

**F. No. 3-1/ 2017-18-CFCC-E&S**  
**GOVERNMENT OF INDIA**  
**MINISTRY OF AGRICULTURE AND FARMERS WELFARE**  
**DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE**  
**(CROP FORECAST COORDINATION CENTRE)**

Room No. 344-A, Krishi Bhawan, New Delhi

Dated: 25.07.2017

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 21.07.2017.**

**Summary observations of the Group on Agenda Items**

- *In the monsoon season, at All-India level, the rainfall during the week (13<sup>th</sup> July, 2017 – 19<sup>th</sup> July, 2017) has been 11% higher than Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been higher than LPA by 70% in Central India and 13% in South Peninsula but lower than LPA by 52% in East & North East India and 20% in North West India.*
- *The cumulative rainfall in the country during the monsoon season i.e. 01<sup>st</sup> June to 19<sup>th</sup> July, 2017 has been 1% higher than Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been higher than LPA by 18% in North West India and 8% in Central India but lower than LPA by 12% in East & North East India and 6% in South Peninsula.*
- *Out of 36 met sub-divisions, 01 met subdivision constituting 7% of the total area of the country has received large excess, 05 met subdivisions constituting 16% of the total area of the country has received excess rainfall, 26 met sub-divisions constituting 69% of the total area of the country has received normal rainfall and 04 met sub-divisions constituting 8% of the total area of the country has received deficient rains.*
- *Central Water Commission monitors 91 major reservoirs in the country which have total live capacity of 157.80 Billion Cubic Meter (BCM) at Full Reservoir Level (FRL). Out of these, 76 reservoirs with FRL capacity of 116.25 BCM have irrigation potential. Live storage in the 91 major reservoirs as on 20<sup>th</sup> July, 2017 has been 43.73 BCM as against 53.86 BCM on 20.07.2016 (last year) and 50.84 BCM of normal (average of the last 10 years) storage. Current year's storage is 81% of last year's storage and 86% of the average of last 10 year's storage.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of June, 2017 decreased to 0.90% from the level of 2.17 in the month of May, 2017. The inflation rate was (-) 0.09% 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 June, 2017, decreased to (-) 3.86% from the level of (-) 1.79% in the month of May, 2017. The inflation rate was 5.68% during the corresponding period of last year.*

- *The inflation for non-food items has decreased to (-) 5.15% from the previous month's level of (-) 0.91% and for the food items to (-) 3.47% from the previous month's level of (-) 2.27%.*
- *Among the foodgrains, the inflation for Cereals has decreased to 1.93% from the previous month's level of 4.15%, Pulses to (-) 25.47% from the previous month's level of (-) 19.73%, Paddy to 4.36% from the previous month's level of 6.33% and Wheat (-) 0.29% from the previous month's level of 2.23%.*
- *As per latest information available on sowing of Kharif crops, around 65% of the normal area under Kharif crops has been sown upto 21.07.2017. Area sown under all Kharif crops taken together has been reported to be 685.31 lakh hectares at All India level as compared to 673.41 lakh hectares in the corresponding period of last year.*
- *As compared to normal area as on date, total area coverage this year is higher by 13.2 lakh ha. under Bajra, 2.9 lakh ha. under Tur, 10.3 lakh ha. under Urad, 6.7 lakh ha. under Moong, 2.7 lakh ha. under Groundnut, 12.2 lakh ha. under Cotton and lower by 3.4 lakh ha. under Rice, 1.7 lakh ha. under Jowar, 10.3 lakh ha. under Soyabean.*
- *All-India progressive procurement of Rice as on 21.07.2017 for 2016-17 was 386.73 lakh tonnes against the procurement of 340.81 lakh tonnes in the corresponding period of last year. The procurement of wheat for the rabi marketing season (RMS) 2017-18 was 308.01 lakh tonnes against the procurement of 229.62 lakh tonnes in the corresponding period of RMS 2016-17.*
- *Availability position of seeds and fertilizers has been found satisfactory.*

**1. Monsoon Season (June – September) during the week ending on 19<sup>th</sup> July, 2017**

➤ **Sub-Division wise Weekly Rainfall Forecast is shown in Table-1.1**

- **Rainfall during the week (13<sup>th</sup> July, 2017 to 19<sup>th</sup> July, 2017)** Rainfall was large excess/excess in 14 subdivision, normal in 07 and deficient/large deficient in 15 subdivision out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> June, 2017 to 19<sup>th</sup> July, 2017)** Rainfall was large excess/excess in 06, normal in 26 and deficient in 04 sub-divisions out of 36 meteorological sub-divisions.

