, Mizoram and Tripura for many days, over Orissa and Kerala for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, West Bengal & Sikkim, Jharkhand, Bihar, Uttarakhand, Himachal Pradesh, Jammu Kashmir, Konkan & Goa, Chhattisgarh, Telangana, Rayalaseema and Lakshadweep for one or two days during the week.
 - **Scattered rainfall** occurred over South Interior Karnataka for many days, over Bihar for a few days and over Andaman & Nicobar Islands, West Bengal & Sikkim, Orissa, East Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Jammu & Kashmir, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, North Interior Karnataka, Kerala and Lakshadweep for one or two days during the week.
 - **Isolated rainfall** occurred over East Uttar Pradesh, Gujarat region, Madhya Maharashtra, Marathawada and Tamilnadu & Puducherry for most days, over West Uttar Pradesh, Punjab, East Madhya Pradesh, Saurashtra & Kutch, Coastal Andhra Pradesh, Telangana and North Interior Karnataka for many days, over Andaman & Nicobar Islands, Orissa, Jharkhand, Uttarakhand, Haryana, Chandigarh & Delhi, Vidarbha, Chhattisgarh and Rayalaseema for a few days and over Gangetic West Bengal, Bihar, Himachal Pradesh, Jammu & Kashmir, Rajasthan, West Madhya Pradesh, South Interior Karnataka, Kerala and Lakshadweep for one or two days during the week.
 - Weather was **dry** over the rest region of the country.
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- **Rainfall during the week (01st June - 27th June, 2012)** was 10 met sub-divisions received excess / normal rainfall and 26 met sub-divisions received deficient / scanty rainfall.
 - **Cumulative rainfall (01st June - 27th June, 2012)** was excess / normal in 12 met sub-divisions rainfall and 24 met sub-divisions received deficient / scanty rainfall out of 36 met sub-divisions.

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

Region	Week Ending (27.06.2012)				Cumulative (01.06.12 to 27.06.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	8.3	22.3	-63	S	20.8	55.4	-63	S
Central India	30.0	57.8	-48	D	90.6	137.4	-34	D
South Peninsular India	23.9	41.6	-42	D	100.6	139.3	-28	D
East & North-East India	145.5	92.9	57	E	322.8	309.1	4	N
Country as a whole	40.5	49.3	-18	N	108.1	139.9	-23	D

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

Source: India Meteorological Department, New Delhi

Temperature

Maximum temperatures

- Markedly above normal over East Uttar Pradesh and Uttarakhand for many days, over West Uttar Pradesh, Punjab and Himachal Pradesh for a few days and over Jharkhand, Bihar, Haryana, Chandigarh & Delhi and East Madhya Pradesh for one or two days during the week.
- Above normal to appreciably above normal over West Madhya Pradesh, Gujarat region, Madhya Maharashtra and Vidarbha for most days, over West Uttar Pradesh, Haryana, Chandigarh & Delhi, East Rajasthan, Tamilnadu & Puducherry and Kerala for many days, over Punjab, East Madhya Pradesh, Konkan & Goa, Marathawada, Telangana and North Interior Karnataka for a few days and over Gangetic West Bengal, Orissa, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, Jammu & Kashmir, West Rajasthan, Saurashtra & Kutch, Chhattisgarh, Coastal Andhra Pradesh, Rayalaseema, Coastal Karnataka and South Interior Karnataka for one or two days during the week.
- Markedly below normal over Orissa for many days, over Arunachal Pradesh and Jharkhand for a few days and over Assam & Meghalaya, Jammu & Kashmir, East Madhya Pradesh and Coastal Andhra Pradesh for one or two days during the week.
- Below normal to appreciably below normal over Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim for many days, over Arunachal Pradesh and Bihar for a few days and over Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Jammu & Kashmir, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh and Coastal Karnataka for one or two days during 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 28th June - 04th July, 2012 by IMD

Outlook for the Week Ending 04th July, 2012

- *Rain/thundershowers would occur at many places along west coast and over Eastern & Northeastern States.*
- *Rain/thundershowers may occur at a few places over Central and Interior South Peninsular India.*

Reservoir Status (For the week ending on 28.06.2012)

- 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 25.36 BCM from the previous week's level of 25.52 BCM. Current storage is **less** than the last year's position of 41.01 BCM and more than the average of last 10 year's storage of 24.59 BCM.

