

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: 23.01.2018

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 19.01.2018.

Summary observations of the Group on Agenda Items

- *In the winter season, at All-India level, the rainfall during the week (11th January, 2018 – 17th January, 2018) has been 96% lower than Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been lower than LPA by 100% in North West India, 100% in Central India, 96% in East & North East India and 72% in South Peninsula.*
- *The cumulative rainfall in the country during the winter monsoon season i.e. 01st January to 17th January, 2018 has been 88% lower than Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been lower than LPA by 99% each in North West India & Central India, 64% in East & North East India and 49% in South Peninsula.*
- *Out of 36 met sub-divisions, 01 met subdivisions constituting 0% of the total area of the country has received large excess/ excess rainfall, 01 met subdivisions constituting 02% of the total area of the country has received normal rainfall, 09 met sub-divisions constituting 27% of the total area of the country has received deficient/large deficient rainfall and 25 met sub-divisions constituting 71% of the total area of the country has received no rain.*
- *Central Water Commission monitors 91 major reservoirs in the country which have total live capacity of 161.99 Billion Cubic Meter (BCM) at Full Reservoir Level (FRL). Out of these, 76 reservoirs with FRL capacity of 120.44 BCM have irrigation potential. Live storage in the 91 major reservoirs as on 18th January, 2018 has been 76.69 BCM as against 83.26 BCM on 18.01.2017 (last year) and 83.01 BCM of normal (average of the last 10 years) storage. Current year's storage is 92% of last year's storage and also 92% of 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 December, 2017 stood at 3.58% from the level of 3.93 in the month of November, 2017. The inflation rate was 2.10% 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 December, 2017, decreased to 3.86% from the level of 5.28% in the month of November, 2017. The inflation rate was 0.08% during the corresponding period of last year.*

- *The inflation for non-food items has increased to (-) 0.34% from the previous month's level of (-) 0.68% and for the food items decreased to 4.72% from the previous month's level of 6.06%.*
- *Among the foodgrains, the inflation for Cereals has decreased to (-) 3.00% from the previous month's level of (-) 2.13% and Wheat (-) 8.47% from the previous month's level of (-) 5.75%, for Pulses increased to (-) 34.60% from the previous month's level of (-) 35.48%.*
- *All-India progressive procurement of Rice as on 19.01.2018 for 2017-18 was 272.89 lakh tonnes against the procurement of 252.45 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.*

1. **Winter Season (January – February) during the week ending 17th January, 2018**

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

- **Rainfall during the week (11th January, 2018 to 17th January, 2018)** Rainfall was large excess/excess in 01, deficient/large deficient in 05 subdivisions and no rain in 30 subdivisions out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st January, 2018 to 17th January, 2018)** Rainfall was large excess/excess in 01, normal in 01, deficient/large deficient in 09 sub-divisions and no rain in 25 subdivisions out of 36 meteorological sub-divisions.

Table - 1.2: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (17.01.2018)				Cumulative (01.01.18 to 17.01.18)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.0	8.5	-100	NR	0.1	18.0	-99	LD
Central India	0.0	2.1	-100	NR	0.0	4.6	-99	LD
South Peninsular India	0.8	2.8	-72	LD	3.0	5.9	-49	D
East & North-East India	0.2	5.0	-96	LD	3.7	10.3	-64	LD
Country as a whole	0.2	4.8	-96	LD	1.2	10.1	-88	LD

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: 1st Jan. to 17th Jan, 2018

No. of Sub-Divisions with rainfall	For the period from 1 st January to					
	16 JAN 2013	15 JAN 2014	14 JAN 2015	20 JAN 2016	18 JAN 2017	17 JAN 2018
Large Excess	-	-	-	-	03	01
Excess	03	04	20	06	01	00
Normal	03	02	04	06	02	01
Total	06	06	24	12	06	02
Deficient	04	06	06	03	04	02
Large Deficient	-	-	-	-	17	07
Scanty	15	13	06	16	-	-
No rain	11	11	00	05	09	25
Total	30	30	12	24	30	34
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 78%	(-) 40%	32%	(-) 55%	1%	(-) 88%