**Table - 1.2: Weekly and Cumulative Rainfall in four regions of the country<sup>1</sup>**

Region	Week Ending (19.07.2017)				Cumulative (01.06.17 to 19.07.17)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	43.6	54.7	-20	D	230.4	195.7	18	N
Central India	129.7	76.3	70	LE	388.2	359.8	8	N
South Peninsular India	54.2	47.9	13	N	273.2	290.5	-6	N
East & North-East India	47.4	98.3	-52	D	553.0	627.1	-12	N
Country as a whole	75.3	67.6	11	N	343.4	338.4	1	N

LE: Large Excess, E: Excess, N: Normal, D: Deficient, LD: Large Deficient, NR: No Rain.

Source: India Meteorological Department, New Delhi

**Table -1.3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India Percentage Rainfall Departure for the last five years since: 1<sup>st</sup> June to 19<sup>th</sup> July, 2017**

No. of Sub-Divisions with rainfall	<i>For the period from 1<sup>st</sup> June to 19<sup>th</sup> July, 2017</i>					
	18 JUL 2012	17 JUL 2013	16 JUL 2014	22 JUL 2015	20 JUL 2016	19 JUL 2017
Large Excess	-	-	-	-	-	01
Excess	01	20	00	04	08	05
Normal	10	10	07	20	22	26
<b>Total</b>	<b>11</b>	<b>30</b>	<b>07</b>	<b>24</b>	<b>30</b>	<b>32</b>
Deficient	22	06	20	12	06	04
Large Deficient	-	-	-	-	-	-
Scanty	03	00	09	00	00	00
No rain	00	00	00	00	00	00
<b>Total</b>	<b>25</b>	<b>06</b>	<b>29</b>	<b>12</b>	<b>06</b>	<b>04</b>
Data Inadequate	00	00	00	00	00	00
<b>TOTAL</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>
<b>All-India % Rainfall Deviation</b>	<b>(-) 22%</b>	<b>16%</b>	<b>(-) 36%</b>	<b>(-) 7%</b>	<b>1%</b>	<b>1%</b>

Source: IMD

- Sub-division-wise 5 days rainfall forecast from 24<sup>th</sup> July, 2017 to 28<sup>th</sup> July, 2017 is shown in Table 1.4

