

**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: 31.10.2017

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 27.10.2017.**

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

- *In the Post-monsoon season, at All-India level, the rainfall during the week (19<sup>th</sup> October, 2017 – 25<sup>th</sup> October, 2017) has been 10% 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 226% in East & North East India, 16% in Central India but lower than LPA by 97% in North West India and 77% in South Peninsula.*
- *The cumulative rainfall in the country during the Post-monsoon season i.e. 01<sup>st</sup> October to 25<sup>th</sup> October, 2017 has been 6% 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 36% in East & North East India, 18% in Central India & 12% in South Peninsula but lower than LPA by 98% in North West India.*
- *Out of 36 met sub-divisions, 13 met subdivisions constituting 34% of the total area of the country has received large excess/ excess rainfall, 06 met subdivisions constituting 09% of the total area of the country has received normal rainfall, 13 met sub-divisions constituting 44% of the total area of the country has received deficient/large deficient rainfall and 04 met subdivisions constituting 13% of the total area of the country has received no 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 26<sup>th</sup> October, 2017 has been 109.88 BCM as against 115.48 BCM on 26.10.2016 (last year) and 114.65 BCM of normal (average of the last 10 years) storage. Current year's storage is 95% of last year's storage and 96% 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 September, 2017 decreased to 2.60% from the level of 3.24% in the month of August, 2017. The inflation rate was 1.36% 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 September, 2017, decreased to 0.15% from the level of 2.66% in the month of August, 2017. The inflation rate was 3.73% during the corresponding period of last year.*

- *The inflation for non-food items has increased to (-) 2.20% from the previous month's level of (-) 3.60% and for the food items has decreased to 2.04% from the previous month's level of 5.75%.*
- *Among the foodgrains, the inflation for Cereals has decreased to (-)0.07% from the previous month's level of 0.21%, Wheat (-) 1.71% from the previous month's level of (-) 1.44% but Pulses was (-) 24.26% compared with previous month's level of (-) 30.16% and Paddy was higher by 2.83% from the previous month's level of 2.70%.*
- *All-India progressive procurement of Rice as on 27.10.2017 for 2017-18 was 103.15 lakh tonnes against the procurement of 100.00 lakh tonnes in the corresponding period of last year. The procurement of wheat for the rabi marketing season (RMS) 2017-18 was 308.25 lakh tonnes against the procurement of 229.62 lakh tonnes in the corresponding period of RMS 2016-17.*
- *Army worm incidence was observed above ETL in Ragi, Jowar & Maize crop at Chitradurga, Davengere, Haveri and Kolar districts of Karnataka.*
- *False smut incidence was observed (low to moderate) in Paddy at Barabanki district of U.P. in limited area.*
- *Pink Bollworm incidence was observed above Economic Threshold Level (ETL) in cotton crop at Jalna, Jalgoan, Amravati, Akola, Yawatmal, Parbhani, Aurangabad and Beed districts of Maharashtra.*
- *Availability position of seeds and fertilizers has been found satisfactory.*
- *Imports of wheat, pulses, edible oil, cotton and sugar during the current year (April to July) have been higher as compared to its imports during the corresponding period of last year.*

**Post-monsoon Season (October – December) during the week ending 25<sup>th</sup> October, 2017**

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

- **Rainfall during the week (19<sup>th</sup> October, 2017 to 25<sup>th</sup> October, 2017)** Rainfall was large excess/excess in 7 subdivisions, normal in 01, deficient/large deficient in 21 subdivisions and no rain in 07 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> October, 2017 to 25<sup>th</sup> October, 2017)** Rainfall was large excess/excess in 13, normal in 06, deficient/large deficient in 13 sub-divisions and 04 met subdivisions 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 (25.10.2017)				Cumulative (01.10.17 to 25.10.17)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.1	3.5	-97	LD	0.7	28.7	-98	LD
Central India	10.8	9.3	16	N	63.4	53.9	18	N
South Peninsular India	8.0	34.9	-77	LD	146.3	130.8	12	N
East & North-East India	65.9	20.2	226	LE	163.3	120.3	36	E
Country as a whole	15.7	14.3	10	N	76.3	72.0	6	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> Oct. to 25<sup>th</sup> Oct., 2017**

