

**F.NO. 3-1/2011-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: 29th July, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
22.07.2011.**

Summary observations of the Group on Agenda Item

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1st June to 20th July, 2011 was 343.8 mm which is 1% less than the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period is (11%) in North-West India, (3%) in Central India, (-1%) in South Peninsula and (-14%) in East & North-East India.*
- *Out of 36 met sub-divisions 30 met sub-divisions received excess/normal rainfall and 06 received deficient rainfall.*
- *In 81 major reservoirs monitored by CWC in different parts of the country, total live storage has increased from 45.71 BCM on 14.07.2011 to 52.52 BCM on 21.07.2011.*
- *As per latest information available on sowing of crops, around 58% of the normal area under kharif crops have been sown upto 22.07.2011. Area sown under all kharif crops taken together has been reported to be 609.03 lakh hectares at All India level as compared to 629.68 lakh hectares in the corresponding period of 2010.*
- *Area reported was higher by 10.3 lakh ha. under Soyabean, 1.2 lakh ha. under Sesamum and 2.7 lakh ha. under Sugarcane. Area coverage was lower by 12.2 lakh ha. under Bajra, 5.6 lakh ha. under Maize, 5.6 lakh ha. under Tur, 3.0 lakh ha. under Moong, 10.7 lakh ha. under Groundnut and 2.6 lakh ha. under Cotton.*
- *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 09.07.2011 decreased to 11.13% from the previous week's level of 11.58%. The inflation rate was 20.04% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Wheat has increased to 2.40% from the previous week's level of 0.83%, Pulses to -7.67% from the previous week's level of -8.46%; Rice has decreased to 1.32% from the previous week's level of 2.43% and Cereals to 4.77% from the previous week's level of 5.40%.*
- *The inflation for non-food items has increased to 15.50% from the previous week's level of 15.20% and for the food items has decreased to 7.58% from the previous week's level of 8.31%.*
- *All-India progressive procurement of Wheat as on 22.07.2011 was 280.57 lakh tonnes which is higher than the procurement of 224.62 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 22.07.2011 was 323.01 lakh tonnes which is higher than the procurement of 300.18 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))

Monsoon Rainfall (June - September) during the week ending on 20th July, 2011

- **Widespread rainfall** occurred over Sub-Himalayan West Bengal & Sikkim, Konkan & Goa, Coastal Karnataka and Kerala for most days; over Arunachal Pradesh and Uttarakhand for many days; over Andaman & Nicobar Islands, West Madhya Pradesh and Lakshadweep for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Gujarat State, Madhya Maharashtra, Marathawada, Vidarbha, Chhattisgarh, Telangana and interior Karnataka for one or two days of the week.
- **Fairly widespread rainfall** occurred over Assam & Meghalaya, West Madhya Pradesh, Madhya Maharashtra and South Interior Karnataka for many days; over Gangetic West Bengal, Himachal Pradesh, Vidarbha and Chhattisgarh for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Bihar, Uttar Pradesh, Punjab, Jammu & Kashmir, West Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Marathawada, Coastal Andhra Pradesh, Telangana and Lakshadweep for one or two days of the week.
- **Scattered rainfall** occurred over Orissa, Jharkhand, Jammu & Kashmir, East Rajasthan, Gujarat Region, Marathawada and North Interior Karnataka for many days; over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Uttar Pradesh, East Madhya Pradesh, Chhattisgarh and Telangana for a few days and over Arunachal Pradesh, Assam & Meghalaya, Bihar, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh, Rayalaseema, South Interior Karnataka and Lakshadweep for one or two days of the week.
- **Isolated rainfall** occurred over West Rajasthan and Tamil Nadu & Puducherry for most days; over Punjab, Coastal Andhra Pradesh and Rayalaseema for many days; over Bihar and Saurashtra & Kutch for a few days and over Gangetic West Bengal, Orissa, Jharkhand, Uttar Pradesh, Uttarakhand, Jammu & Kashmir, East Rajasthan, Gujarat Region, Telangana, North Interior Karnataka and Lakshadweep for one or two days of the week.
- Weather was **dry** over the rest region of the country.
- Rainfall during the week was excess / normal in 28 and deficient / scanty in 08 out of 36 met sub-divisions.
- **Cumulative rainfall (1st June to 20th July, 2011)** was excess / normal in 30 met sub-divisions and deficient / scanty in 06 met sub-divisions out of 36 met sub-division.

