

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: 26th July, 2012

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 20.07.2012.

A copy of the summary proceedings of the meeting of Crop Weather Watch Group held on 20th July, 2012 is enclosed. This issues with the approval of the Chairman.

(Suman Chopra)
Asstt. E. A.

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DC(Crops Div.) / AD (TMOP)

DC (Seeds)

DD (PPQ&S)

P.P.S. to Secy. (A&C)

P.P.S. to Principal Adviser

DTE. OF ECONOMICS & STATISTICS

PS to Economics & Statistical Adviser

**Crop Forecast Coordination Centre
Department of Agriculture & Cooperation**

Subject: Salient aspects of the meeting of Weekly Crop and Weather Watch Group (CWWG) held on 20.07.2012 – observations, recommendations and actions.

The weekly meeting of the Crop Weather Watch Group (CWWG) was held on 20.07.2012 under the Chairmanship of Shri Ashish Bahuguna, Secretary, DAC. The agenda included discussion on weather conditions, progress in crop sowing, availability of inputs, pest situation, prices and procurement position. Salient aspects covered in the meeting are given from page 3 onwards.

Summary observations of the Group on Agenda Items

- ***Cumulative Monsoon Rainfall for the country as a whole during the period 1st June to 18th July, 2012 is 22% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 39% in North West India, (-) 26% in Central India, (-) 23% in South Peninsula and (-) 6% in East & North East India.***
- ***Out of a total of 36 met sub-divisions, 11 met sub-divisions constituting 24% of the total area of the country have received excess / normal rainfall. The remaining 25 met sub-divisions constituting 76% of the total area of the country have received deficient/scanty rainfall.***
- ***Out of 623 districts for which data was available, 48 (8%) received excess, 175 (28%) received normal, 297 (48%) received deficient and 100 (16%) received scanty rainfall.***
- ***Rainfall during the week (12th – 18th July, 2012) was 26% above LPA in East & Northeast, (-)1% lower than LPA in South Peninsula, (-)46% lower than LPA in Northwest India and (-)43% lower than LPA in Central India.***
- ***IMD has forecast good rainfall next week in Chhattisgarh, Madhya Pradesh, UP, Bihar, J&K and Uttarakhand. Good rains are also expected in Odisha, Jharkhand and West Bengal. In Southern Peninsula, good rainfall is expected in Andhra Pradesh, Marathwada & Vidarbha sub-divisions (Maharashtra). However, the cumulative deficiency in rainfall in most of these areas is likely to continue.***
- ***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). Reservoir position has improved from 18% of FRL on 12th July, 2012 to 19% of FRL on 19th July, 2012. It is understood that the rate of improvement of water storage is below normal at present. Current live storage in these reservoirs as on 19th July, 2012 was 29.95 BCM as against 51.10 BCM on 19.07.2011 (last year) and 40.71 BCM of normal storage (average storage of the last 10 years). Current year's storage is 59% of the last year's and 74% of the normal storage. Major States reporting lower than normal storage are Himachal Pradesh, Punjab, Jharkhand, West Bengal, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra, Tamil Nadu, Odisha and UP.***
- ***Basin level reservoir storage (with reference to average storage) was lower by (-) 59% in Krishna, (-) 37.9% in Godavari, (-) 34.0% in Kaveri, (-) 49.3% in West flowing rivers of South, (-) 45.1% in Indus, (-) 5.5% in Mahanadi, (-) 18.0% in Tapi and (-) 9.5% in Narmada basins. Reservoir storage was better at 61.8% in Ganga, 75.9% in Mahi and 70.9% in Sabarmati basin.***

