

F. No. 3-1/ 2014-15-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: 24.03.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 20.03.2015.

Summary observations of the Group on Agenda Items

- *In the pre-monsoon season, cumulative Rainfall for the country as a whole during the period 1st March to 18th March, 2015 is 197% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -41% in East & North East India and higher by 221% in South Peninsula, 270% in North West India and 502% in Central India.*
- *Out of a total of 36 met sub-divisions, 27 met sub-divisions constituting 81% of the total area of the country has received excess/normal rainfall, 08 met sub-divisions constituting 18% of the total area of the country received deficient/scanty rainfall and 01 met sub-division constituting 01% of the total area of the country received no rain.*
- *Central Water Commission monitors 85 major reservoirs in the country which have total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 19th March, 2015 was 57.45 BCM as against 69.14 BCM on 19.03.2014 (last year) and 54.51 BCM of normal (average storage of the last 10 years) storage. Current year's storage is 83% of the last year's storage and 105% of the normal storage.*
- *All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of February, 2015, decreased to -2.06% from -0.39 in the month of January, 2015. The inflation rate was 5.03% during the corresponding period of last year.*
- *Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of February, 2015, decreased to 1.43% from 3.27% in the month of January, 2015. The inflation rate was 6.28% during the corresponding period of last year.*
- *The inflation for non-food items decreased to -5.55% from the previous month's level of -4.07% and for the food items the inflation decreased to 7.74% from the previous month's level of 8.00%.*
- *Among the foodgrains, the inflation for Rice has decreased to 3.80% from the previous month's 4.00%, Cereals to 1.39% from the previous month's 1.65% and Wheat to -2.40% from the previous month's -1.63%. The inflation for Pulses has increased to 14.59% from the previous month's 12.34%.*

- *All-India progressive procurement of Rice as on 20.03.2015 for the marketing season 2014-15 was 236.92 lakh tonnes against the procurement of 241.07 lakh tonnes upto the corresponding period of last year.*
- *In view of the forecast of heavy rains accompanied with hailstorm by IMD in Northwest and Central India, Crops Division have been advised to issue advisory to state governments after the consultation with Horticulture through Farmers' Portal, TV and All-India Radio.*
- *The Plant Protection Division informed that the South American Pinworm pest has been traced on Tomato crop in the States of Maharashtra, Gujarat, Karnataka etc. Plant Protection Division have been advised to issue the advisory to the state governments to take the preventive measures to contain the damage being caused by the South American Pinworm pest.*
- *D/o Consumer Affairs have been advised to prepare as assessment of likely prices in the future for monitoring prices of essential commodities.*

Pre-Monsoon Season (March – May) during the week ending on 18th March, 2015

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

- **Rainfall during the week (12th March, 2015 to 18th March, 2015)** Rainfall was excess/normal in 22, deficient/scanty in 09 and no rain in 05 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st March to 18th March, 2015)** Rainfall was excess/normal in 27, deficient/scanty in 08 and no rain in 01 out of 36 meteorological sub-divisions.

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

Region	Week Ending (18.03.2015)				Cumulative (01.03.15 to 18.03.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	34.9	11.4	206	E	100.9	27.3	270	E
Central India	11.2	2.0	459	E	33.1	5.5	502	E
South Peninsular India	3.6	2.3	54	E	20.8	6.5	221	E
East & North-East India	4.5	14.4	-69	S	18.6	31.5	-41	D
Country as a whole	15.9	6.8	134	E	49.2	16.6	197	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 March

No. of Sub-Divisions with rainfall	For the period from 1 st March to					
	17 MAR 2010	16 MAR 2011	21 MAR 2012	20 MAR 2013	19 MAR 2014	18 MAR 2015
Excess	04	02	00	10	23	26
Normal	00	00	04	00	04	01
Total	04	02	04	10	27	27
Deficient	05	05	06	07	05	05
Scanty	23	23	14	16	02	03
No rain	04	06	12	03	02	01
Total	32	34	32	26	09	09
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 62%	(-) 53%	(-) 57%	(-) 61%	55%	197%

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

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.