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

Region	Week Ending (20.07.2011)				Cumulative (01.06.11 to 20.07.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	51.8	55.2	-6	N	225.9	203.7	11	N
Central India	93.0	77.1	21	E	381.5	369.9	3	N
South Peninsular India	60.3	48.3	25	E	294.6	297.1	-1	N
East & North-East India	86.9	97.4	-11	N	552.1	640.7	-14	N
Country as a whole	72.9	67.9	7	N	343.8	347.7	-1	N

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

Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 21st - 27th July, 2011 by IMD

Outlook for the Week Ending 27th July, 2011

- *Fairly widespread rainfall would occur over West Coast, Gujarat State, Rajasthan and Northeastern States.*
- *Scattered rainfall would occur over rest parts of the country outside South Peninsular India.*

Warning:

- *Heavy to very heavy rainfall would occur at a few places over Konkan & Goa and at isolated places over Uttarakhand, Haryana, West Uttar Pradesh, Northeastern States, Coastal Karnataka, Kerala and Madhya Maharashtra during next 48 hours.*

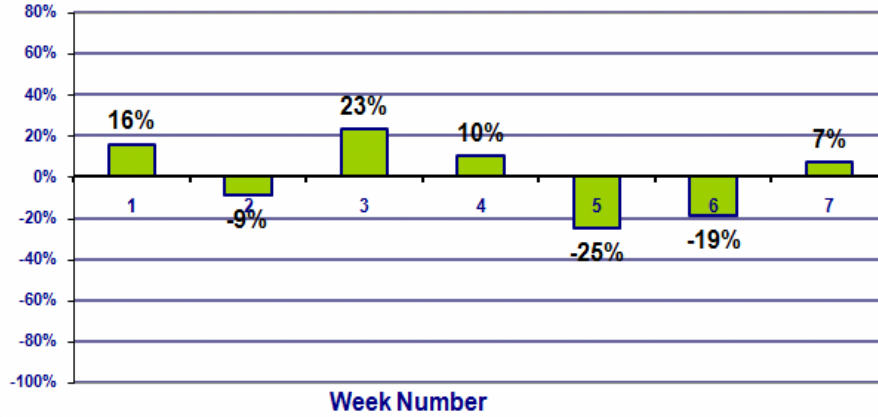
1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

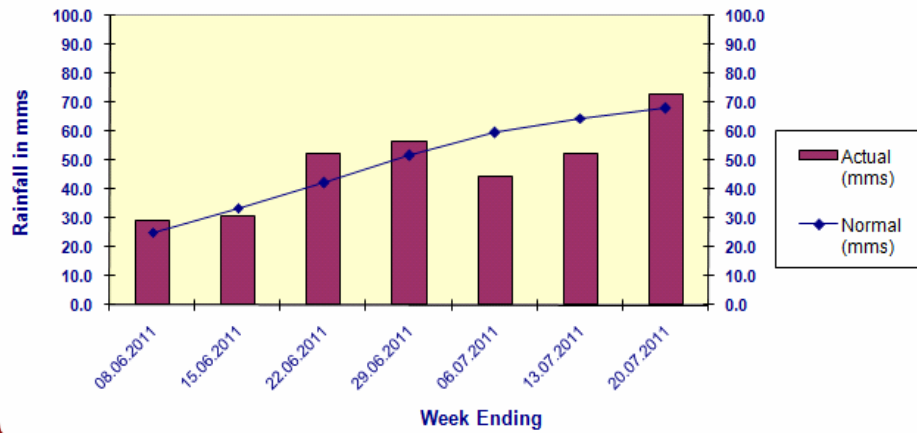
North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

Weekly Percentage Rainfall Deviation from Normal(LPA)-All India

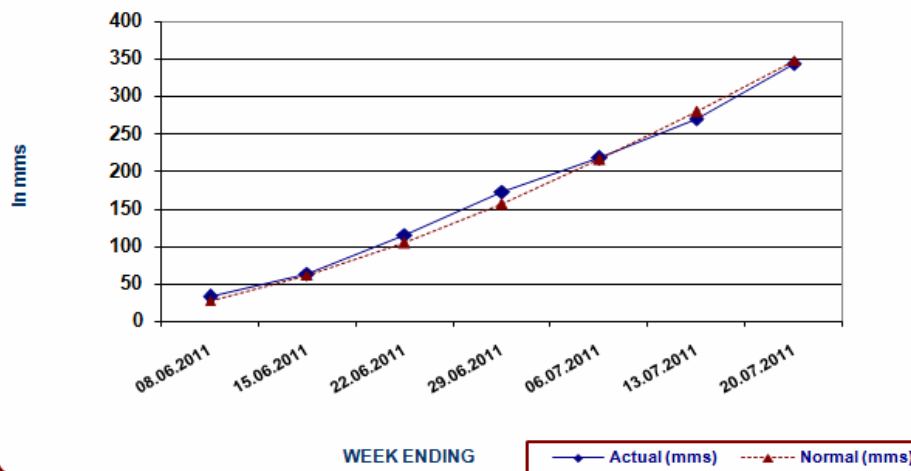
(Monsoon 2011 - from 01.06.2011 to 20.07.2011)