- *Contingency plans for sowing of alternate crops in rainfall deficit areas have been prepared and shared with the States and are expected to be rolled out next week in Karnataka and Maharashtra.*
- *533.20 lakh ha. area had been sown under various Kharif crops upto 20.07.2012 as compared to average sown area of 586.36 lakh ha. upto the corresponding period of previous years. Major decline (compared to average area) has been reported under Rice, Jowar, Bajra, Maize, Tur, Moong, Urad, Groundnut, Sunflower, Sesamaum and Cotton. However, area coverage is higher by 3.9 lakh ha. in Soyabean and 5.9 lakh ha. in Sugarcane. Sowing of Kharif crops has picked up momentum and current week's deficiency (over last week) in area coverage has gone down by 6.0 lakh ha. in Rice, 1.7 lakh ha. in Bajra, 8.3 lakh ha. in Maize, 1.9 lakh. in Sesamum. However, area coverage deficiency has increased by 1.1 lakh ha. each in Groundnut and Cotton, mainly due to deficiency in rainfall in Saurashtra.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of June 2012, decreased to 10.46% from the level of 10.88% in the month of May, 2012. The inflation rate was 11.31% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Rice has increased to 7.46% from the previous month's level of 5.07%, Wheat to 6.82% from the previous month's level of 6.81%, Cereals to 6.74% from the previous month's level of 5.73% and Pulses to 20.48% from the previous week's level of 16.61%.*
- *The inflation for non-food items has decreased to 6.85% from the previous month's level of 8.47% and for the food items has increased to 10.81% from the previous month's level of 10.74%.*
- *All-India progressive procurement of Rice for the marketing season 2011-12 as on 20.07.2012 was 345.48 lakh tonnes which is higher than the procurement of 315.73 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Wheat for the marketing season 2012-13 as on 20.07.2012 was 380.83 lakh tonnes which is higher than the procurement of 280.53 lakh tonnes upto the corresponding period of last year.*

Action Points from the previous meeting:

- *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)

- *ICAR had proposed that it would prepare contingency plans for additional 50 districts by 30th June, 2012. ICAR was advised to report the status of finalization of contingency plans for the remaining districts.*

(Action: ICAR)

- *M/o Water Resources informed that water resources being a States subject, only those DPRs are forwarded to the Technical Advisory Committee of the Ministry on which States require central assistance. Thus only 32 out of 84 DPRs were received from the States for consideration of the Technical Advisory Committee of the Ministry. The Ministry was advised to collect the information on quantum of reservoir water used for drinking water / irrigation / Industrial purposes from the States based on approved DPRs of each Project / Reservoir.*

(Action: M/o Water Resources)

Action Points for the current meeting:

- *In view of deficit monsoon rainfall in a large number of met sub-divisions, M/o Water Resources was advised to analyse the basin level data and furnish a brief write up on the correlation between precipitation and reservoir storage.*

(Action: M/o Water Resources)

- *DES/DAC was advised to present an analysis on the movement of prices in the next three months on account of drought like situation and its impact on production and productivity of major crops.*

(Action: E.S.A.)

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 18th July), 2012

- **Widespread rainfall** occurred over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Konkan & Goa and Coastal Karnataka for most days, over Andaman & Nicobar Islands for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, East Madhya Pradesh, Chhattisgarh, Kerala and Lakshadweep for one or two days during the week.
 - **Fairly widespread rainfall** occurred over Assam & Meghalaya for most days, over Bihar and Telangana for many days, over Gangetic West Bengal, Marathawada, Rayalaseema and South Interior Karnataka for a few days and over Andaman & Nicobar Islands Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Madhya Pradesh, Gujarat Region, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, Tamilnadu & Puducherry, North Interior Karnataka and Kerala for one or two days during the week.
 - **Scattered rainfall** occurred over Odisha for most days, over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Madhya Maharashtra, Vidarbha, Chhattisgarh and Coastal Andhra Pradesh for many days, over Jammu & Kashmir, East Rajasthan, Gujarat Region, Tamilnadu & Puducherry, South Interior Karnataka and Lakshadweep for a few days and over Andaman & Nicobar Islands, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, West Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Marathawada, Telangana, Rayalaseema, North Interior Karnataka and Kerala for one or two days during the week.
 - **Isolated rainfall** occurred over Saurashtra & Kutch for most days, over West Uttar Pradesh, Haryana, Chandigarh & Delhi, Rajasthan, West Madhya Pradesh and North Interior Karnataka for many days, over Himachal Pradesh, East Madhya Pradesh, Madhya Maharashtra and Kerala for a few days and over Andaman & Nicobar Islands, Odisha, East Uttar Pradesh, Uttarakhand, Punjab, Jammu & Kashmir, Gujarat region, Marathawada, Vidarbha, Chhattisgarh, Andhra Pradesh, Tamilnadu & Puducherry, South Interior Karnataka 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 - 18th July, 2012)** was 14 met sub-divisions received excess / normal rainfall and 22 met sub-divisions received deficient / scanty rainfall.
 - **Cumulative rainfall (01st June - 18th July, 2012)** was excess / normal in 11 met sub-divisions rainfall and 25 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 (18.07.2012)				Cumulative (01.06.12 to 18.07.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	28.9	54.1	-46	D	114.3	187.8	-39	D
Central India	42.3	74.4	-43	D	255.4	347.4	-26	D
South Peninsular India	47.7	48.4	-1	N	218.6	283.1	-23	D
East & North-East India	125.2	99.7	26	E	578.9	613.5	-6	N
Country as a whole	52.5	67.1	-22	D	256.4	328.1	-22	D