Table-1

SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL AND MAXIMUM & MINIMUM TEMPERATURES-2015																						
S.No	METEOROLOGICAL SUB-DIVISIONS	RAINFALL							MAXIMUM TEMPERATURE							MINIMUM TEMPERATURE						
		12 MAR	13 MAR	14 MAR	15 MAR	16 MAR	17 MAR	18 MAR	12 MAR	13 MAR	14 MAR	15 MAR	16 MAR	17 MAR	18 MAR	12 MAR	13 MAR	14 MAR	15 MAR	16 MAR	17 MAR	18 MAR
1	A & N ISLANDS	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AN	N	N	N	N	N	N	N
2	ARUNACHAL PRADESH	DRY	DRY	DRY	SCT	ISOL	ISOL	SCT	AN	AN	AN	N	N	N	AN	N	N	N	AN	N	N	N
3	ASSAM & MEGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	AN	AN	AN	N	N	AN	N	N	AN	AN	N	N	N
4	N.M.M.&TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	AN	AN	AN	N	N	AN	N	N	N	N	N	N	N
5	S.H.W.S & SIKKIM	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	AN	AN	N	N	N	N	N	AN	N	N	N	N
6	GANGETIC W. BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	AN	AN	BN	N	N	BN	BN	N	N	N	N	N
7	ODISHA	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY	N	N	N	N	N	N	N	BN	N	N	N	N	N	N
8	JHARKHAND	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	N	N	N	N	N	N	ABN	N	N	N	N	N	N	N
9	BIHAR	DRY	DRY	DRY	ISOL	SCT	ISOL	DRY	N	N	N	ABN	N	N	ABN	N	N	AN	N	N	N	N
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	WS	ISOL	DRY	N	N	N	MBN	BN	ABN	MBN	BN	N	AN	N	N	N	N
11	WEST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	WS	DRY	DRY	N	N	N	MBN	BN	ABN	ABN	N	N	AN	N	N	N	N
12	UTTARAKHAND	DRY	DRY	DRY	WS	WS	ISOL	ISOL	N	N	N	N	N	N	N	N	N	N	N	N	N	N
13	HAR.CHD. & DELHI	DRY	DRY	SCT	SCT	WS	ISOL	DRY	N	N	N	MBN	BN	N	ABN	N	N	AN	N	N	N	N
14	PUNJAB	DRY	DRY	DRY	ISOL	WS	SCT	DRY	N	N	N	N	BN	N	N	N	N	N	N	N	BN	N
15	HIMACHAL PRADESH	DRY	DRY	DRY	WS	WS	WS	ISOL	N	N	N	N	MBN	N	N	N	N	N	AN	N	BN	BN
16	JAMMU & KASHMIR	DRY	DRY	DRY	WS	WS	WS	ISOL	N	AN	AN	MBN	MBN	N	N	N	N	AN	AN	BN	BN	N
17	WEST RAJASTHAN	DRY	DRY	SCT	SCT	SCT	DRY	DRY	N	N	AN	MBN	N	N	BN	N	N	AN	N	N	N	BN
18	EAST RAJASTHAN	DRY	ISOL	SCT	WS	WS	ISOL	DRY	N	N	ABN	MBN	N	N	N	N	N	AN	AN	N	N	BN
19	WEST M.PRADESH	ISOL	SCT	SCT	SCT	SCT	ISOL	DRY	MBN	BN	MBN	MBN	MBN	MBN	MBN	N	N	N	N	N	N	BN
20	EAST M.PRADESH	DRY	ISOL	SCT	SCT	FWS	SCT	DRY	MBN	N	N	MBN	BN	MBN	MBN	N	N	N	N	N	N	N
21	GUJ.REG. D.D & N.H	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY	N	N	AN	AN	N	N	N	N	N	AN	AN	N	N	N
22	SAURASTRA K & DHU	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY	N	N	AN	AN	BN	N	N	N	N	AN	AN	N	N	N
23	KONKAN & GOA	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	AN	AN	N	N	N	N	AN	N	N	N	N	N	N	N
24	M. MAHARASHTRA	ISOL	ISOL	SCT	SCT	DRY	DRY	DRY	N	BN	N	ABN	BN	N	N	N	N	N	N	N	N	N
25	MARATHAWADA	ISOL	DRY	ISOL	SCT	ISOL	ISOL	DRY	N	N	N	ABN	BN	N	BN	N	N	N	N	N	N	N
26	VIDARBHA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	N	BN	N	ABN	BN	ABN	N	N	N	BN	N	N	N	BN
27	CHHATTISGARH	DRY	DRY	ISOL	DRY	ISOL	ISOL	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N
28	COASTAL A.PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	AN	N	N	N	N	N	BN
29	TELANGANA	DRY	DRY	DRY	DRY	ISOL	SCT	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N
30	RAYALASEEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	BN
31	TAMIL. & PUDUCHERRY	DRY	DRY	ISOL	ISOL	SCT	ISOL	DRY	N	N	N	BN	N	N	N	N	N	N	AN	AN	N	N
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	ISOL	DRY	DRY	AN	AN	N	N	N	N	N	N	N	N	N	N	N	N
33	N. L. KARNATAKA	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY	N	N	N	ABN	N	N	N	N	N	N	N	N	N	N
34	S. L. KARNATAKA	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N
35	KERALA	DRY	DRY	ISOL	SCT	FWS	FWS	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N
36	LAKE SHADWEEP	DRY	DRY	DRY	ISOL	SCT	SCT	DRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N

