

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: 19.02.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 13.02.2015.

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 11th February, 2015 is -13% lower than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by -20% in North West India, -54% in East & North East India, -31% in South Peninsula and higher by 82% in Central India.*
- *Out of a total of 36 met sub-divisions, 20 met sub-divisions constituting 58% of the total area of the country have received excess/normal rainfall and 16 met sub-divisions constituting 42% 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 12th February, 2015 was 70.56 BCM as against 85.62 BCM on 12.02.2014 (last year) and 70.17 BCM of normal storage (average storage of the last 10 years). Current year's storage is 82% of the last year's and 101% of the normal storage.*
- *As per latest information available on sowing of crops, around 100.2% of the normal area under rabi crops have been sown upto 13.02.2015. Area sown under all rabi crops taken together has been reported to be 615.74 lakh hectares at All India level as compared to 656.89 lakh hectares the corresponding period of last year.*
- *Area reported was higher by 7.8 lakh ha. under Wheat, 2.3 lakh ha. under Maize, 2.9 lakh ha. under Urad and 2.3 lakh ha. under Moong. Area coverage was lower by 2.5 lakh ha. under Rice, 5.7 lakh ha. under Jowar, 5.4 lakh ha. under Gram, 3.0 lakh ha. under Rapeseed & Mustard, 1.5 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 13.02.2015 for the marketing season 2014-15 was 206.39 lakh tonnes against the procurement of 223.01 lakh tonnes upto the corresponding period of last year.*

Winter Season (Jan. – Feb.) during the week ending on 11th February), 2015

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

- **Rainfall during the week (05th January, 2015 to 11th February, 2015)** Rainfall was excess in 05, deficient/scanty in 12 and no rain in 19 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st January to 11th February, 2015)** Rainfall was excess/normal in 20 and deficient/scanty in 16 out of 36 meteorological sub-divisions.

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

Region	Week Ending (11.02.2015)				Cumulative (01.01.15 to 11.02.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	2.4	7.5	-68	S	39.3	49.2	-20	N
Central India	2.3	2.2	4	N	20.1	11.0	82	E
South Peninsular India	0.1	1.5	-96	S	6.8	9.9	-31	D
East & North-East India	0.1	7.8	-98	S	15.3	33.4	-54	D
Country as a whole	1.5	4.6	-66	S	22.6	26.1	-13	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

No. of Sub-Divisions with rainfall	For the period from 1 st January to					
	10 FEB 2010	09 FEB 2011	08 FEB 2012	13 FEB 2013	12 FEB 2014	11 FEB 2015
Excess	11	02	09	09	07	14
Normal	02	01	07	06	06	06
Total	13	03	16	15	13	20
Deficient	07	04	06	06	04	09
Scanty	15	21	10	14	17	07
No rain	01	08	04	01	02	00
Total	23	33	20	21	23	16
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 27%	(-) 45%	23%	(-) 17%	(-) 5%	(-) 13%

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

METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL & MINIMUM TEMPERATURE-2015																
SR.No	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE							
		05 FEB	06 FEB	07 FEB	08 FEB	09 FEB	10 FEB	11 FEB	05 FEB	06 FEB	07 FEB	08 FEB	09 FEB	10 FEB	11 FEB	
1	ANDAMAN & NICOBAR ISLANDS	DRY	ISOL	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY	N	N	N	N	N	N	N	
3	ASSAM & MEGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	
4	NAGA,MANIMIZO,TRIPURA	DRY	DRY	DRY	DRY	DRY	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	N	N	N	N	
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	BN	N	N	N	N	
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	BN	N	N	N	N	
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	N	N	N	N	N	N	
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	N	N	N	AN	N	N	
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	SCT	DRY	DRY	AN	BN	N	AN	N	N	N	
11	WEST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY	AN	N	N	AN	AN	N	N	
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	AN	N	N	N	N	N	
13	HARYANA CHAND. & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AN	N	N	
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AAN	N	N	N	
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	N	BN	N	
16	JAMMU & KASHMIR	ISOL	DRY	DRY	FWS	DRY	DRY	DRY	N	N	N	AN	N	N	N	
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	AN	AN	AAN	AAN	N	N	
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	ISOL	DRY	DRY	N	N	AAN	AAN	AAN	N	AN	
19	WEST MADHYA PRADESH	DRY	DRY	ISOL	ISOL	ISOL	DRY	ISOL	N	N	AN	AN	AN	AN	AN	
20	EAST MADHYA PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY	N	N	N	AN	N	N	AN	
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	AN	AN	N	N	AN	AN	
22	SAUBASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	AN	AN	AN	N	N	AN	N	
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	BN	N	BN	
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	SCT	N	N	N	N	N	AN	N	
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	N	N	
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	SCT	N	N	N	N	AN	N	N	
27	CHHATTISGARH	DRY	DRY	DRY	DRY	ISOL	DRY	DRY	N	N	N	N	N	N	N	
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	ABN	BN	N	N	N	N	
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	
30	RAYALASZEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N	
31	TAMILNADU & PUDUCHERRY	ISOL	DRY	DRY	DRY	DRY	ISOL	DRY	N	N	N	N	N	N	N	
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	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	DRY	N	N	N	N	N	N	N	
35	KERALA	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	AN	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:

WS	WIDE SPREAD / MOST PLACES (75-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51-75%)	SCT	SCATTERED / FEW PLACES (26-50%)	ISOL	ISOLATED (UP TO 25%)
DRY	NO STATION REPORTED RAINFALL	RAINFALL ACTIVITY		*	ACTIVE (N/1 st - 4 times the normal)	**	WIDEROUS (N/1 More than 4 times)

LEGENDS FOR TEMPERATURE:

N	NORMAL (N/±1.5-2°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 -5°C and -5°C to -6°C

** Severe Cold wave conditions (Departure from Normal is) -6°C or less and -7°C or less

Reservoir Status (For the week ending on 12.02.2015)

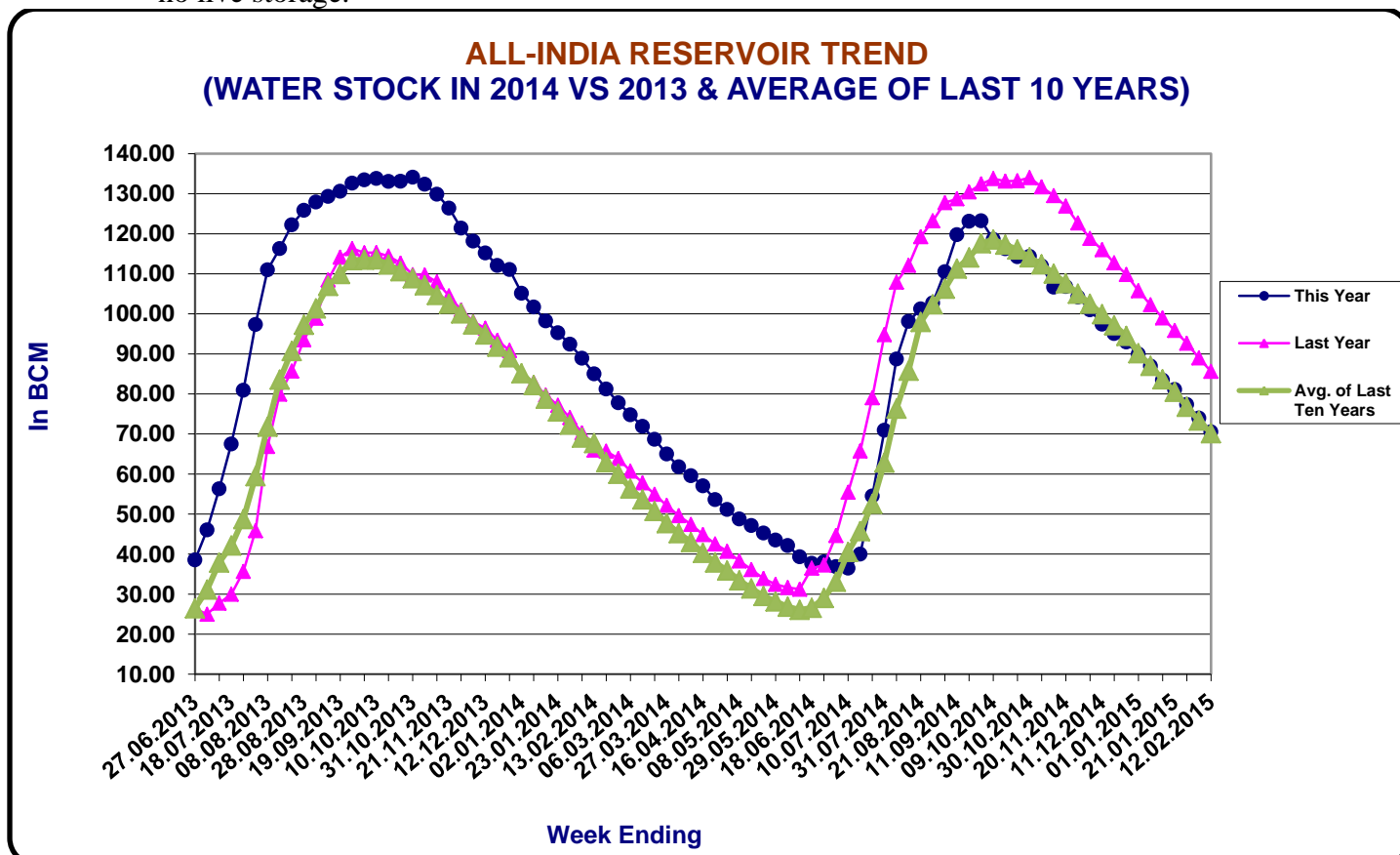
- **The Central Water Commission** monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 70.56 BCM from the previous week's level of 73.97 BCM. Current storage is **lower** than the last year's position of 85.62 BCM and more than the average of last 10 year's storage of 70.17 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	46	82	101
Last Week	48	83	101
The percentage to live capacity at FRL was 55% on 12/02/2014, 44% on 12/02/2013, 50% on 09/02/2012 and 55 on 10/02/2011.			
* Live storage as % to Full Reservoir Level (FRL) of 155.05 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 58 reservoirs having storage more than 80%, 20 reservoirs having storage between 50% to 80% of Normal Storage, 04 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 13.02.2015)

