

F. No. 3-1/ 2015-16-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: 29.06.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 26.06.2015.

Summary observations of the Group on Agenda Items

- **Details of the mean maximum temperature during the week 18th June to 24th June, 2015, were as under:-**
 - *Above normal by 2 to 4°C over some parts of Uttar Pradesh, West Rajasthan, isolated pockets of East Rajasthan and Madhya Pradesh.*
 - *Below normal by 2 to 4°C over many parts of Chhattisgarh, Odisha, Vidarbha, Marathwada, Rayalseema, Telangana, South Interior Karnataka, some parts of Konkan, Madhya Maharashtra, Tamil Nadu and isolated pockets of Jharkhand, Gangetic West Bengal, Saurashtra, Madhya Pradesh, Coastal Andhra Pradesh and 4 to 8°C over many parts of Coastal Andhra Pradesh, some parts of Vidarbha, Telangana, Rayalseema and isolated pockets of Odisha and Chhattisgarh.*
 - *Normal to near normal in remaining parts of the country.*
- **Details of the mean minimum temperature during the week 18th June to 24th June, 2015, were as under:-**
 - *Below normal by 2 to 4°C over some parts of Jammu & Kashmir, West Madhya Pradesh, Telangana, Coastal Andhra Pradesh Vidarbha and isolated pockets of East Rajasthan.*
 - *Above normal by 2 to 4°C over many parts of West Uttar Pradesh, some parts of West Rajasthan and isolated pockets of East Uttar Pradesh and West Madhya Pradesh.*
 - *Normal to near normal in remaining parts of the country.*
- ***In the monsoon season, weekly Rainfall for the country as a whole during the week 18th June to 24th June, 2015 was 44% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 91% Central India, 100% in South Peninsula and was lower by 2% in North West India and 21% in East & North East India.***

- *In the monsoon season, cumulative Rainfall for the country as a whole during the period 1st June to 24th June, 2015 was 24% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 52% in Central India, 32% in South Peninsula, 4% in East & North East India and lower by 5% in North West India.*
- *Out of a total of 36 met sub-divisions, 29 met sub-divisions constituting 85% of the total area of the country has received excess/normal rainfall and 07 met sub-divisions constituting 15% of the total area of the country has received deficient/scanty rainfall.*

Advancement of the Southwest monsoon during the last week:

- *19th June 2015, monsoon was active over parts of Chhattisgarh, Odisha, Gangetic West Bengal, Coastal Andhra Pradesh and Bay of Bengal.*
- *21st June 2015, monsoon was active over Chhattisgarh, Odisha, West Bengal and some parts of Jharkhand.*
- *22nd June 2015, monsoon was active over Gujarat region, Madhya Pradesh, Chhattisgarh, Jharkhand and Bihar.*
- *23rd June 2015, monsoon was active over north Arabian Sea, Gujarat state, Madhya Pradesh, Bihar, Chhattisgarh, Jharkhand and East Uttar Pradesh.*
- *24th June 2015, monsoon was active over north Arabian Sea, Gujarat state, Madhya Pradesh, East Uttar Pradesh, Bihar, Himachal Pradesh, Uttarakhand, Jammu & Kashmir, Punjab and East Rajasthan.*
- *25th June 2015, monsoon reached over East Rajasthan, Gujarat Region, Uttarakhand, Haryana, Chandigarh & Delhi, HP, West MP, Madhya Maharashtra, Jharkhand and South Interior Karnataka.*

Rainfall forecast for the next week:

Heavy to very heavy rainfall would occur over Sub Himalayan West Bengal & Sikkim, East Madhya Pradesh, Vidarbha, Marathawada, Konkan & Goa, Interior & Coastal Karnataka, Kerala and Northeastern States.