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

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

Reservoir Status (For the week ending on 19.03.2015)

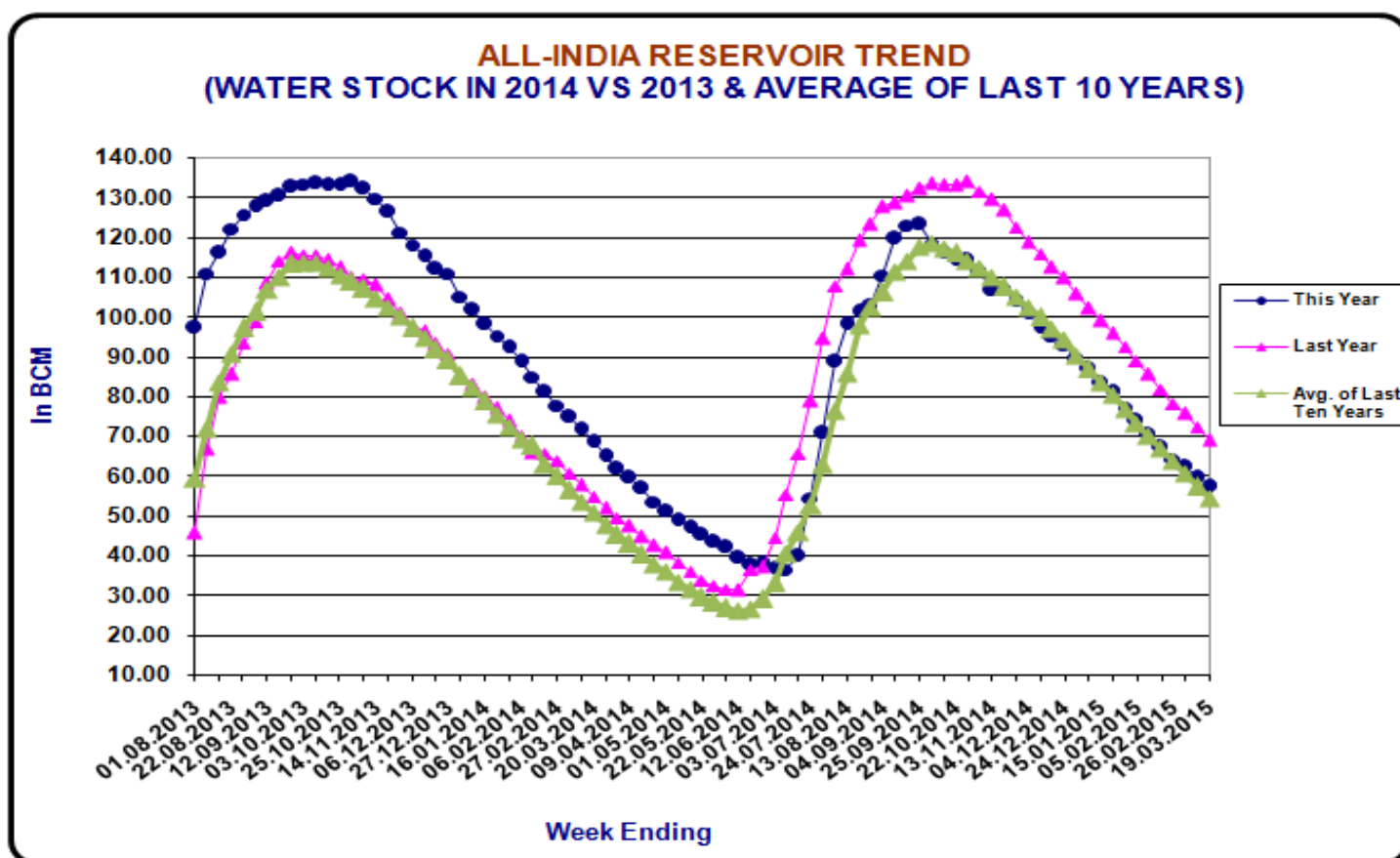
- **The Central Water Commission** monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 57.45 BCM from the previous week's level of 59.69 BCM. Current storage is **lower** than the last year's position of 69.14 BCM and more than the average of last 10 year's storage of 54.51 BCM.

Table – 4: For 85 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	37	83	105
Last Week	39	82	104
The percentage to live capacity at FRL was 45% on 19/03/2014, 36% on 19/03/2013, 38% on 15/03/2012 and 44 on 17/03/2011.			
* Live storage as % to Full Reservoir Level (FRL) of 155.05 <i>Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 58 reservoirs having storage more than 80%, 16 reservoirs having storage between 50% to 80% of Normal Storage, 07 reservoir having storage between 30% to 50% of Normal Storage and 04 reservoir having storage 30% or below of Normal Storage and 02 reservoir having no live storage.