No. of Sub-Divisions with rainfall	<i>For the period from 1<sup>st</sup> October to 25<sup>th</sup> October, 2017</i>					
	24 OCT 2012	23 OCT 2013	22 OCT 2014	28 OCT 2015	26 OCT 2016	25 OCT 2017
Large Excess	-	-	-	-	-	03
Excess	03	21	05	01	08	10
Normal	11	04	03	05	09	06
<b>Total</b>	<b>14</b>	<b>25</b>	<b>08</b>	<b>06</b>	<b>17</b>	<b>19</b>
Deficient	09	11	14	08	07	07
Large Deficient	-	-	-	-	-	06
Scanty	13	00	14	22	12	-
No rain	00	00	00	00	00	04
<b>Total</b>	<b>22</b>	<b>11</b>	<b>28</b>	<b>30</b>	<b>19</b>	<b>17</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>(-) 21%</b>	<b>46%</b>	<b>(-) 31%</b>	<b>(-) 52%</b>	<b>(-) 31%</b>	<b>6%</b>

Source: IMD

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

Table: 1.4

Met-Sub-Division	27-Oct Today	28Oct Sat	29Oct Sun	30Oct Mon	31Oct Tue
1. Andaman & Nicobar Islands	SCT	SCT	FWS	FWS	FWS
2. Arunachal Pradesh	DRY	DRY	ISOL	ISOL	ISOL
3. Assam & Meghalaya	DRY	DRY	ISOL	SCT	SCT
4. N. M. M. & T.	ISOL	ISOL	SCT	SCT	SCT
5. S.H. West Bengal & Sikkim	ISOL	ISOL	ISOL	SCT	SCT
6. Gangetic West Bengal	DRY	DRY	DRY	ISOL	ISOL
7. Odisha	ISOL	ISOL	DRY	DRY	DRY
8. Jharkhand	DRY	DRY	DRY	DRY	DRY
9. Bihar	DRY	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	ISOL	ISOL	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	ISOL	ISOL	DRY	DRY	DRY
16. Jammu & Kashmir	ISOL	ISOL	DRY	DRY	DRY
17. West Rajsthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	ISOL	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	DRY
25. Marathawada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	DRY	DRY	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	DRY	DRY	DRY
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	SCT	SCT
29. Telangana	ISOL	DRY	DRY	DRY	DRY
30. Rayalaseema	ISOL	SCT	ISOL	ISOL	ISOL
31. Tamilnadu & Puducherry	FWS	FWS	SCT	FWS	FWS
32. Coastal Karnataka	FWS	SCT	ISOL	ISOL	ISOL
33. North Interior Karnataka	ISOL	ISOL	DRY	DRY	DRY
34. South Interior Karnataka	SCT	FWS	SCT	SCT	SCT
35. Kerala	WS	WS	SCT	SCT	SCT
36. Lakshadweep	SCT	FWS	WS	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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