- *Central Water Commission monitors 91 major reservoirs in the country which have total live capacity of 157.80 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 25th June, 2015 was 43.23 BCM as against 38.93 BCM on 25.06.2014 (last year) and 29.70 BCM of normal (average storage of the last 10 years) storage. Current year's storage is 111% of the last year's storage and 146% of the normal storage.*

- *As per latest information available on sowing of Kharif crops, around 15.6% of the normal area under Kharif crops has been sown upto 26.06.2015. Area sown under all Kharif crops taken together has been reported to be 165.62 lakh hectares at All India level as compared to 134.18 lakh hectares in the corresponding period of last year.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of May, 2015, increased to (-) 2.36% from the level of (-) 2.65% in the month of April, 2015. The inflation rate was 6.18% 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 May, 2015, decreased to (-) 0.77% from the level of (-) 0.25% in the month of April, 2015. The inflation rate was 8.58% during the corresponding period of last year.*
- *The inflation for non-food items has increased to (-) 2.24% from the previous month's level of (-) 6.18% and for the food items decreased to 3.80% from the previous month's level of 5.73%.*
- *Among the foodgrains, inflation for Rice has decreased to (-) 1.77% from the previous month's level of (-) 0.04%, Cereals to (-) 0.13% from the previous month's level of 0.39%. Inflation for Pulses has increased to 22.84% from the previous month's level of 15.38% and Wheat to 2.79% from the previous month's level of 1.79%.*
- *All-India progressive procurement of Wheat as on 26.06.2015 for the marketing season 2015-16 was 276.20 lakh tonnes against the procurement of 270.69 lakh tonnes upto the corresponding period of last year.*

Monsoon Season (June – September) during the week ending on 24th June, 2015

Sub-division-wise daily distribution of rainfall and minimum temperature are shown in **Table-1**

- **Rainfall during the week (18th June, 2015 to 24th June, 2015)** Rainfall was excess/normal in 28 and deficient/scanty in 08 out of 36 meteorological sub-divisions. (Sub-division wise weekly rainfall distribution is given in **Annex I**).
- **Cumulative rainfall (01st June to 24th June, 2015)** Rainfall was excess/normal in 29 and deficient in 07 out of 36 meteorological sub-divisions. (The sub-division-wise seasonal rainfall distribution is given in **Annex II**).

Table-2: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (24.06.2015)				Cumulative (01.06.15 to 24.06.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	18.3	18.6	-2	N	42.6	44.8	-5	N
Central India	96.7	50.7	91	E	169.3	111.1	52	E
South Peninsular India	76.1	38.1	100	E	158.3	120.2	32	E
East & North-East India	72.4	91.2	-21	D	279.0	268.9	4	N
Country as a whole	64.7	44.9	44	E	145.7	117.7	24	E

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

Source: India Meteorological Department, New Delhi

Table – 3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India Percentage Rainfall Departure for the last five years since: 1st June to

No. of Sub-Divisions with rainfall	<i>For the period from 1st June to</i>					
	23 JUN 2010	22 JUN 2011	27 JUN 2012	26 JUN 2013	25 JUN 2014	24 JUN 2015
Excess	09	17	02	26	00	16
Normal	11	09	10	06	07	13
Total	20	26	12	32	07	29
Deficient	11	09	12	03	20	05
Scanty	05	01	12	01	09	02
No rain	00	00	00	00	00	00
Total	16	10	24	04	29	07
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 11%	11%	(-) 23%	37%	(-) 40%	24%

Source: IMD

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

SouthPeninsula - 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.