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 Rabi 2014-15 (As on 19.03.2015)

(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 01.10.2014</i>	<i>99</i>	<i>297</i>	<i>243</i>	<i>297</i>	<i>280</i>
<i>Requirement for Rabi, 2014</i>	<i>16011</i>	<i>4787</i>	<i>1541</i>	<i>5022</i>	<i>3508</i>
<i>Requirement upto February, 2015</i>	<i>14990</i>	<i>4481</i>	<i>1373</i>	<i>4467</i>	<i>3207</i>
<i>Availability upto 19.03.2015</i>	<i>15720</i>	<i>3705</i>	<i>1961</i>	<i>4836</i>	<i>2208</i>
<i>Sales upto 19.03.2015</i>	<i>14964</i>	<i>3152</i>	<i>1107</i>	<i>3948</i>	<i>1475</i>
<i>Closing Stock as on 19.03.2015</i>	<i>756</i>	<i>553</i>	<i>853</i>	<i>888</i>	<i>733</i>
<i>Requirement of March, 2015</i>	<i>1021</i>	<i>306</i>	<i>167</i>	<i>554</i>	<i>301</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 - Rabi (2014-15)

Crop Name	Normal Area	Area sown reported (In lakh hectares)			
		2nd Adv. Est. (2014-15)	% of Normal	Final Est. (2013-14)	Difference
Wheat	290.44	302.21	104.1	305.49	-3.3
Rice	43.44	40.90	94.1	46.87	-6.0
Jowar	41.82	31.23	74.7	35.16	-3.9
Maize	13.20	14.32	108.5	17.57	-3.3
Barley	6.75	7.09	105.1	6.74	0.4
Total Coarse Cereals	61.77	52.65	85.2	59.46	-6.8
Total Cereals	395.65	395.75	100.0	411.82	-16.1
Gram	84.14	83.52	99.3	99.27	-15.8
Urad	8.30	8.05	97.0	7.16	0.9
Moong	7.06	5.99	84.9	10.45	-4.5
Total Pulses	132.08	132.03	100.0	148.84	-16.8
Total Foodgrains	527.73	528.01	100.1	560.66	-32.6
Rapeseed & Mustard	62.09	62.01	99.9	66.46	-4.5
Groundnut	8.71	8.36	96.0	8.60	-0.2
Safflower	2.57	1.00	38.7	1.78	-0.8
Sunflower	7.27	3.59	49.3	4.23	-0.6
Linseed	3.46	2.95	85.2	2.93	0.0
Total Oilseeds (Nine)	86.56	77.89	90.0	84.00	-6.1
All- Crops	614.28	605.91	98.6	644.66	-38.8

Source: AS Divisions, DES

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

Period / commodities	Weight	Inflation (year on year)		
		Feb., 2015	Jan., 2015	Feb., 2014
All Commodities	100	-2.06	-0.39	5.03
Primary Articles	20.12	1.43	3.27	6.28
(a) Food Articles	14.34	7.74	8.00	7.94
Cereals	3.37	1.39	1.65	9.22
Rice	1.79	3.80	4.00	13.65
Wheat	1.12	-2.40	-1.63	6.61
Pulses	0.72	14.59	12.34	-5.68
Gram	0.33	3.47	-2.36	-21.46
Arhar	0.13	17.07	12.36	7.35
Moong	0.08	23.88	30.58	13.08
Masur	0.05	26.49	27.07	15.18
Urad	0.10	25.28	26.67	7.48
Vegetables	1.74	15.54	19.74	2.38
Potato	0.20	-3.56	2.11	7.74
Onion	0.18	26.58	-1.90	-27.50
Fruits	2.11	16.84	17.19	9.92
Milk	3.24	7.33	9.13	8.78
Egg, Meat & Fish	2.41	1.27	-1.51	9.66
(b) Non-Food Articles	4.26	-5.55	-4.07	5.46
Oilseeds	1.78	0.05	0.89	-0.64
Fuel & Power	14.91	-14.72	-10.69	-14.72

Procurement:**Table – 7: Progressive procurement of Rice as on 20.03.2015 (lakh tonnes)**

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 20.03.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	16.74	33.88
Telangana	44.00	15.69	0.00
Chhattisgarh	43.0	33.54	42.85
Haryana	24.06	20.01	24.04
Kerala	4.00	1.70	1.66
Madhya Pradesh	10.14	8.00	10.40
Maharashtra	2.00	1.29	1.21
Odisha	28.22	21.48	18.91
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.06	0.59
Uttar Pradesh	11.27	14.95	10.45
Uttarakhand	4.63	4.29	3.47
West Bengal	13.59	11.35	7.08
All-India	319.00	236.92	241.07