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

Source: India Meteorological Department, New Delhi

Weather Outlook / Forecast for the period 19th - 25th July, 2012 by IMD

Outlook for the Week Ending 25th July, 2012

- *Increase in rainfall activity over Maharashtra, Gujarat and Rajasthan.*
- *Rain/thundershowers would occur at many places along West coast and over Eastern States.*

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

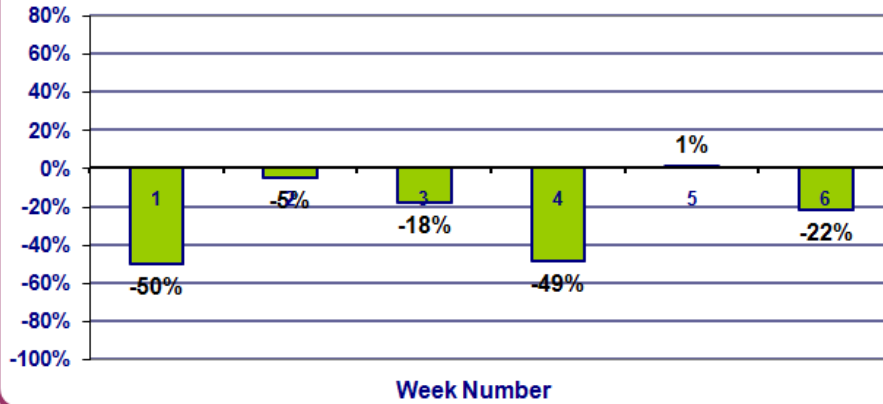
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

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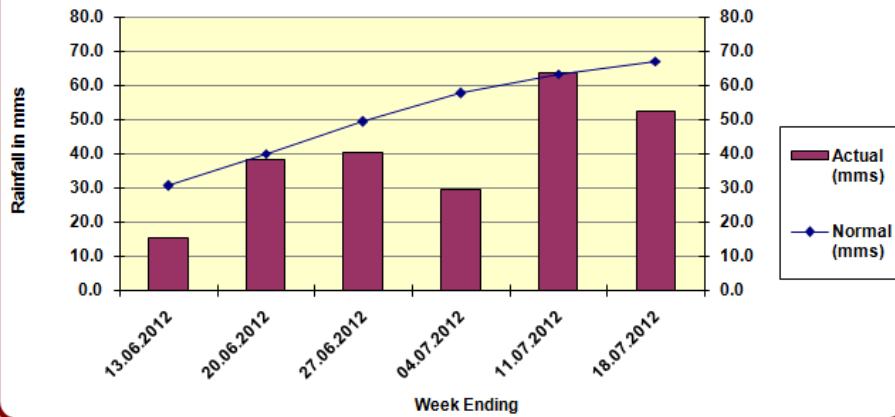
Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2012 - from 01.06.2012 to 18.07.2012)



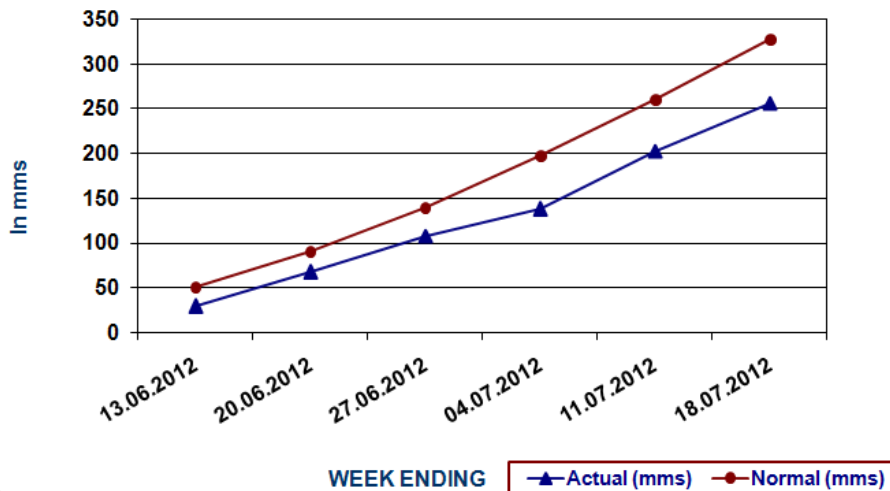
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Weekly Rainfall Distribution in Monsoon 2012 - All India