Table-1

SUB-DIVISIONWISE <i>REALISED</i> DAILY DISTRIBUTION OF RAINFALL & TEMPERATURE-2015															
S.No.	METEOROLOGICAL SUB-DIVISIONS	RAINFALL							MAXIMUM TEMPERATURE						
		18 JUN	19 JUN	20 JUN	21 JUN	22 JUN	23 JUN	24 JUN	18 JUN	19 JUN	20 JUN	21 JUN	22 JUN	23 JUN	24 JUN
1	A & N ISLANDS	WS	WS	WS*	FWS	ISOL	FWS	FWS	N	BN	N	N	N	N	N
2	ARUNACHAL PRADESH	SCT	FWS	SCT	FWS	WS	WS	FWS	N	N	N	N	N	N	N
3	ASSAM & MEGHALAYA	SCT	SCT	SCT	FWS	WS	WS	WS	N	AN	N	N	N	N	N
4	MMT	SCT	SCT	FWS	SCT	FWS	WS*	FWS	N	N	N	N	N	N	N
5	SHWB & SIKKIM	WS*	FWS	SCT	ISOL	SCT	WS	WS	N	N	AAN	AN	N	ABN	ABN
6	GANGETIC W- BENGAL	SCT	ISOL	SCT	FWS	WS*	WS	WS	N	N	N	ABN	BN	ABN	N
7	ORISSA	SCT	SCT	FWS	WS**	WS*	FWS*	SCT	N	N	ABN	ABN	MBN	ABN	N
8	JHARKHAND	ISOL	ISOL	ISOL	SCT	WS*	WS*	FWS	N	N	N	ABN	ABN	ABN	N
9	BIHAR	ISOL	ISOL	DRY	ISOL	ISOL	SCT	ISOL	N	AN	N	N	N	N	N
10	EAST UTTAR PRADESH	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	AN	N	AAN	AN	N	N	N
11	WEST UTTAR PRADESH	DRY	DRY	SCT	ISOL	ISOL	ISOL	ISOL	AN	N	N	N	N	N	N
12	UTTARAKHAND	ISOL	SCT	WS	WS	SCT	SCT	ISOL	N	AN	ABN	N	N	N	N
13	HARYANA CHD. & DELHI	DRY	DRY	ISOL	SCT	ISOL	ISOL	ISOL	N	AAN	N	N	N	N	ABN
14	PUNJAB	DRY	DRY	ISOL	ISOL	ISOL	ISOL	SCT	AN	AAN	N	N	N	ABN	ABN
15	HIMACHAL PRADESH	ISOL	ISOL	WS	WS	ISOL	SCT	ISOL	AN	AAN	N	N	N	N	N
16	JAMMU & KASHMIR	DRY	DRY	DRY	WS	SCT	ISOL	FWS	AN	AAN	N	ABN	N	ABN	MBN
17	WEST RAJASTHAN	ISOL	DRY	ISOL	ISOL	ISOL	ISOL	SCT	N	AAN	AAN	N	N	N	N
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	SCT	N	AAN	AAN	N	N	N	N
19	WEST MP	SCT	SCT	ISOL	SCT	FWS*	FWS**	SCT	ABN	ABN	AN	AN	BN	ABN	N
20	EAST MP	SCT	ISOL	SCT	ISOL	SCT	FWS*	ISOL	N	ABN	AN	AN	BN	N	ABN
21	GUJARAT REG. DD & NH	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	FWS	N	N	N	N	BN	ABN	N
22	SAURASTRA K & DIU	SCT	SCT	ISOL	ISOL	ISOL	SCT	WS	N	AN	N	N	BN	ABN	N
23	KONKAN & GOA	WS*	WS*	WS*	WS*	WS*	WS	WS	ABN	ABN	ABN	N	N	ABN	N
24	MADHYA MAHARASHTRA	SCT	SCT	SCT	SCT	WS**	FWS*	WS	ABN	ABN	N	N	ABN	ABN	ABN
25	MARATHAWADA	FWS	SCT	DRY	ISOL	FWS	SCT	ISOL	N	ABN	N	N	ABN	ABN	N
26	VIDARBHA	WS*	FWS*	FWS*	WS**	WS**	WS*	ISOL	ABN	ABN	N	ABN	MBN	ABN	ABN
27	CHHATTISGARH	ISOL	SCT	SCT	ISOL	ISOL	WS*	SCT	N	N	N	N	ABN	N	N
28	COASTAL AP	FWS**	WS*	WS**	WS**	FWS	SCT	DRY	MBN	MBN	MBN	ABN	N	N	N
29	TELANGANA	FWS*	FWS**	FWS*	FWS**	WS*	ISOL	DRY	N	ABN	ABN	MBN	BN	N	N
30	RAYALASEEMA	ISOL	SCT	ISOL	ISOL	ISOL	DRY	ISOL	ABN	N	ABN	N	N	N	N
31	TAMIL & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ABN	BN	N	N	N	N	N
32	COASTAL KARNATAKA	WS	WS	WS*	WS*	WS	WS	WS	N	ABN	N	ABN	N	N	N
33	NORTH INT. KARNATAKA	SCT	SCT	SCT	SCT	WS*	ISOL	SCT	N	ABN	N	ABN	N	N	N
34	SOUTH INT. KARNATAKA	FWS	FWS*	FWS*	FWS**	FWS**	SCT	FWS	N	ABN	N	ABN	N	N	N
35	KERALA	WS	WS	WS	WS	WS	WS	WS	N	N	N	AN	N	N	N
36	LAKSHADWEEP	WS	WS	DRY	DRY	SCT	WS	WS	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL									
WS	WIDESPREAD/ MOST PLACES	FWS	FAIRLY WIDESPREAD/ MANY PLACES	SCT	SCATTERED/ FEW PLACES				
ISOL	ISOLATED	DRY	DRY	MD	MAINLY DRY				
RAINFALL ACTIVITY					*	ACTIVE	**	VIGOROUS	