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

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

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

**Table: 1.1**

<b>METEOROLOGICAL SUB-DIVISIONWISE DISTRIBUTION OF REALISED RAINFALL -2017</b>								
<b>Sr.No</b>	<b>MET.SUB-DIVISIONS</b>	<b>13 JUL</b>	<b>14 JUL</b>	<b>15 JUL</b>	<b>16 JUL</b>	<b>17 JUL</b>	<b>18 JUL</b>	<b>19 JUL</b>
1	ANDAMAN & NICO.ISLANDS	WS	WS	FWS	SCT	WS	WS	SCT
2	ARUNACHAL PRADESH	ISOL	ISOL	ISOL	DRY	WS	SCT	FWS
3	ASSAM & MEGHALAYA	ISOL	ISOL	ISOL	SCT	SCT	ISOL	WS*
4	NAGA.MANI.MIZO.& TRIPURA	FWS	WS*	SCT	FWS	SCT	SCT	WS
5	SUB-HIM.W. BENG. & SIKKIM	ISOL	FWS	SCT	SCT	SCT	SCT	FWS
6	GANGETIC WEST BENGAL	WS*	WS	FWS	FWS	SCT	SCT	FWS
7	ODISHA	WS*	FWS	FWS	WS	WS*	WS*	WS*
8	JHARKHAND	WS	WS	SCT	ISOL	SCT	SCT	SCT
9	BIHAR	FWS	SCT	ISOL	ISOL	ISOL	ISOL	SCT
10	EAST UTTAR PRADESH	SCT	SCT	ISOL	ISOL	ISOL	SCT	ISOL
11	WEST UTTAR PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	SCT	ISOL
12	UTTARAKHAND	WS	SCT	FWS	WS*	FWS	FWS	SCT
13	HARYANA CHD. & DELHI	SCT	ISOL	ISOL	SCT	ISOL	ISOL	ISOL
14	PUNJAB	SCT	ISOL	ISOL	ISOL	ISOL	SCT	SCT
15	HIMACHAL PRADESH	FWS*	ISOL	SCT	FWS*	FWS	WS*	SCT
16	JAMMU & KASHMIR	FWS*	SCT	SCT	SCT	WS	FWS	WS
17	WEST RAJASTHAN	ISOL	FWS*	SCT	SCT	ISOL	SCT	FWS
18	EAST RAJASTHAN	SCT	FWS*	FWS*	FWS	SCT	SCT	SCT
19	WEST MADHYA PRADESH	WS*	WS*	WS*	SCT	SCT	SCT	FWS
20	EAST MADHYA PRADESH	WS*	WS	FWS	FWS	FWS	WS*	FWS
21	GUJARAT REGION D.D. & N.H.	FWS	WS	WS*	WS*	FWS	SCT	FWS**
22	SAURASTRA KUTCH & DIU	SCT	SCT	WS**	WS**	FWS	WS*	FWS**
23	KONKAN & GOA	WS	WS*	WS*	WS	WS	WS*	WS*
24	MADHYA MAHARASHTRA	FWS	WS*	FWS*	FWS*	FWS*	FWS	FWS*
25	MARATHAWADA	SCT	WS	SCT	SCT	WS*	FWS	WS*
26	VIDARBHA	FWS	FWS	WS*	WS	FWS	WS*	WS**
27	CHHATTISGARH	SCT	FWS	FWS	WS	WS	WS*	WS*
28	COASTAL ANDHRA PRADESH	SCT	WS	FWS*	FWS	FWS	WS**	WS*
29	TELANGANA	FWS	WS	FWS	FWS	WS*	WS*	WS*
30	RAYALASEEMA	ISOL	SCT	ISOL	SCT	ISOL	ISOL	FWS*
31	TAMILNADU & PUDUCHERRY	ISOL	SCT*	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	WS	WS*	WS	WS	WS	WS	WS*
33	NORTH INT.KARNATAKA	SCT	FWS	FWS	SCT	SCT	FWS	WS*
34	SOUTH INT.KARNATAKA	FWS	FWS	FWS	FWS	FWS	FWS	WS*
35	KERALA	SCT	WS	WS	FWS	WS	FWS	WS
36	LAKSHADWEEP	FWS	FWS	FWS	FWS	DRY	FWS	WS
<b>LEGENDS:</b>								
WS	WIDE SPREAD / MOST PLACES (76-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)					
SCT	SCATTERED / FEW PLACES (26% to 50%)	ISOL	ISOLATED (up to 25%)	DRY	NO STATION REPORTED RAINFALL			
* ACTIVE (R/F 1 <sup>1/2</sup> - 4 times the normal with WS/FWS, at least 2 stations should be 5 cm. along west coast & 3 cm. elsewhere )								
** VIGOROUS (R/F More than 4 times the normal with WS/FWS, at least 2 stations should be 8 cm. along west coast & 5 cm. elsewhere)								