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Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2012



Reservoir Status (For the week ending on 19.07.2012)

- 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 **increased** to 29.95 BCM from the previous week's level of 28.07 BCM. Current storage is **less** than the last year's position of 51.10 BCM and lower than the average of last 10 year's storage of 40.71 BCM.

Table – 2: For 84 major reservoirs of the country

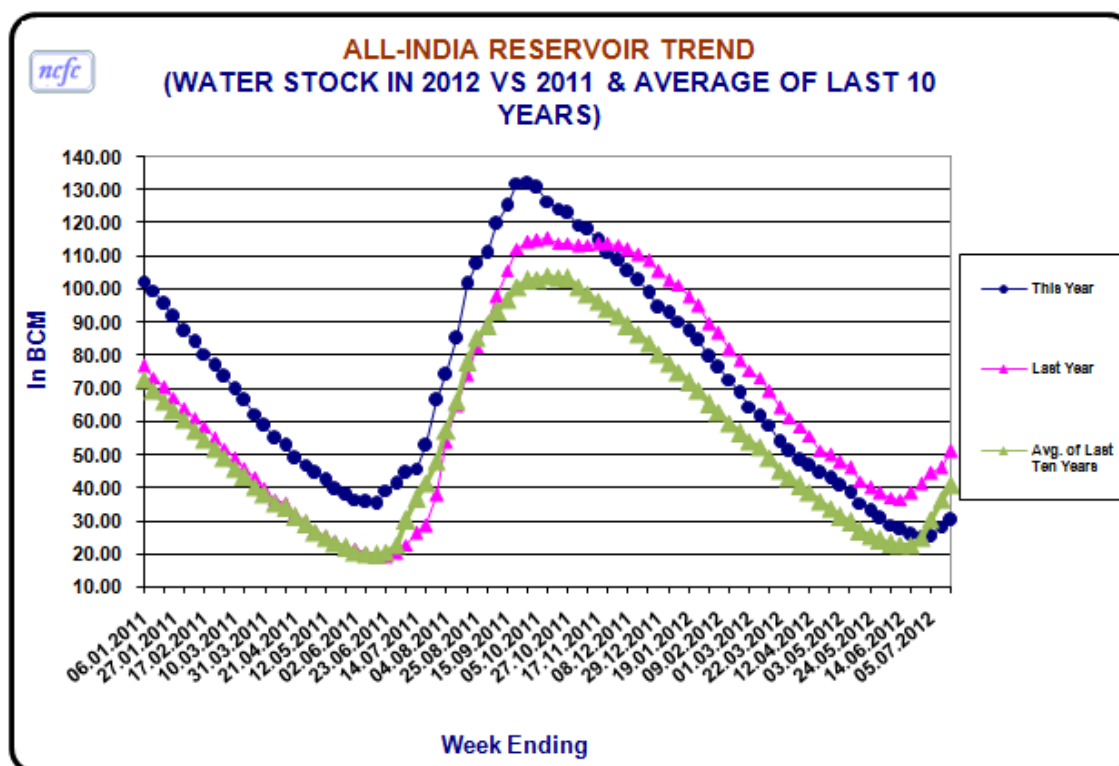
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	19	59	74
Last Week	18	61	77

The percentage to live capacity at FRL was 33% on 19/07/2011, 17% on 19/07/2010, 14% on 15/07/2009 and 28% on 17/07/2008.