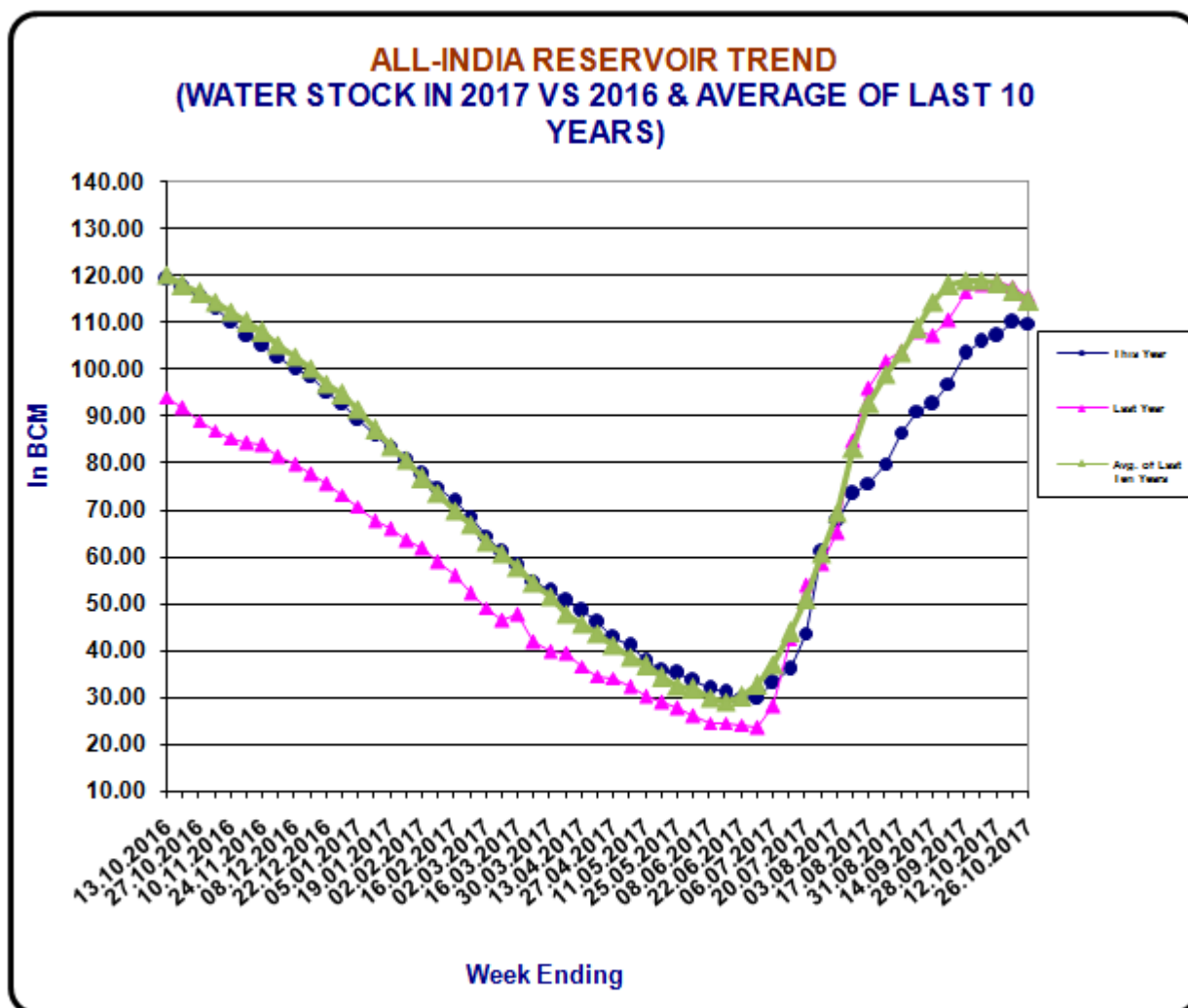
## 2. Reservoir Status (For the week ending on 26.10.2017)

- **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 decreased to 109.88 BCM from the previous week's level of 109.98 BCM. Current storage is lower than the last year's position of 115.48 BCM and the average of last 10 year's storage of 114.65 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	70	95	96
Last Week	70	93	94
The percentage to live capacity at FRL was 73% on 26/10/2016, 57% on 26/10/2015, 75% on 26/10/2014 and 86% on 26/10/2013.			
<i>Source: CWC</i>			

There were 72 reservoirs having storage more than 80% of normal storage, 12 reservoirs having storage between 50% to 80%, 04 reservoir having storage between 30% to 50%, 03 reservoirs having storage upto 30% of Normal 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 Rabi 2017 (As on 26.10.2017)**

