

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: 28.01.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 23.01.2015.

Summary observations of the Group on Agenda Items

- *In the winter season, cumulative Rainfall for the country as a whole during the period 1st January to 21st January, 2015 is -7% lower than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -54% in North West India, -16% in East & North East India, -2% in South Peninsula and higher by 166% in Central India.*
- *Out of a total of 36 met sub-divisions, 22 met sub-divisions constituting 62% of the total area of the country have received excess/normal rainfall and 14 met sub-divisions constituting 38% of the total area of the country have received deficient/scanty rainfall.*
- *Central Water Commission monitors 85 major reservoirs in the country which have a total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 21st January, 2015 was 81.13 BCM as against 95.85 BCM on 21.01.2014 (last year) and 80.51 BCM of normal storage (average storage of the last 10 years). Current year's storage is 85% of the last year's and 101% of the normal storage.*
- *As per latest information available on sowing of crops, around 95.4% of the normal area under rabi crops have been sown upto 23.01.2015. Area sown under all rabi crops taken together has been reported to be 586.05 lakh hectares at All India level as compared to 624.82 lakh hectares the corresponding period of last year.*
- *Area reported was higher by 10.9 lakh ha. under Wheat, 1.5 lakh ha. under Rice, 2.0 lakh ha. under Maize and 1.5 lakh ha. under Urad. Area coverage was lower by 6.0 lakh ha. under Jowar, 8.1 lakh ha. under Gram, 2.7 lakh ha. under Rapeseed & Mustard, 1.7 lakh ha. under Groundnut, 1.1 lakh ha. under Safflower and 2.4 lakh ha. under Sunflower.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of December, 2014, increased to 0.11% from the level of 0.00 in the month of November, 2014. The inflation rate was 6.40% 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, 2014, increased to 2.17% from the level of -0.98% in the month of November, 2014. The inflation rate was 10.82% during the corresponding period of last year.*

- *The inflation for non-food items has increased to -3.06% from the previous month's level of -3.65% and for the food items has increased to 5.20% from the previous month's level of 0.63%.*
- *Among the foodgrains, Rice has decreased to 4.43% from the previous month's level of 5.55%, Cereals has to 1.26% from the previous month's level of 2.09%, Wheat to -2.46% from the previous month's level of -2.31%. The inflation for Pulses has increased to 5.88% from the previous month's level of 4.43%.*
- *All-India progressive procurement of Rice as on 23.01.2015 for the marketing season 2014-15 was 185.67 lakh tonnes against the procurement of 198.83 lakh tonnes upto the corresponding period of last year.*

Winter Season (Jan. – Feb.) during the week ending on 21st January), 2015

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

- **Rainfall during the week (15th January, 2015 to 21st January, 2015)** Rainfall was excess/normal in 03, deficient/scanty in 15 and no rain in 18 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st January to 21st January, 2015)** Rainfall was excess/normal in 22 and deficient/scanty in 14 out of 36 meteorological sub-divisions. 1

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

Region	Week Ending (21.01.2015)				Cumulative (01.01.15 to 21.01.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	1.1	7.7	-85	S	9.9	21.8	-54	D
Central India	0.0	1.9	-97	S	15.0	5.6	166	E
South Peninsular India	1.2	1.8	-33	D	6.4	6.6	-2	N
East & North-East India	0.6	5.3	-89	S	10.6	12.6	-16	N
Country as a whole	0.7	4.2	-84	S	11.1	11.9	-7	N

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 % Rainfall Departure for the last five years since : 1st January

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.

No. of Sub-Divisions with rainfall	For the period from 1 st January to					
	20 JAN 2010	19 JAN 2011	18 JAN 2012	23 JAN 2013	22 JAN 2014	21 JAN 2015
Excess	13	02	18	12	08	18
Normal	01	02	05	01	06	04
Total	14	04	23	13	14	22
Deficient	04	06	04	01	06	08
Scanty	17	15	05	08	13	06
No rain	01	11	04	14	03	00
Total	22	32	13	23	22	14
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 54%	(-) 50%	125%	(-) 16%	14%	-7%