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

Source: CWC

- There were 35 reservoirs having storage more than 80%, 21 reservoirs having storage between 50% to 80% of Normal Storage, 12 reservoir having storage between 30% to 50% of Normal Storage, 16 reservoir having storage 30% or below of Normal Storage and 02 reservoirs namely Bhima (Ujjani) (Maha) 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 to July 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>388</i>	<i>450</i>	<i>172</i>	<i>1032</i>
<i>Requirement for April to June, 2012</i>	<i>6286</i>	<i>2814</i>	<i>897</i>	<i>2467</i>
<i>Availability during 01st April to 19th July June, 2012</i>	<i>7063</i>	<i>1768</i>	<i>700</i>	<i>2811</i>
<i>Sales during 01st April to 19th July, 2012</i>	<i>5861</i>	<i>1323</i>	<i>416</i>	<i>1763</i>
<i>Closing stock as on 19.07.2012</i>	<i>1202</i>	<i>435</i>	<i>283</i>	<i>1049</i>
<i>Requirement for July, 2012</i>	<i>3251</i>	<i>1622</i>	<i>456</i>	<i>1060</i>
<i>Availability as on 19.07.2012</i>	<i>1488</i>	<i>1488</i>	<i>291</i>	<i>1115</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

<i>All India Crop Situation - Kharif (2012-13) as on 20-07-2012</i>							
							(In lakh hectares)
Crop Name	Average Area for whole Kharif Season	Average Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2012	% of Average for whole season	Last Year 2011	Average as on date	Last Year
Rice	391.10	153.37	144.59	37.0	161.27	-8.8	-16.7
Jowar	32.88	19.78	13.85	42.1	19.07	-5.9	-5.2
Bajra	92.70	47.79	29.57	31.9	47.57	-18.2	-18.0
Maize	70.64	51.99	47.84	67.7	52.96	-4.2	-5.1
Total Coarse Cereals	218.58	126.20	95.43	43.7	126.70	-30.8	-31.3
Total Cereals	609.68	279.57	240.02	39.4	287.97	-39.5	-47.9
Tur	37.00	20.55	17.84	48.2	21.35	-2.7	-3.5
Urad	23.11	11.92	10.32	44.7	13.72	-1.6	-3.4
Moong	26.29	12.19	7.72	29.4	11.90	-4.5	-4.2
Others	23.36	6.96	3.64	15.6	10.99	-3.3	-7.4
Total Pulses	109.75	51.62	39.52	36.0	57.96	-12.10	-18.4
Total Foodgrains	719.43	331.19	279.55	38.9	345.93	-51.6	-66.4
Groundnut	49.94	27.82	16.51	33.1	24.11	-11.3	-7.6
Soyabean	92.11	71.88	86.20	93.6	90.33	14.3	-4.1
Sunflower	6.33	2.38	0.62	9.8	0.86	-1.8	-0.2
Sesamum	18.67	5.65	4.30	23.0	4.69	-1.4	-0.4
Niger	4.03	0.22	0.31	7.7	0.10	0.1	0.2
Castor	7.79	1.65	0.90	11.5	1.34	-0.7	-0.4
Total Oilseed	178.89	109.59	108.84	60.8	121.42	-0.8	-12.6
Cotton	98.66	90.03	83.74	84.9	92.45	-6.3	-8.7
Sugarcane	47.36	46.98	52.81	111.5	50.79	5.8	2.0
Jute	7.96	8.57	8.27	104.0	8.89	-0.3	-0.6
All- Crops	1052.30	586.36	533.20	50.7	619.48	-53.2	-86.3

Source: Crops & TMOP Divisions, DAC

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

Period / commodities	Weight	Inflation (year on year)		
		June, 2012	May, 2012	June , 2011
All Commodities	100	7.25	7.55	9.51
Primary Articles	20.12	10.46	10.88	11.31
(a) Food Articles	14.34	10.81	10.74	7.64
Cereals	3.37	6.74	5.73	5.05
Rice	1.79	7.46	5.07	2.86
Wheat	1.12	6.82	6.81	-0.06
Pulses	0.72	20.48	16.61	-9.33
Gram	0.33	59.48	55.96	9.78
Arhar	0.13	0.54	-5.43	-18.53
Moong	0.08	-5.64	-6.17	-24.14
Masur	0.05	18.52	10.56	-26.00
Urad	0.10	-16.72	-16.71	-10.06
Vegetables	1.74	48.84	49.43	-6.45
Potato	0.20	75.85	68.10	0.48
Onions	0.18	-9.40	-7.32	16.11
Fruits	2.11	-3.64	-6.07	19.79
Milk	3.24	7.30	11.90	11.52
Egg, Meat & Fish	2.41	16.25	17.89	9.88
(b) Non-Food Articles	4.26	6.85	8.47	18.44
Oilseeds	1.78	18.53	19.18	12.85
Fuel & Power	14.91	10.27	11.53	12.85