LEGENDS FOR TEMPERATURE									
N	NORMAL (N, N+1, N-1) °C	BN	BELOW NORMAL (N-2) °C	ABN	APRECIABLY BELOW NORMAL (N-3, -4) °C				
MBN	MARKEDLY BELOW NORMAL (N-5 AND BELOW) °C	AN	ABOVE NORMAL (N+2) °C	MAN	MARKEDLY ABOVE NORMAL (N+5 AND ABOVE) °C				
AAN	APRECIABLY ABOVE NORMAL (N+3, +4) °C	**	Severe Cold wave conditions						
*	Cold wave conditions								

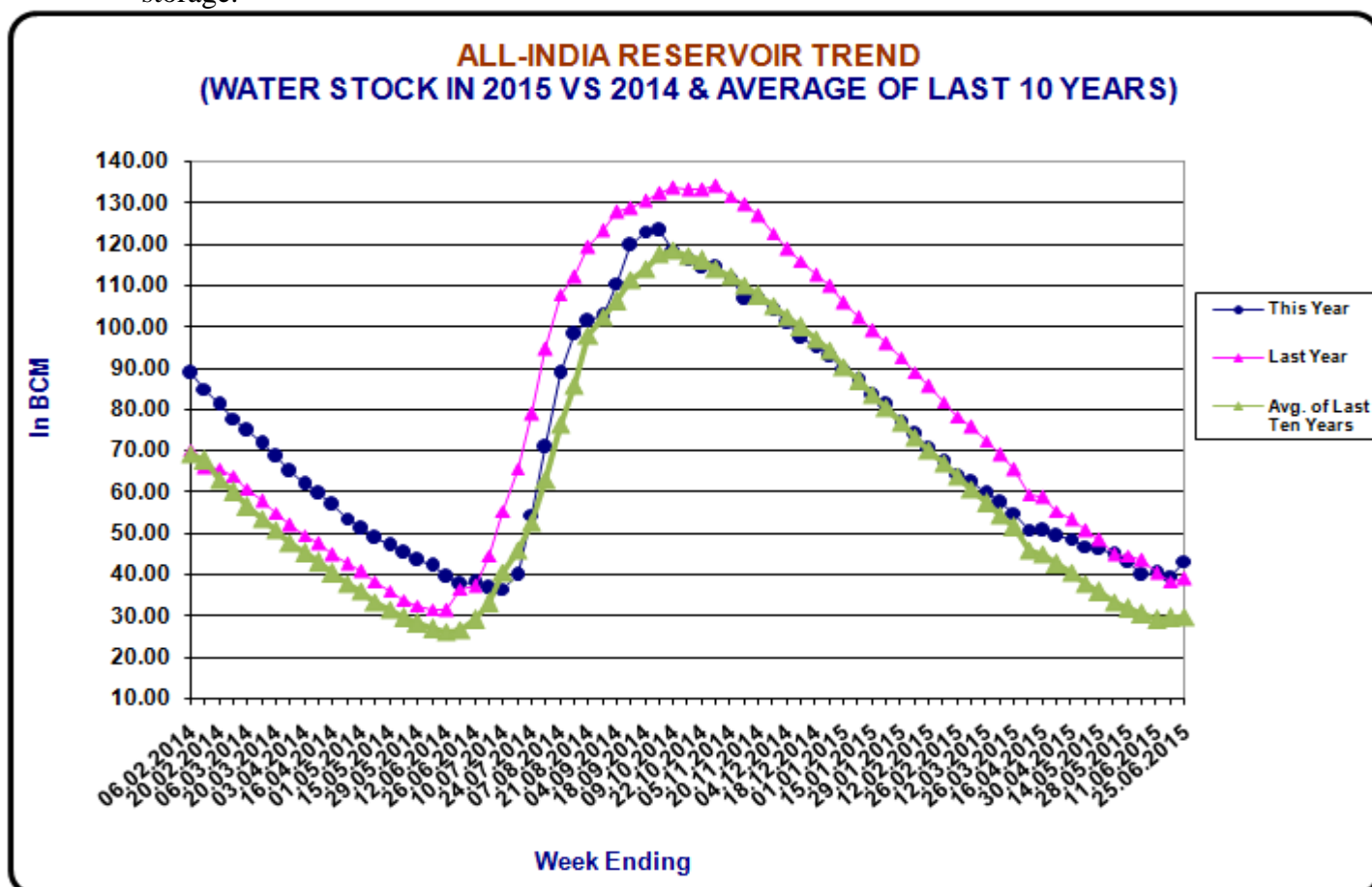
Reservoir Status (For the week ending on 25.06.2015)