Table: 1.4

Met-Sub-Division	24-Jul Today	25Jul Tue	26Jul Wed	27Jul Thu	28Jul Fri
1. Andaman & Nicobar Islands	FWS	WS	WS	WS	WS
2. Arunachal Pradesh	SCT	SCT	SCT	FWS	WS
3. Assam & Meghalaya	FWS	SCT	SCT	FWS	WS
4. N. M. M. & T.	FWS	SCT	SCT	FWS	WS
5. S.H. West Bengal & Sikkim	WS	WS	WS	WS	WS
6. Gangetic West Bengal	WS	WS	FWS	FWS	WS
7. Odisha	FWS	FWS	FWS	FWS	WS
8. Jharkhand	WS	WS	WS	WS	WS
9. Bihar	FWS	WS	WS	WS	WS
10. East Uttar Pradesh	FWS	FWS	FWS	WS	WS
11. West Uttar Pradesh	SCT	SCT	FWS	FWS	WS
12. Uttarakhand	WS	WS	WS	WS	WS
13. Haryana, Chd & Delhi	SCT	SCT	SCT	FWS	FWS
14. Punjab	SCT	SCT	SCT	FWS	FWS
15. Himachal Pradesh	FWS	FWS	WS	WS	WS
16. Jammu & Kashmir	FWS	FWS	FWS	FWS	WS
17. West Rajsthan	FWS	FWS	SCT	SCT	ISOL
18. East Rajasthan	FWS	FWS	FWS	FWS	ISOL
19. West Madhya Pradesh	FWS	FWS	FWS	FWS	SCT
20. East Madhya Pradesh	FWS	SCT	FWS	FWS	SCT
21. Gujarat Region	WS	WS	FWS	FWS	SCT
22. Saurashtra & Kutch	WS	WS	SCT	SCT	ISOL
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	FWS	FWS	SCT	SCT	SCT
25. Marathawada	ISOL	ISOL	ISOL	ISOL	SCT
26. Vidharbha	SCT	SCT	SCT	SCT	SCT
27. Chhattisgarh	FWS	SCT	SCT	SCT	FWS
28. Coastal Andhra Pradesh	ISOL	SCT	SCT	SCT	SCT
29. Telangana	ISOL	ISOL	ISOL	ISOL	SCT
30. Rayalaseema	ISOL	ISOL	ISOL	SCT	SCT
31. Tamilnadu & Puducherry	ISOL	ISOL	SCT	SCT	SCT
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	SCT	SCT	SCT	SCT	SCT
34. South Interior Karnataka	SCT	SCT	SCT	FWS	FWS
35. Kerala	FWS	FWS	FWS	FWS	FWS
36. Lakshadweep	SCT	FWS	FWS	FWS	FWS

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

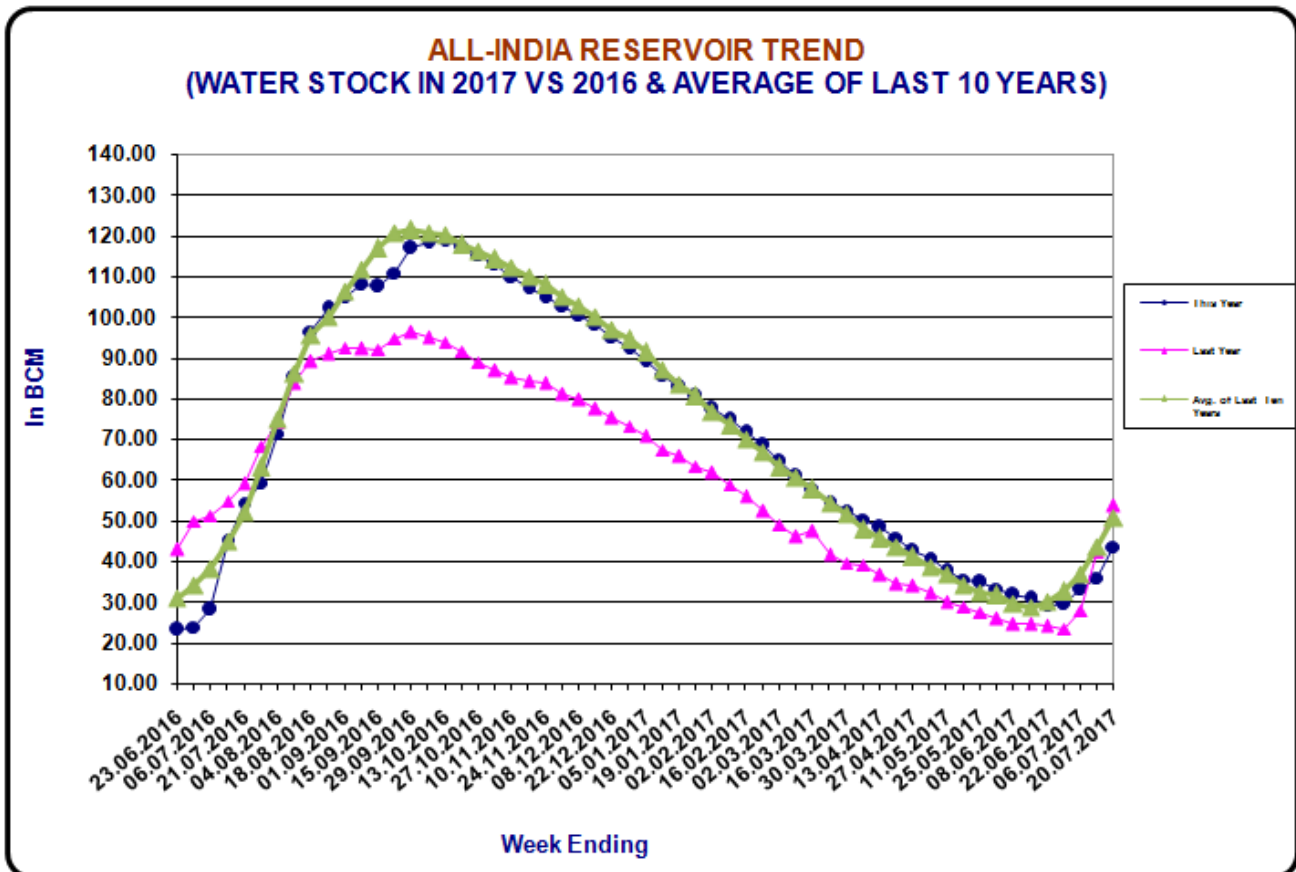
## 2. Reservoir Status (For the week ending on 20.07.2017)