Source: IMD

- Sub-division-wise 5 days rainfall forecast from 19th Jan. to 23rd Jan., 2018 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

METEOROLOGICAL SUB-DIVISIONWISE DISTRIBUTION OF REALISED RAINFALL -2018								
S.No.	MET.SUB-DIVISIONS	11 JAN	12 JAN	13 JAN	14 JAN	15 JAN	16 JAN	17 JAN
1	ANDAMAN & NICO.ISLANDS	SCT	ISOL	SCT	SCT	FWS	SCT	ISOL
2	ARUNACHAL PRADESH	D	D	D	ISOL	ISOL	ISOL	D
3	ASSAM & MEGHALAYA	D	D	D	D	D	ISOL	D
4	NAGA.MANI.MIZO.& TRIPURA	D	D	D	D	D	D	D
5	SUB-HIM.W. BENG. & SIKKIM	D	D	D	D	D	D	D
6	GANGETIC WEST BENGAL	D	D	D	D	D	D	D
7	ODISHA	D	D	D	D	D	D	D
8	JHARKHAND	D	D	D	D	D	D	D
9	BIHAR	D	D	D	D	D	D	D
10	EAST UTTAR PRADESH	D	D	D	D	D	D	D
11	WEST UTTAR PRADESH	D	D	D	D	D	D	D
12	UTTARAKHAND	D	D	D	D	D	D	D
13	HARYANA CHD. & DELHI	D	D	D	D	D	D	D
14	PUNJAB	D	D	D	D	D	D	D
15	HIMACHAL PRADESH	D	D	D	D	D	D	D
16	JAMMU & KASHMIR	D	D	D	D	D	D	D
17	WEST RAJASTHAN	D	D	D	D	D	D	D
18	EAST RAJASTHAN	D	D	D	D	D	D	D
19	WEST MADHYA PRADESH	D	D	D	D	D	D	D
20	EAST MADHYA PRADESH	D	D	D	D	D	D	D
21	GUJARAT REGION D.D. & N.H.	D	D	D	D	D	D	D
22	SAURASTRA KUTCH & DIU	D	D	D	D	D	D	D
23	KONKAN & GOA	D	D	D	D	D	D	D
24	MADHYA MAHARASHTRA	D	D	D	D	D	D	D
25	MARATHAWADA	D	D	D	D	D	D	D
26	VIDARBHA	D	D	D	D	D	D	D
27	CHHATTISGARH	D	D	D	D	D	D	D
28	COASTAL ANDHRA PRADESH	D	D	D	D	D	D	D
29	TELANGANA	D	D	D	D	D	D	D
30	RAYALASEEMA	D	D	D	D	D	D	D
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	D	D	D	D
32	COASTAL KARNATAKA	D	D	D	D	D	D	D
33	NORTH INT.KARNATAKA	D	D	D	D	D	D	D
34	SOUTH INT.KARNATAKA	D	D	D	D	D	D	D
35	KERALA	D	ISOL	ISOL	D	D	D	ISOL
36	LAKSHADWEEP	D	D	D	SCT	D	D	D
LEGENDS:								
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%)	D/DRY	NO STATION REPORTED RAINFALL		
* ACTIVE (R/F $1\frac{1}{2}$- 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	19-Jan Today	20Jan Sat	21Jan Sun	22Jan Mon	23Jan Tue
1. Andaman & Nicobar Islands	ISOL	ISOL	SCT	SCT	SCT
2. Arunachal Pradesh	DRY	DRY	DRY	DRY	DRY
3. Assam & Meghalaya	DRY	DRY	DRY	DRY	DRY
4. N. M. M. & T.	DRY	DRY	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	DRY	DRY	DRY	DRY	DRY
6. Gangetic West Bengal	DRY	DRY	DRY	DRY	DRY
7. Odisha	DRY	DRY	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	DRY	DRY	DRY	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	DRY	DRY	DRY	DRY	DRY
16. Jammu & Kashmir	DRY	DRY	DRY	DRY	DRY
17. West Rajsthan	DRY	DRY	DRY	ISOL	ISOL
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	ISOL	ISOL
23. Konkan & Goa	DRY	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	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	DRY	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	DRY	DRY	DRY	DRY	DRY
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	DRY	DRY	DRY
34. South Interior Karnataka	DRY	DRY	DRY	DRY	DRY
35. Kerala	DRY	DRY	DRY	DRY	DRY
36. Lakshadweep	DRY	DRY	DRY	DRY	DRY