- **The Central Water Commission** monitors the live storage of **91** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **157.80** billion cubic meters (BCM), which is about 74% of total reservoir capacity in the country.
- Water stock in 91 major reservoirs **increased to 43.23 BCM** from the previous week's level of 39.17 BCM. Current storage is **higher** than the last year's position of 38.93 BCM and more than the average of last 10 year's storage of 29.70 BCM.

Table – 4: For 91 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	27	111	146
Last Week	25	101	138
The percentage to live capacity at FRL was 25% on 25/06/2014, 22% on 25/06/2013, 18% on 14/06/2012 and 23% on 16/06/2011.			
* Live storage as % to Full Reservoir Level (FRL) of 157.80 Billion Cub. Mts.(BCM)			

- There were 71 reservoirs having storage more than 80%, 10 reservoirs having storage between 50% to 80% of Normal Storage, 04 reservoir having storage between 30% to 50% of Normal Storage and 06 reservoir having storage 30% or below of Normal Storage and 02 reservoir having no live storage.



Source: CWC

Source: Central Water Commission

* The State wise details (reservoir position) are given in the **Annex. III**

Fertilizer Position:

Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Kharif 2015 (As on 25.06.2015)

(in '000 Tonne)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>	<i>SSP</i>
<i>Opening Stock as on 01.04.2015</i>	<i>130</i>	<i>224</i>	<i>289</i>	<i>407</i>	<i>256</i>
<i>Requirement for Kharif, 2015</i>	<i>15490</i>	<i>5093</i>	<i>1831</i>	<i>5273</i>	<i>3311</i>
<i>Requirement upto June, 2015</i>	<i>3016</i>	<i>1088</i>	<i>403</i>	<i>1056</i>	<i>711</i>
<i>Availability upto 25.06.2015</i>	<i>6530</i>	<i>2225</i>	<i>616</i>	<i>2088</i>	<i>1122</i>
<i>Sales upto 25.06.2015</i>	<i>5792</i>	<i>1498</i>	<i>239</i>	<i>1089</i>	<i>557</i>
<i>Closing Stock as 25.06.2015</i>	<i>739</i>	<i>728</i>	<i>377</i>	<i>1000</i>	<i>565</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.