Table-1

METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL & MINIMUM TEMPERATURE-2015															
SR.No	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE						
		15 JAN	16 JAN	17 JAN	18 JAN	19 JAN	20 JAN	21 JAN	15 JAN	16 JAN	17 JAN	18 JAN	19 JAN	20 JAN	21 JAN
1	ANDAMAN & NICOBAR ISLANDS	SCT	FWS	SCT	ISOL	DRY	DRY	DRY	N	N	N	N	N	N	N
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
3	ASSAM & MEGHALAYA	DRY	DRY	DRY	ISOL	DRY	ISOL	DRY	N	N	N	N	N	N	N
4	NAGA.MANI.MIZO.TRIPURA	DRY	DRY	DRY	SCT	ISOL	DRY	DRY	N	N	N	N	N	N	N
5	SUB-HIMA.WEST BEN. & SIKKIM	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	ABN	ABN	ABN	ABN
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	ABN	ABN	ABN	ABN
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	ABN*	ABN*	ABN*	MBN*
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	ABN	ABN	ABN	ABN
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	BN	N	ABN
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	AN	N	N	N	N	ABN
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	N	N	N	N	N	N
12	UTTARAKHAND	SCT	DRY	DRY	DRY	DRY	DRY	DRY	N	N	AN	AN	AN	AAN	AAN
13	HARYANA CHAND. & DELHI	SCT	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	AN	N
14	PUNJAB	SCT	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
16	JAMMU & KASHMIR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	N	N	N	N	AN	AAN
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	AN	AAN
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AAN
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	ABN	ABN	N	AAN
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN	N	N	ABN*	ABN*	ABN	N
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	AAN	AAN
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	AAN	MAN
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	N	N	N	AAN
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN	N	N	N	N	AAN
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN*	ABN*	ABN	ABN	BN*	ABN	AAN
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN	N	N	N	ABN	N
28	COASTAL ANDHRA PRADESH	DRY	ISOL	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN	ABN	ABN	N	N	N
30	RAYALASEEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
31	TAMILNADU & PUDUCHERRY	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN	N	N	N	N	N
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	N	N
35	KERALA	DRY	DRY	DRY	DRY	DRY	ISOL	DRY	N	N	N	N	N	N	N
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL:							
WDS	WIDE SPREAD / MOST PLACES (75-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51-75%)	SCT	SCATTERED/ FEW PLACES (25-50%)	ISOL	ISOLATED (UP TO 25 %)
DRY	NO STATION REPORTED RAINFALL	RAINFALL ACTIVITY		*	ACTIVE (½ to 1¼ - 4 times the normal)	**	VIOROUS (½ More than 4 times)

LEGENDS FOR TEMPERATURE:							
N	NORMAL (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	AAN	APRECIABLY ABOVE NORMAL (N+3,+4)°C	MAN	MARKEDLY ABOVE NORMAL (N+5 AND ABOVE) °C		
*	Cold wave conditions (Departure from Normal is) (-4°C to -3°C and -3°C to -4°C)			**	Severe Cold wave conditions (Departure from Normal is) (-4°C or less and -7°C or less)		

Reservoir Status (For the week ending on 21.01.2015)

- **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 81.13 BCM from the previous week's level of 83.46 BCM. Current storage is **lower** than the last year's position of 95.85 BCM and more than the average of last 10 year's storage of 80.51 BCM.