*(in '000 Tonnes)*

Availability / Sale / Closing Stock	Urea	DAP	MOP	Complex	SSP
Opening Stock as on 01.10.2017	1080	967	214	966	242
Requirement for Rabi, 2017	15430	5083	1670	5046	2948
Requirement upto October, 2017	2818	1419	320	865	590
Availability upto 26.10.2017	2792	1835	400	1559	568
Sales upto 26.10.2017	1100	589	120	346	262
Closing Stock upto 26.10.2017	1692	1246	280	1213	306

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)		
		Sept.-2017	Aug.-2017	Sept.-2016
<b>All Commodities</b>	<b>100</b>	<b>2.60</b>	<b>3.24</b>	<b>1.36</b>
<b>Primary Articles</b>	<b>22.62</b>	<b>0.15</b>	<b>2.66</b>	<b>3.73</b>
<b>(a) Food Articles</b>	<b>15.26</b>	<b>2.04</b>	<b>5.75</b>	<b>4.19</b>
<b>Cereals</b>	<b>2.82</b>	<b>-0.07</b>	<b>0.21</b>	<b>9.44</b>
Paddy	1.43	2.83	2.70	7.03
Wheat	1.03	-1.71	-1.44	10.94
<b>Pulses</b>	<b>0.64</b>	<b>-24.26</b>	<b>-30.16</b>	<b>19.20</b>
Gram	0.26	-17.81	-24.63	55.43
Arhar	0.13	-35.81	-40.82	-6.25
Moong	0.07	-16.18	-21.67	-19.58
Masur	0.05	-24.01	-26.78	-6.71
Urad	0.09	-38.99	-44.53	23.17
<b>Vegetables</b>	<b>1.87</b>	<b>15.48</b>	<b>44.91</b>	<b>-9.90</b>
Potato	0.28	-46.52	-43.82	75.15
Onion	0.16	79.78	88.46	-76.58
Fruits	1.60	2.93	7.35	12.79
Milk	4.44	4.09	3.94	3.30
Egg, Meat & Fish	2.40	5.47	3.93	<b>0.24</b>
<b>(b) Non-Food Articles</b>	<b>4.12</b>	<b>-2.20</b>	<b>-3.60</b>	<b>3.71</b>
<b>Oilseeds</b>	<b>1.12</b>	<b>-8.38</b>	<b>-11.18</b>	<b>2.57</b>
Fuel & Power	13.15	9.01	9.99	-2.92



6. Progressive procurement of Rice as on 27.10.2017 (lakh tonnes)

Table: 6.1

State	Total Procurement in marketing season 2016-17 (Oct. – Sept.)	Progressive Procurement as on 27.10.2017	
		In Marketing season 2017-2018	In Marketing season 2016-2017
Andhra Pradesh	37.24		
Telangana	35.96		
Bihar	12.34		
Chhattisgarh	40.22		
Haryana	35.83	33.93	30.86
Kerala	3.08	0.04	0.06
Madhya Pradesh	13.14		
Maharashtra	3.09		
Odisha	36.30		
Punjab	110.52	68.49	68.58
Tamil Nadu	1.44	-	0.06
Uttar Pradesh	23.54	0.54	0.18
Uttrakhand	7.06	0.03	0.14
West Bengal	19.23		
All-India	381.07	103.15	100.00

7. Progressive procurement of Wheat as on 27.10.2017 (lakh tonnes)

Table: 7.1

State	Target in marketing season 2017-18 (April – March)	Progressive Procurement as on 27.10.2017	
		In Marketing season 2017-2018	In Marketing season 2016-2017
Haryana	75.00	74.32	67.52
Madhya Pradesh	85.00	67.25	39.92
Punjab	115.00	117.06	106.49
Rajasthan	17.50	12.45	7.62
Uttar Pradesh	30.00	36.99	7.97
All-India	330.00	308.25	229.62