All India Crop Situation - Kharif (2015-16) as on			26.06.2015				
					(In lakh hectares)		
Crop Name	Normal Area for whole Kharif Season	Normal Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2015	% of Normal for whole season	Last Year 2014	Normal as on date	Last Year
Rice	388.34	35.68	23.28	6.0	25.04	-12.4	-1.8
Jowar	27.27	1.59	2.01	7.4	1.24	0.4	0.8
Bajra	84.80	1.94	1.47	1.7	2.59	-0.5	-1.1
Maize	72.50	10.57	14.18	19.6	11.32	3.6	2.9
Total Coarse Cereals	204.41	15.82	19.28	9.4	16.74	3.5	2.5
Total Cereals	592.75	51.50	42.56	7.2	41.78	-8.9	0.8
Tur	39.28	2.36	3.99	10.2	1.53	1.6	2.5
Urad	23.78	1.29	2.00	8.4	0.72	0.7	1.3
Moong	24.46	1.99	3.43	14.0	2.00	1.4	1.4
Kulthi	2.67	0.01	0.10	3.7	0.01	0.1	0.1
Others	18.56	1.45	1.52	8.2	1.88	0.1	-0.4
Total Pulses	108.75	7.10	11.04	10.2	6.14	3.9	4.9
Total Foodgrains	701.50	58.60	53.60	7.6	47.92	-5.0	5.7
Groundnut	44.97	4.54	6.42	14.3	2.58	1.9	3.8
Soyabean	104.00	1.18	20.34	19.6	1.46	19.2	18.9
Sunflower	3.39	0.36	0.25	7.5	0.35	-0.1	-0.1
Sesamum	18.62	0.81	0.79	4.2	0.77	0.0	0.0
Nigerseed	3.44	0.00	0.02	0.6	0.00	0.0	0.0
Castorseed	10.77	0.42	0.06	0.5	0.12	-0.4	-0.1
Total Oilseeds	185.19	7.31	27.89	15.05	5.29	20.6	22.6
Cotton	114.96	31.45	34.87	30.3	29.07	3.4	5.8
Sugarcane	48.18	45.31	41.58	86.3	43.92	-3.7	-2.3
Jute & Mesta	8.77	8.19	7.69	87.7	7.98	-0.5	-0.3
All- Crops	1058.59	150.86	165.62	15.6	134.18	14.8	31.4

Table - 6 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Inflation (year on year)		
		May, 2015	April, 2015	May, 2014
All Commodities	100	-2.36	-2.65	6.18
Primary Articles	20.12	-0.77	-0.25	8.58
(a) Food Articles	14.34	3.80	5.73	9.64
Cereals	3.37	-0.13	0.39	7.81
Rice	1.79	-1.77	-0.04	12.75
Wheat	1.12	2.79	1.79	3.44
Pulses	0.72	22.84	15.38	-0.17
Gram	0.33	20.44	8.45	-13.61
Arhar	0.13	29.93	23.89	1.32
Moong	0.08	13.47	11.33	19.71
Masur	0.05	24.60	21.93	15.58
Urad	0.10	29.72	24.37	14.80
Vegetables	1.74	-5.54	-1.32	0.08
Potato	0.20	-51.95	-41.14	37.12
Onion	0.18	20.41	29.97	-3.46
Fruits	2.11	8.65	14.22	19.45
Milk	3.24	6.85	7.42	9.57
Egg, Meat & Fish	2.41	0.86	4.01	12.51
(b) Non-Food Articles	4.26	-2.24	-6.18	4.94
Oilseeds	1.78	-1.01	-1.80	4.97
Fuel & Power	14.91	-10.51	-13.03	10.53

Procurement:**Table – 7: Progressive procurement of Wheat as on 26.06.2015 (lakh tonnes)**

State	Total procurement in marketing season 2014-15 (April to March.)	Progressive Procurement as on 26.06.2015	
		In Marketing season 2015-2016	In Marketing season 2014-2015
Punjab	116.41	99.52	107.72
Haryana	64.95	67.56	64.14
Uttar Pradesh	6.28	22.67	6.28
Madhya Pradesh	70.94	72.61	70.94
Rajasthan	21.59	12.96	21.55
All-India	280.23	276.20	270.69