(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 January, 2014</i>	<i>13319</i>	<i>4150</i>	<i>1180</i>	<i>3168</i>	<i>2860</i>
<i>Availability upto 13.02.2015</i>	<i>12525</i>	<i>3227</i>	<i>1334</i>	<i>3983</i>	<i>1800</i>
<i>Sales upto 13.02.2015</i>	<i>12100</i>	<i>2711</i>	<i>887</i>	<i>3082</i>	<i>1449</i>
<i>Closing Stock as on 13.02.2015</i>	<i>425</i>	<i>515</i>	<i>447</i>	<i>901</i>	<i>351</i>
<i>Requirement of February, 2015</i>	<i>1671</i>	<i>331</i>	<i>194</i>	<i>579</i>	<i>347</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 13.02.2015

Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			13.02.2015	% of Normal	13.02.2014	Average as on date	Last Year
Wheat	290.44	298.52	306.35	105.5	315.32	7.8	-9.0
Rice	43.44	27.35	24.81	57.1	29.09	-2.5	-4.3
Jowar	41.82	39.59	33.89	81.0	36.32	-5.7	-2.4
Maize	13.20	13.11	15.37	116.4	15.54	2.3	-0.2
Barley	6.75	7.10	7.34	108.7	7.47	0.2	-0.1
Total Coarse Cereals	61.77	60.54	57.74	93.5	60.08	-2.8	-2.3
Total Cereals	395.65	386.41	388.90	98.3	404.49	2.5	-15.6
Gram	84.14	91.34	85.91	102.1	102.25	-5.4	-16.3
Lentil	14.82	15.59	15.38	103.8	15.52	-0.2	-0.1
Peas	7.43	7.95	8.72	117.4	8.46	0.8	0.3
Kulthi(Horse Gram)	2.12	4.78	5.12	241.5	4.76	0.3	0.4
Urad	8.30	6.15	9.03	108.8	8.49	2.9	0.5
Moong	7.06	5.91	8.24	116.7	7.85	2.3	0.4
Lathyrus	5.12	4.27	4.05	79.1	4.09	-0.2	0.0
Others	3.08	9.43	9.47	307.2	10.79	0.0	-1.3
Total Pulses	132.08	145.41	145.92	110.5	162.21	0.5	-16.3
Total Foodgrains	527.73	531.82	534.82	101.3	566.70	3.0	-31.9
Rapeseed & Mustard	62.09	68.19	65.17	105.0	71.26	-3.0	-6.1
Groundnut	8.71	8.21	6.74	77.4	7.92	-1.5	-1.2
Safflower	2.57	2.03	0.95	36.8	1.78	-1.1	-0.8
Sunflower	7.27	5.45	3.03	41.7	4.22	-2.4	-1.2
Sesamum	2.47	0.64	1.26	51.1	0.96	0.6	0.3
Linseed	3.46	3.99	3.21	92.9	3.55	-0.8	-0.3
Others	0.00	0.78	0.56	#DIV/0!	0.52	-0.2	0.0
Total Oilseeds (Nine)	86.56	89.29	80.92	93.5	90.20	-8.4	-9.3
All- Crops	614.28	621.11	615.74	100.2	656.89	-5.4	-41.2

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 13.02.2015 (lakh tonnes)**

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 13.02.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	12.18	27.62
Telangana	44.00	15.13	0.00
Chhattisgarh	43.0	33.54	51.19
Haryana	24.06	19.96	24.03
Kerala	4.00	1.09	1.06
Madhya Pradesh	10.14	8.00	10.40
Maharashtra	2.00	1.12	1.05
Odisha	28.22	8.51	8.80
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.04	0.55
Uttar Pradesh	11.27	13.69	8.08
Uttarakhand	4.63	4.29	2.61
West Bengal	13.59	8.15	4.92
All-India	319.00	206.39	223.01