- **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 62% of total reservoir capacity in the country.
- Water stock in 91 major reservoirs increased to 43.73 BCM from the previous week's level of 36.11 BCM. Current storage is lower than the last year's position of 53.86 BCM and lower than the average of last 10 year's storage of 50.84 BCM.

**Table – 2.1 : For 91 major reservoirs of the country**

Period	Storage as % of FRL	Storage as % of last year	Storage as % of 10 year's average level
Current Week	28	81	86
Last Week	23	85	82
The percentage to live capacity at FRL was 34% on 20/07/2016, 35% on 20/07/2015, 28% on 20/07/2014 and 46% on 20/07/2013.			
<i>Source: CWC</i>			

There were 45 reservoirs having storage more than 80% of normal storage, 17 reservoirs having storage between 50% to 80%, 11 reservoir having storage between 30% to 50%, 18 reservoirs having storage upto 30% of Normal Storage and 02 reservoirs having no live storage.



Source: Central Water Commission

### 3. Fertilizer Position:

**Table – 3.1: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Kharif 2017 (As on 20.07.2017)**

*(in '000 Tonnes)*

Availability / Sale / Closing Stock	Urea	DAP	MOP	Complex	SSP
Opening Stock as on 01.04.2017	1340	586	76	683	214
Requirement for Kharif, 2017	14424	4791	1720	4773	2591
Requirement upto July, 2017	2845	907	365	1924	517
Availability upto 20.07.2017	8932	2889	1068	2336	1243
Sales upto 20.07.2017	6300	1905	814	1143	840
Closing Stock upto 20.07.2017	2633	985	254	1193	403

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

### 4. Pest & Diseases:

- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

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

**Table: 5.1**

Period / commodities	Weight	Inflation (year on year)		
		June-2017	May-2017	June-2016
<b>All Commodities</b>	<b>100</b>	<b>0.90</b>	<b>2.17</b>	<b>-0.09</b>
<b>Primary Articles</b>	<b>22.62</b>	<b>-3.86</b>	<b>-1.79</b>	<b>5.68</b>
<b>(a) Food Articles</b>	<b>15.26</b>	<b>-3.47</b>	<b>-2.27</b>	<b>7.78</b>
<b>Cereals</b>	<b>2.82</b>	<b>1.93</b>	<b>4.15</b>	<b>9.47</b>
Paddy	1.43	4.36	6.33	6.44
Wheat	1.03	-0.29	2.23	11.61
<b>Pulses</b>	<b>0.64</b>	<b>-25.47</b>	<b>-19.73</b>	<b>27.35</b>
Gram	0.26	-7.59	3.65	39.63
Arhar	0.13	-45.53	-43.91	25.04
Moong	0.07	-24.84	-25.76	-8.70
Masur	0.05	-24.35	-21.87	2.52
Urad	0.09	-43.13	-36.93	54.36
<b>Vegetables</b>	<b>1.87</b>	<b>-21.16</b>	<b>-18.51</b>	<b>18.62</b>
Potato	0.28	-47.32	-44.36	81.00
Onion	0.16	-9.47	-12.86	-39.52
Fruits	1.60	-0.07	-0.73	6.00
Milk	4.44	4.12	4.47	2.30
Egg, Meat & Fish	2.40	1.92	-1.02	2.27
<b>(b) Non-Food Articles</b>	<b>4.12</b>	<b>-5.15</b>	<b>-0.91</b>	<b>6.15</b>
<b>Oilseeds</b>	<b>1.12</b>	<b>-13.04</b>	<b>-10.22</b>	<b>2.71</b>
Fuel & Power	13.15	5.28	11.69	- 11.62