% 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		

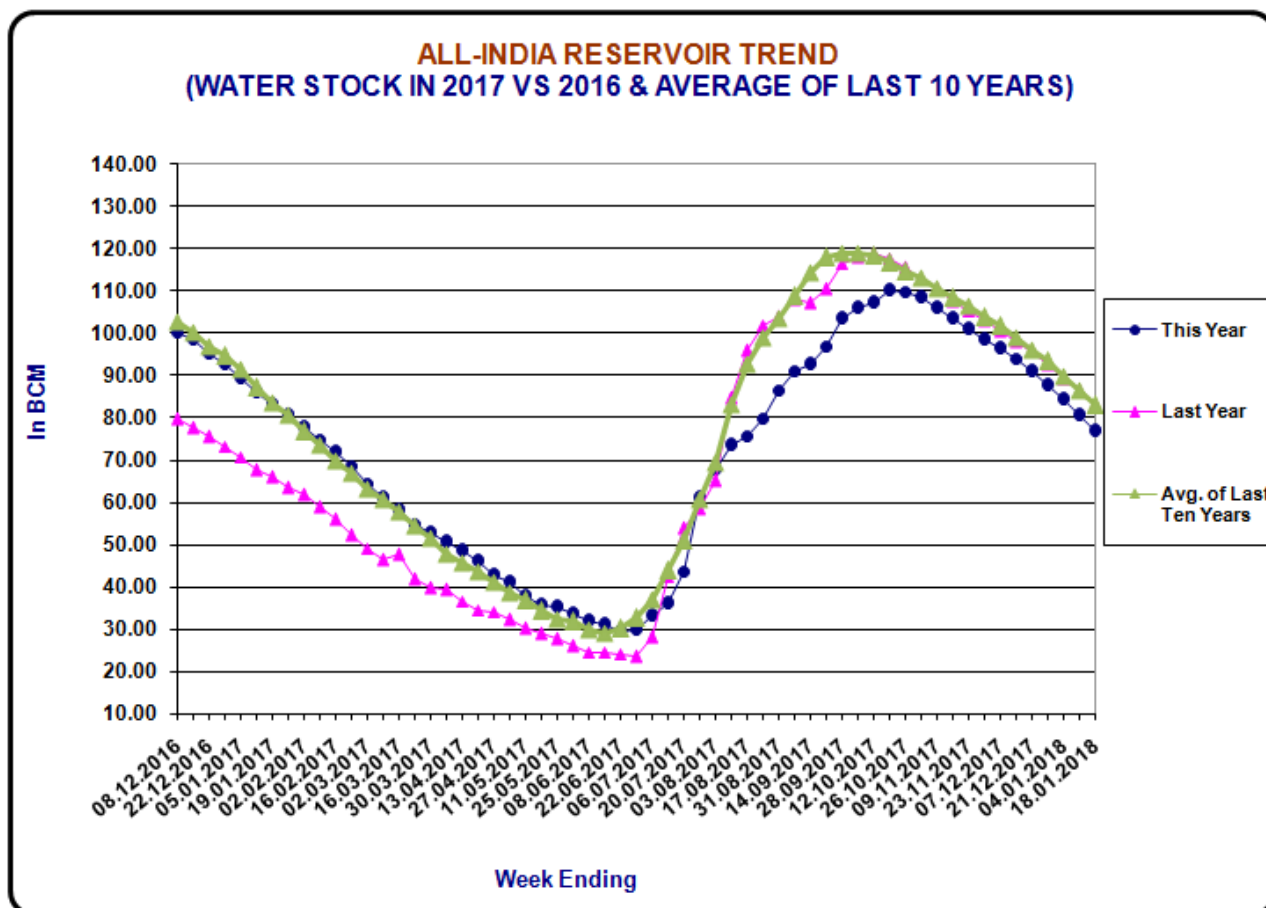
2. Reservoir Status (For the week ending on 18.01.2018)