Weekly Rainfall Distribution in Monsoon 2011 - All India



Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2011



Reservoir Status (For the week ending on 21.07.2011)

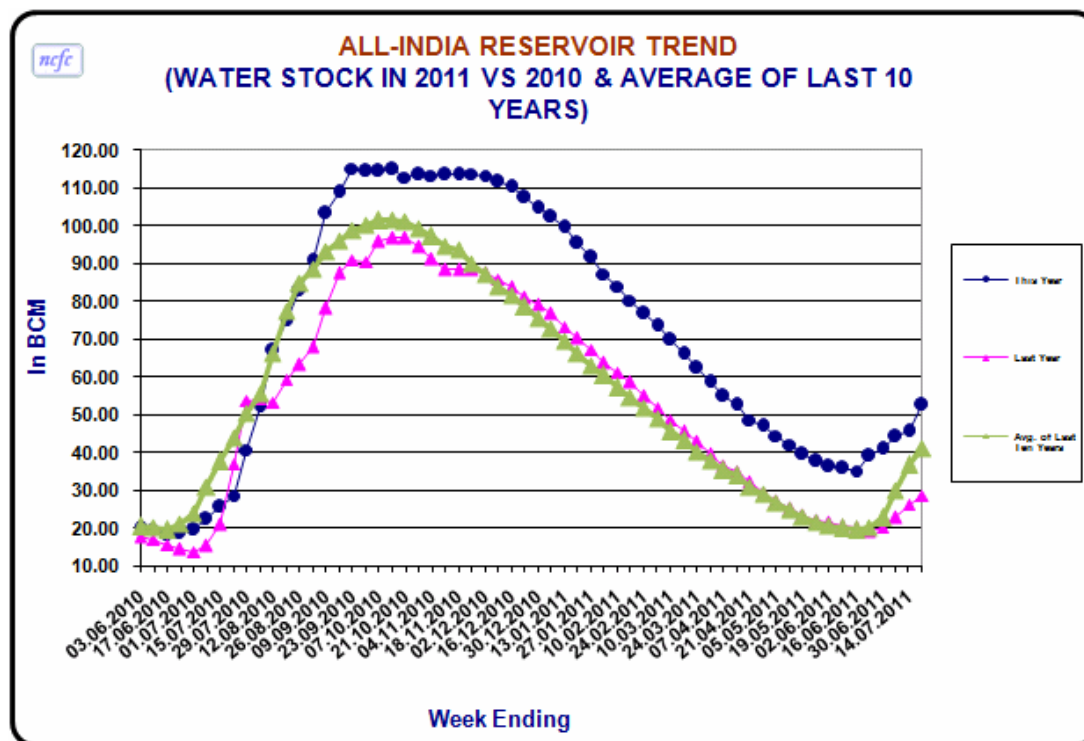
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 52.52 BCM from the previous week's level of 45.71 BCM. Current storage is **more** than the last year's position of 28.58 BCM and average of last 10 year's storage of 41.12 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	35	184	128
Last Week	30	174	125
The percentage to live capacity at FRL was 19% on 21/07/2010, 25% on 21/07/2009, 28% on 17/07/2008 and 45% on 17/07/2007.			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 62 reservoirs having storage more than 80%, 6 reservoirs having storage between 50% to 80% of Normal Storage, 4 reservoirs having storage between 30% to 50% of Normal Storage and 9 reservoirs having storage 30% or below.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April to July 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 April to 20th July, 2011</i>	<i>9446</i>	<i>4603</i>	<i>1344</i>	<i>3117</i>
<i>Availability during 1st April to 20th July, 2011</i>	<i>7650</i>	<i>2180</i>	<i>589</i>	<i>2787</i>
<i>Sales during 1st April to 20th July, 2011</i>	<i>6805</i>	<i>1835</i>	<i>547</i>	<i>2345</i>
<i>Closing Stock as on 20.07.2011</i>	<i>845</i>	<i>345</i>	<i>42</i>	<i>442</i>
<i>Requirement for August, 2011</i>	<i>2654</i>	<i>1169</i>	<i>399</i>	<i>1060</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 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Point to Point annual Inflation		
		Latest Week	Previous Week	Last Year
		09.07.2011	02.07.2011	10.07.2010
Primary Articles	20.12	11.13	11.58	20.04
(a) Food Articles	14.34	7.58	8.31	19.52
Cereals	3.37	4.77	5.40	8.34
Rice	1.79	1.32	2.43	9.89
Wheat	1.12	2.40	0.83	5.76
Jowar	0.10	36.57	52.31	15.62
Bajra	0.12	8.74	8.14	10.33
Maize	0.22	24.56	30.28	6.44
Barley	0.02	18.89	18.76	3.10
Ragi	0.02	14.06	2.19	-2.36
Pulses	0.72	-7.67	-8.46	15.66
Gram	0.33	13.14	15.75	-3.28
Arhar	0.13	-18.03	-19.85	9.05
Moong	0.08	-18.57	-24.21	60.46
Masur	0.05	-25.70	-26.91	-3.55
Urad	0.10	-14.90	-13.63	50.26
Vegetables	1.74	4.31	2.25	0.74
Potatoes	0.20	4.20	-2.56	-42.87
Onions	0.18	19.68	30.72	-5.64
Fruits	2.11	15.02	13.54	30.11
Milk	3.24	10.76	12.39	26.14
Egg, Meat & Fish	2.41	7.97	11.95	36.92
(b) Non-Food Articles	4.26	15.50	15.20	15.82
Oilseeds	1.78	11.56	11.40	2.24
Fuel & Power	14.91	11.89	11.89	13.24