## 6. All India Crop Situations

**Table: 6.1**

All India Crop Situation - Kharif (2017-18) as on 21.07.2017							
(In lakh hectares)							
Crop Name	Normal Area for whole Kharif Season	Normal Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2017	% of Normal for whole season	Last Year 2016	Normal as on date	Last Year
Rice	395.94	180.46	177.04	44.7	169.23	-3.4	7.8
Jowar	23.46	13.79	12.08	51.5	14.76	-1.7	-2.7
Bajra	76.66	41.29	54.46	71.0	41.98	13.2	12.5
Maize	73.30	60.67	60.17	82.1	68.17	-0.5	-8.0
Total Coarse Cereals	192.06	121.07	130.90	68.2	129.41	9.8	1.5
Total Cereals	588.01	301.53	307.94	52.4	298.64	6.4	9.3
Tur	39.24	26.45	29.32	74.7	36.30	2.9	-7.0
Urad	24.79	16.38	26.71	107.8	21.40	10.3	5.3
Moong	23.41	16.38	23.09	98.7	24.82	6.7	-1.7
Kulthi	2.40	0.16	0.17	6.9	0.28	0.0	-0.1
Others	15.74	8.20	14.06	89.3	7.54	5.9	6.5
Total Pulses	105.58	67.56	93.36	88.4	90.33	25.8	3.0
Total Foodgrains	693.59	369.09	401.30	57.9	388.97	32.2	12.3
Groundnut	41.49	26.37	29.04	70.0	32.81	2.7	-3.8
Soyabean	110.36	94.91	84.57	76.6	102.84	-10.3	-18.3
Sunflower	2.29	0.91	0.95	41.5	1.18	0.0	-0.2
Sesamum	17.97	6.73	7.38	41.1	7.15	0.7	0.2
Nigerseed	2.92	0.30	0.35	12.0	0.26	0.1	0.1
Castorseed	11.84	1.03	1.26	10.6	0.58	0.2	0.7
Total Oilseeds	186.86	130.24	123.55	66.11	144.82	-6.7	-21.3
Cotton	122.45	92.06	104.29	85.2	86.86	12.2	17.4
Sugarcane	50.05	48.97	49.15	98.2	45.22	0.2	3.9
Jute & Mesta	8.39	7.91	7.02	83.6	7.54	-0.9	-0.5
All- Crops	1061.34	648.27	685.31	64.6	673.41	37.0	11.9

Source: Crops & TMOP Divisions, DAC

7. Progressive procurement of Rice as on 21.07.2017 (lakh tonnes)

Table: 7.1

State	Total procurement in marketing season 2016-17 (Oct. – Sept.)	Progressive Procurement as on 21.07.2017	
		In Marketing season 2016-2017	In Marketing season 2015-2016
Andhra Pradesh	42.00	37.15	43.28
Telangana	30.00	35.93	15.80
Bihar	20.00	12.34	12.23
Chhattisgarh	35.00	46.62	34.42
Haryana	29.00	35.83	28.61
Kerala	2.22	3.08	3.76
Madhya Pradesh	9.00	13.14	8.41
Maharashtra	3.25	3.06	2.30
Odisha	31.00	35.80	33.69
Punjab	94.50	110.52	93.50
Tamil Nadu	15.00	1.42	11.10
Uttar Pradesh	33.50	23.54	29.10
Uttrakhand	6.00	7.06	5.97
West Bengal	25.00	19.22	15.45
All-India	380.00	386.73	340.81

8. Progressive procurement of Wheat as on 21.07.2017 (lakh tonnes)

Table: 8.1

State	Total procurement in marketing season 2017-18 (April – March)	Progressive Procurement as on 21.07.2017	
		In Marketing season 2017-2018	In Marketing season 2016-2017
Haryana	75.00	74.11	67.52
Madhya Pradesh	85.00	67.24	39.92
Punjab	115.00	117.05	106.49
Rajasthan	17.50	12.45	7.62
Uttar Pradesh	30.00	36.99	7.97
All-India	330.00	308.01	229.62