Table – 4: For 85 major reservoirs of the country

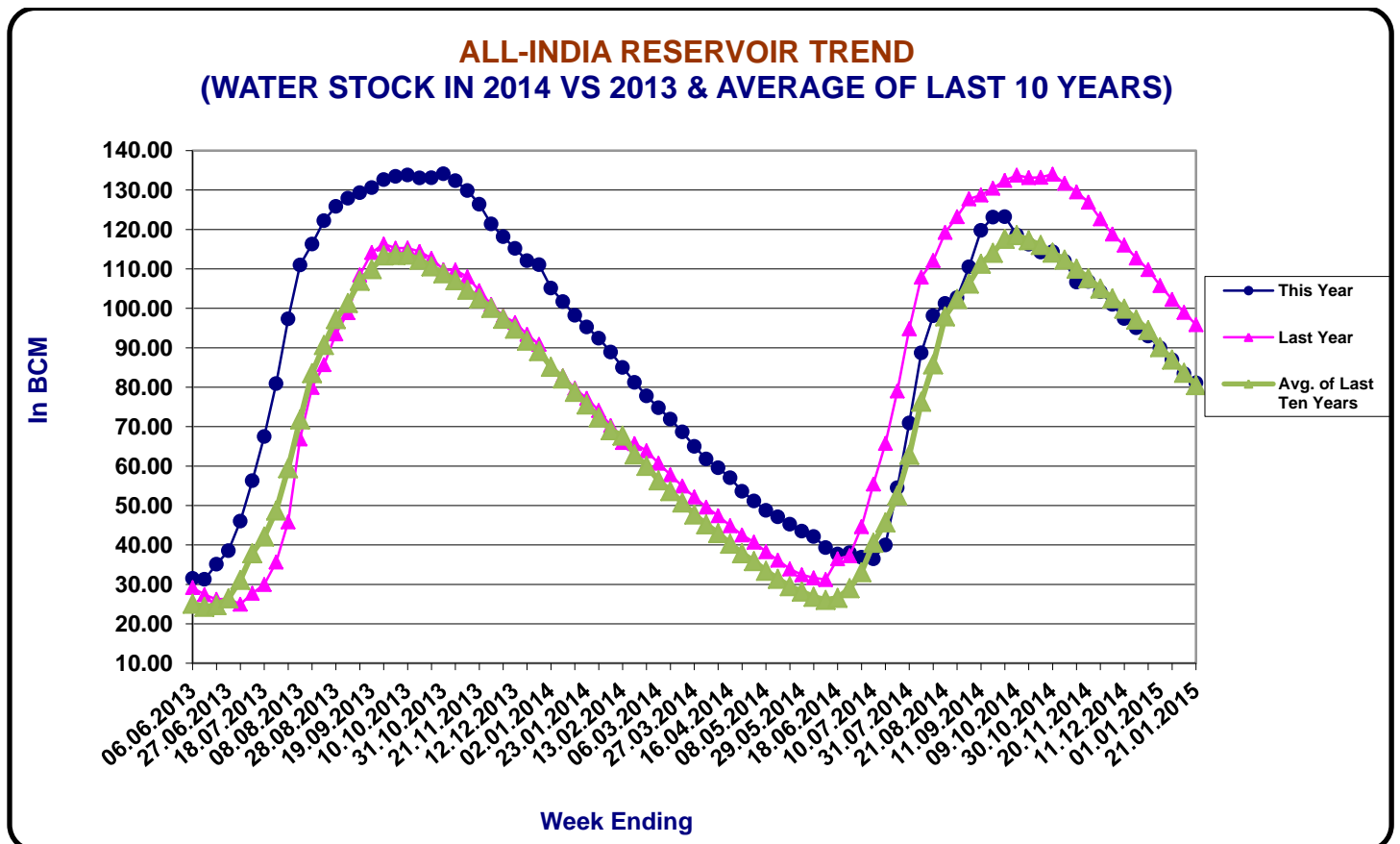
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	52	85	101
Last Week	54	84	100

The percentage to live capacity at FRL was 62% on 21/01/2014, 50% on 21/01/2013, 57% on 19/01/2012 and 63 on 20/01/2011.

* *Live storage as % to Full Reservoir Level (FRL) of 155.05 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 61 reservoirs having storage more than 80%, 14 reservoirs having storage between 50% to 80% of Normal Storage, 07 reservoir having storage between 30% to 50% of Normal Storage and 03 reservoir having storage 30% or below of Normal Storage and 01 reservoir having no live storage.



Source: Central Water Commission

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 22.01.2015)

(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 December, 2014</i>	<i>10377</i>	<i>3701</i>	<i>937</i>	<i>3168</i>	<i>2408</i>
<i>Availability upto 22.01.2015</i>	<i>10453</i>	<i>2842</i>	<i>1114</i>	<i>3350</i>	<i>1551</i>
<i>Sales upto 22.01.2015</i>	<i>9979</i>	<i>2464</i>	<i>708</i>	<i>2529</i>	<i>1146</i>
<i>Closing Stock as on 22.01.2015</i>	<i>474</i>	<i>378</i>	<i>406</i>	<i>821</i>	<i>406</i>
<i>Requirement of January, 2015</i>	<i>2942</i>	<i>450</i>	<i>243</i>	<i>720</i>	<i>452</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) as on 23.01.2015

Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			23.01.2015	% of Normal	23.01.2014	Average as on date	Last Year
Wheat	290.44	294.74	305.60	105.2	313.69	10.9	-8.1
Rice	43.44	10.46	12.00	27.6	14.60	1.5	-2.6
Jowar	41.82	39.43	33.41	79.9	36.25	-6.0	-2.8
Maize	13.20	12.71	14.74	111.7	15.16	2.0	-0.4
Barley	6.75	7.07	7.29	108.0	7.45	0.2	-0.2
Total Coarse Cereals	61.77	59.91	56.43	91.4	59.61	-3.5	-3.2
Total Cereals	395.65	365.11	374.03	94.5	387.90	8.9	-13.9
Gram	84.14	90.06	81.97	97.4	98.68	-8.1	-16.7
Lentil	14.82	15.46	15.23	102.8	15.32	-0.2	-0.1
Peas	7.43	7.90	8.60	115.7	8.35	0.7	0.3
Kulthi(Horse Gram)	2.12	4.69	4.87	229.8	4.41	0.2	0.5
Urad	8.30	5.40	6.90	83.1	6.13	1.5	0.8
Moong	7.06	4.80	4.79	67.8	4.88	0.0	-0.1
Lathyrus	5.12	4.22	4.02	78.5	4.06	-0.2	0.0
Others	3.08	7.62	7.17	232.5	8.17	-0.4	-1.0
Total Pulses	132.08	140.16	133.55	101.1	150.00	-6.6	-16.5
Total Foodgrains	527.73	505.27	507.58	96.2	537.90	2.3	-30.3
Rapeseed & Mustard	62.09	67.87	65.14	104.9	70.52	-2.7	-5.4
Groundnut	8.71	6.87	5.18	59.5	6.13	-1.7	-1.0
Safflower	2.57	2.00	0.95	36.8	1.74	-1.1	-0.8
Sunflower	7.27	5.13	2.74	37.7	4.00	-2.4	-1.3
Sesamum	2.47	0.53	0.86	34.8	0.60	0.3	0.3
Linseed	3.46	3.89	3.12	90.3	3.43	-0.8	-0.3
Others	0.00	0.64	0.50	#DIV/0!	0.51	-0.1	0.0
Total Oilseeds (Nine)	86.56	86.92	78.47	90.7	86.92	-8.5	-8.5
All- Crops	614.28	592.19	586.05	95.4	624.82	-6.1	-38.8

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

Period / commodities	Weight	Inflation (year on year)		
		Dec., 2014	Nov., 2014	Dec., 2013
All Commodities	100	0.11	0.00	6.40
Primary Articles	20.12	2.17	-0.98	10.82
(a) Food Articles	14.34	5.20	0.63	13.73
Cereals	3.37	1.26	2.09	10.09
Rice	1.79	4.43	5.55	13.52
Wheat	1.12	-2.46	-2.31	7.64
Pulses	0.72	5.88	4.43	-7.31
Gram	0.33	-8.67	-11.47	-23.31
Arhar	0.13	7.09	8.90	8.61
Moong	0.08	21.74	16.53	16.03
Masur	0.05	22.33	23.33	12.48
Urad	0.10	20.98	23.58	5.22
Vegetables	1.74	-4.78	-28.57	56.78
Potato	0.20	13.76	34.10	52.77
Onion	0.18	-18.54	-56.28	38.30
Fruits	2.11	17.87	14.78	9.84
Milk	3.24	9.72	10.00	6.98
Egg, Meat & Fish	2.41	0.68	4.36	11.68
(b) Non-Food Articles	4.26	-3.06	-3.65	6.00
Oilseeds	1.78	-0.49	-0.68	-0.25
Fuel & Power	14.91	-7.82	-4.91	10.87

Procurement:**Table – 7: Progressive procurement of Rice as on 23.01.2015 (lakh tonnes)**

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 23.01.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	8.59	20.86
Telangana	44.00	14.55	0.00
Chhattisgarh	43.0	27.87	40.76
Haryana	24.06	19.96	24.03
Kerala	4.00	0.97	0.94
Madhya Pradesh	10.14	7.27	9.25
Maharashtra	2.00	0.90	0.83
Odisha	28.22	8.16	8.80
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.04	0.55
Uttar Pradesh	11.27	9.44	5.70
Uttarakhand	4.63	3.22	1.98
West Bengal	13.59	6.03	3.45
All-India	319.00	180.67	198.83