Table :5

All India Crop Situation - Kharif (2011-12) as on 22.07.2011					
Crop Name	Normal Area for whole Kharif Season	Area sown reported			(In lakh hectares)
					Change vis-à-vis prev. year
		This Year 2011	% of Normal	Last Year 2010	Absolute Change 2010
Rice	393.58	154.70	39.3	154.20	0.5
Jowar	34.27	19.07	55.6	19.57	-0.5
Bajra	92.63	47.57	51.4	59.82	-12.2
Maize	69.59	49.92	71.7	55.49	-5.6
Total Coarse Cereals	219.68	125.20	57.0	141.42	-16.2
Total Cereals	613.26	279.90	45.6	295.62	-15.7
Tur	35.42	16.16	45.6	21.79	-5.6
Urad	22.36	12.07	54.0	12.16	-0.1
Moong	25.56	8.82	34.5	11.79	-3.0
Others	23.13	8.40	36.3	3.83	4.6
Total Pulses	106.47	45.44	42.7	49.57	-4.1
Total Foodgrains	719.73	325.34	45.2	345.19	-19.8
Groundnut	51.47	27.11	52.7	37.85	-10.7
Soyabean	88.33	91.21	103.3	80.96	10.3
Sunflower	7.54	0.94	12.4	1.61	-0.7
Sesamum	17.95	8.18	45.6	7.02	1.2
Niger	4.12	0.27	6.4	0.57	-0.3
Castor	7.76	1.82	23.4	2.34	-0.5
Others		0.24	#DIV/0!	0.13	0.1
Total Oilseed	177.17	129.75	73.2	130.47	-0.7
Cotton	93.55	93.45	99.9	97.01	-3.6
Sugarcane	46.00	51.61	112.2	48.91	2.7
Jute+Mesta	9.20	8.88	96.6	8.10	0.8
All- Crops	1045.64	609.03	58.2	629.68	-20.6
Source: Crops & TMOP Divisions, DAC					

Procurement:

Table – 6: Progressive procurement of Wheat as on 22.07.2011 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (April - March)	Progressive Procurement as on 22.07.2011	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Punjab	102.09	109.57	101.66
Haryana	63.47	68.91	63.47
Uttar Pradesh	16.45	34.60	16.45
Madhya Pradesh	35.38	48.94	35.38
Rajasthan	4.76	13.02	4.76
All-India	225.14	280.57	224.62

Table – 7: Progressive procurement of Rice as on 22.07.2011 (lakh tonnes)

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 22.07.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	87.24	63.36
Chhattisgarh	33.57	36.30	31.35
Haryana	18.19	16.87	18.16
Kerala	2.61	2.61	2.61
Maharashtra	2.29	2.65	2.10
Orissa	24.96	24.26	24.58
Punjab	92.75	86.35	92.91
Tamil Nadu	12.41	14.27	11.33
Uttar Pradesh	29.01	24.01	26.91
Uttaranchal	3.75	4.17	3.74
West Bengal	12.40	10.03	11.58
All-India	320.34	323.01	300.18