Table – 2: For 84 major reservoirs of the country

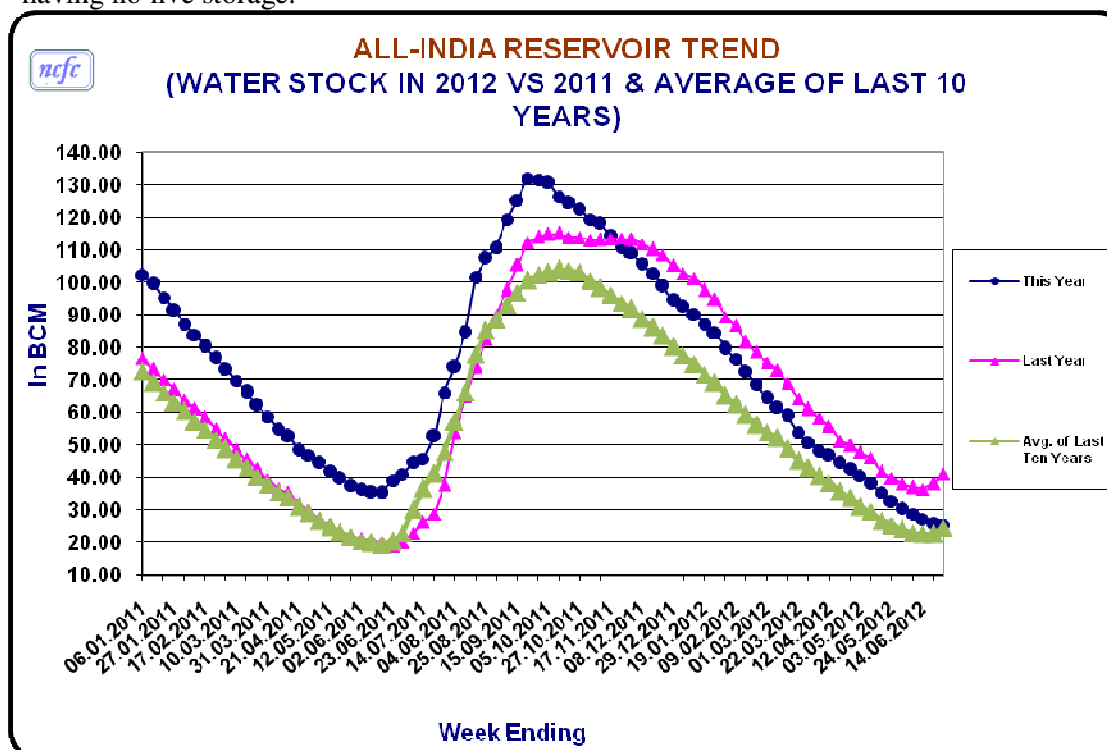
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	16	62	103
Last Week	17	67	113

The percentage to live capacity at FRL was 27% on 28/06/2011, 13% on 28/06/2010, 9% on 25/06/2009 and 21% on 26/06/2008.

* *Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 43 reservoirs having storage more than 80%, 18 reservoirs having storage between 50% to 80% of Normal Storage, 08 reservoir having storage between 30% to 50% of Normal Storage, 15 reservoir having storage 30% or below of Normal Storage and 06 reservoirs namely Bhima (Ujjani), Yeldari & Mula (Maha), Kabini & Almatti (Kar) and Balimela (Ori) 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 April, May & June 2012

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Opening Stock as on 01.04.2012</i>	<i>389</i>	<i>291</i>	<i>172</i>	<i>1034</i>
<i>Requirement for April to June, 2012</i>	<i>6286</i>	<i>2813</i>	<i>897</i>	<i>2467</i>
<i>Availability during 01st April to 26th June, 2012</i>	<i>5455</i>	<i>1402</i>	<i>431</i>	<i>2254</i>
<i>Sales during 01st April to 26th June, 2012</i>	<i>4684</i>	<i>936</i>	<i>274</i>	<i>1139</i>
<i>Closing stock as on 26.06.2012</i>	<i>771</i>	<i>466</i>	<i>157</i>	<i>1115</i>
<i>Requirement for June, 2012</i>	<i>2883</i>	<i>1254</i>	<i>425</i>	<i>1102</i>
<i>Availability as on 26.06.2012</i>	<i>2647</i>	<i>1038</i>	<i>306</i>	<i>958</i>
<i>Shortage / surplus</i>	<i>-236</i>	<i>-217</i>	<i>-119</i>	<i>-145</i>

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

Pest & Diseases:

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

Period / commodities	Weight	Inflation (year on year)		
		May, 2012	April, 2012	May , 2011
All Commodities	100	7.55	7.23	9.56
Primary Articles	20.12	10.88	9.71	12.92
(a) Food Articles	14.34	10.74	10.49	8.25
Cereals	3.37	5.73	5.80	5.76
Rice	1.79	5.07	5.68	3.79
Wheat	1.12	6.81	3.25	-0.42
Pulses	0.72	16.61	11.29	-9.21
Gram	0.33	55.96	47.34	5.41
Arhar	0.13	-5.43	-11.22	-16.27
Moong	0.08	-6.17	-6.99	-22.21
Masur	0.05	10.56	-0.47	-25.72
Urad	0.10	-16.71	-16.00	-6.46
Vegetables	1.74	49.43	60.97	-0.66
Potato	0.20	68.10	53.44	0.08
Onions	0.18	-7.32	-12.11	8.13
Fruits	2.11	-6.07	-15.34	27.42
Milk	3.24	11.90	15.51	6.11
Egg, Meat & Fish	2.41	17.89	17.54	6.59
(b) Non-Food Articles	4.26	8.47	1.61	21.42
Oilseeds	1.78	19.18	16.66	12.06
Fuel & Power	14.91	11.53	11.03	12.32

Procurement:

Table – 5: Progressive procurement of Wheat as on 29.06.2012 (lakh tonnes)

State	Total procurement in marketing season 2011-12 (April - March)	Progressive Procurement as on 29.06.2012	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Punjab	109.58	128.31	109.53
Haryana	69.28	86.65	68.82
Uttar Pradesh	34.61	49.82	32.82
Madhya Pradesh	49.65	84.93	49.05
Rajasthan	13.03	19.09	12.79
All-India	283.35	377.47	277.55

Table – 6: Progressive procurement of Rice as on 29.06.2012 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 29.06.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	73.16	82.18
Chhattisgarh	37.39	41.14	30.22
Haryana	16.87	19.81	16.59
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.58	2.05
Orissa	24.76	26.96	21.56
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	13.55
Uttar Pradesh	24.66	33.45	23.52
Uttaranchal	4.22	3.65	3.96
West Bengal	13.10	17.19	9.89
All-India	340.94	342.47	306.41