- **The Central Water Commission** monitors the live storage of **91** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **161.99** billion cubic meters (BCM), which is about 63% of total reservoir capacity of 257.81 BCM in the country.
- Water stock in 91 major reservoirs decreased to 76.69 BCM from the previous week's level of 80.50 BCM. Current storage is lower than the last year's position of 83.26 BCM and the average of last 10 year's storage of 83.01 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	47	92	92
Last Week	51	93	93
The percentage to live capacity at FRL was 51% on 18/01/2017, 40% on 18/01/2016, 54% on 15/01/2015 and 63% on 16/01/2014.			
<i>Source: CWC</i>			

There were 62 reservoirs having storage more than 80% of normal storage, 19 reservoirs having storage between 50% to 80%, 05 reservoir having storage between 30% to 50%, 05 reservoirs having storage upto 30% of Normal Storage and 01 reservoir 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 Rabi 2017 (As on 18.01.2018)

(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 January, 2018	2684	487	272	774	457
Availability upto 18.01.2018	10753	3873	1245	3839	1454
Sales upto 18.01.2018	9850	3381	901	2573	1150
Closing Stock upto 18.01.2018	903	493	344	1267	304

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

4. Pest & Diseases:

- CIPMC-Nagpur reported Pink Bollworm incidence in Cotton to be above ETL in Amravati district of Maharashtra. The crop stage is at last picking and termination.
- CIPMC-Nagpur reported Spotted pod borer and Pod fly incidence in Tur (Red gram) to be above ETL in Amravati district in Maharashtra. The crop is maturity stage. Pod borer incidence in Gram to be above ETL in Amravati district of Maharashtra. The crop stage is at flowering to pod formation.
- CIPMC-Lucknow reported Panama wilt and *Erwinia* rot at Low to Moderate intensity and Sigatoka disease at Moderate to Severe in Banana crop at Faizabad district of Uttar Pradesh. The crop is at vegetative to fruiting stage. An advisory has been issued.
- CIPMC- Bengaluru reported incidence of Rugose spiralling whitefly in Coconut at Trace to Low level in Mandya, Chamrajnagar, Mysore & Hassan districts and Low to Medium level in Uduppi, Dakshin and Kannada districts of Bengaluru. The crop stage is seedling to 40 years old.
- CIPMC-Guwahati reported Swarming caterpillar incidence in Mustard crop at Trace to Moderate in isolated fields of Morigaon district of Assam.
- CIPMC-Jalandhar reported Yellow rust in Traces in wheat variety HD 2967 at Kangarh (Village), Bhatinda (district) of Punjab.
- In other crops, overall intensity of pests and diseases remained below Economic Threshold Level (ETL).
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

5. Availability position of seeds and fertilizers has been found satisfactory

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

Table: 6.1

Period / Commodities	Weight	Inflation (year on year)		
		Dec-2017	Nov-2017	Dec-2016
All Commodities	100	3.58	3.93	2.10
Primary Articles	22.62	3.86	5.28	0.08
(a) Food Articles	15.26	4.72	6.06	0.07
Cereals	2.82	-3.00	-2.13	9.89
Paddy	1.43	3.19	2.90	6.50
Wheat	1.03	-8.47	-5.75	15.47
Pulses	0.64	-34.60	-35.48	14.77
Gram	0.26	-42.10	-40.66	75.75
Arhar	0.13	-32.17	-37.62	-25.49
Moong	0.07	-9.78	-13.81	-27.31
Masur	0.05	-23.17	-25.96	-13.25
Urad	0.09	-32.17	-34.34	-12.29
Vegetables	1.87	56.46	59.80	-26.88
Potato	0.28	-8.40	-40.73	-6.34
Onion	0.16	197.05	178.19	-41.67
Fruits	1.60	11.99	4.19	0.63
Milk	4.44	3.85	3.86	3.53
Egg, Meat & Fish	2.40	1.67	4.73	-2.73
(b) Non-Food Articles	4.12	-0.34	-0.68	-2.29
Oilseeds	1.12	-0.62	-0.70	-6.54
Fuel & Power	13.15	9.16	8.82	1.26