Procurement:

Table – 6: Progressive procurement of Wheat as on 20.07.2012 (lakh tonnes)

State	Total procurement in marketing season 2011-12 (April - March)	Progressive Procurement as on 20.07.2012	
		In Marketing season 2012-2013	In Marketing season 2011-2012
Punjab	109.58	128.35	109.57
Haryana	69.28	86.65	68.82
Uttar Pradesh	34.61	50.63	34.61
Madhya Pradesh	49.65	84.93	49.05
Rajasthan	13.03	19.64	13.03
All-India	283.35	380.83	280.53

Table – 7: Progressive procurement of Rice as on 20.07.2012 (lakh tonnes)

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 20.07.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	74.19	86.79
Chhattisgarh	37.39	41.15	30.39
Haryana	16.87	19.85	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.58	2.05
Orissa	24.76	28.16	24.26
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	13.95
Uttar Pradesh	24.66	33.45	23.95
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	17.63	10.02
All-India	340.94	345.48	315.73

Annexure

LIST OF PARTICIPANTS WHO ATTENDED THE MEETING OF CROP WEATHER WATCH GROUP HELD ON 20-07-2012.

Shri Ashish Bahuguna

Secretary

Chairman

DTE. OF ECO. & STAT.

- | | | |
|----|---------------------|----------|
| 1. | Shri R. Viswanathan | E.S.A. |
| 2. | Shri Rajeev Lochan | Adviser |
| 3. | Shri B.L. Meena | Dy. E.A. |

DEPTT. OF AGRICULTURE & COOPERTION

- | | | |
|-----|--------------------------|----------------------------|
| 4. | Smt. S. Bhavani | Pr. Adviser |
| 5. | Shri Balvinder Kumar | Addl. Secretary |
| 6. | Shri Siraj Hussain | Addl. Secretary |
| 7. | Shri Narender Bhushan | JS (INM) |
| 8. | Shri Mukesh Khullar | JS (Crops) |
| 9. | Shri A. Purkayastha | JS (Seeds) |
| 10. | Shri E.K. Majhi | JS (DM) |
| 11. | Shri Utpal Kr. Singh | JS (PP) |
| 12. | Dr. Y.R. Meena | Addl. Commissioner (Extn.) |
| 13. | Dr. A. Barik | Addl. Commissioner (Crops) |
| 14. | Dr. J. P. Mishra | OSD to AC |
| 15. | Shri Sushil Kumar Singla | Director |
| 16. | Dr. P.K. Saha | Dy. Commissioner (Crops) |
| 17. | Shri S. Selvaraj | Dy. Commissioner (Seeds) |
| 18. | Shri T.P. Singh | Asstt. Director (TMOP) |

I.M.D.

- | | | |
|-----|----------------|---------------|
| 19. | Dr. B.P. Yadav | Scientist 'E' |
|-----|----------------|---------------|

C.W.C

- | | | |
|-----|--------------------|--------------|
| 20. | Shri V. K. Nagpure | Director |
| 21. | Shri P.C.K. Singh | Dy. Director |

MINISTRY OF DRINKING WATER & SANITATION

- | | | |
|-----|-------------------|-------------|
| 22. | Shri D. Rajsekhar | Dy. Adviser |
|-----|-------------------|-------------|

DEPTT. OF CONSUMER AFFAIRS

- | | | |
|-----|------------------------|--------------|
| 23. | Dr. K.G. Radhakrishnan | Eco. Adviser |
|-----|------------------------|--------------|

I.C.A.R.

- | | | |
|-----|--------------------|-----|
| 24. | Dr. A. Arunachalam | NRM |
|-----|--------------------|-----|

DEPTT. OF FERTILIZER

25. Shri Deepak Kumar Director

DEPTT. OF FOOD & PD

26. Shri N. Prakash JS

N.R.A.A.

27. Dr. R.S. Saini Consultant (Agri)

P.P.Q.&S.

28. Shri Ram Asre Joint Director

R.B.I.

29. Shri K.S. Yadav AM

DEPTT.OF A.H.D.& F.

30. Shri S.P. Sharma Director

C.F.C.C.

31. Dr. Dalip Singh Addl. S.A.
32. Smt. Suman Chopra Asstt. E.A.