7: All India Crop Situation

Table: 7.1

All India Crop Situation - Rabi (2017-18) as on 19-01-2018							(Area in lakh hectares)
Crop Name	Normal Area	Area sown			Absolute Change over (+/-)	% Change over	
		This Year	% of Normal	Last Year	Last Year	Last Year	
Wheat	304.43	298.67	98.1	311.17	-12.5	-4.0	
Rice	41.07	22.32	54.3	15.99	6.3	39.6	
Jowar	37.52	30.33	80.8	31.92	-1.6	-5.0	
Maize	15.73	15.74	100.1	15.35	0.4	2.5	
Barley	6.62	7.59	114.7	8.13	-0.5	-6.6	
Total Coarse Cereals	59.87	54.58	91.2	55.99	-1.4	-2.5	
Total Cereals	405.37	375.57	92.6	383.15	-7.6	-2.0	
Gram	86.80	106.23	122.4	98.47	7.8	7.9	
Lentil	14.14	17.27	122.1	17.21	0.1	0.4	
Peas	8.72	11.85	135.8	11.88	0.0	-0.3	
Kulthi(Horse Gram)	2.20	4.20	191.1	3.68	0.5	14.0	
Urad	7.85	7.91	100.7	8.42	-0.5	-6.1	
Moong	9.26	5.77	62.3	5.68	0.1	1.6	
Lathyrus	4.70	3.83	81.4	4.21	-0.4	-9.0	
Others	3.55	6.06	170.8	6.21	-0.2	-2.5	
Total Pulses	137.22	163.11	118.9	155.76	7.3	4.7	
Total Foodgrains	542.59	538.68	99.3	538.91	-0.2	0.0	
Rapeseed & Mustard	60.89	66.60	109.4	70.12	-3.5	-5.0	
Groundnut	8.22	5.32	64.7	4.59	0.7	15.9	
Safflower	1.83	0.79	43.2	1.04	-0.3	-24.1	
Sunflower	4.33	1.61	37.2	1.47	0.1	9.4	
Sesamum	2.97	0.48	16.2	0.52	0.0	-8.0	
Linseed	2.92	3.96	135.7	3.75	0.2	5.6	
Total Oilseeds (Nine)	81.17	79.11	97.5	82.08	-3.0	-3.6	
All- Crops	623.76	617.79	99.0	620.99	-3.2	-0.5	

Source: Crops & TMOP Divisions, DAC&FW

8. Progressive procurement of Rice as on 19.01.2018 (lakh tonnes)

Table: 8.1

State	Target (only kharif crop) in marketing season 2017-18 (Oct. – Sept.)	Progressive Procurement as on 19.01.2018	
		In Marketing season 2017-2018	In Marketing season 2016-2017
Andhra Pradesh	25.00	16.81	14.84
Telangana	15.00	12.10	10.75
Bihar	12.00	1.82	1.15
Chhattisgarh	48.00	31.45	39.38
Haryana	30.00	39.67	35.70
Kerala	1.00	0.95	1.26
Madhya Pradesh	13.00	10.96	12.97
Maharashtra	4.00	1.20	1.50
Odisha	30.00	14.59	8.07
Punjab	115.00	118.33	110.44
Tamil Nadu	10.00	0.01	0.08
Uttar Pradesh	37.00	23.99	11.03
Uttrakhand	7.00	0.35	4.29
West Bengal	23.00	0.05	0.67
All-India	375.00	272.89	252.45

9. Progressive procurement of Wheat as on 19.01.2018 (lakh tonnes)

Table: 9.1

State	Target in marketing season 2017-18 (April – March)	Progressive Procurement as on 19.01.2018	
		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