

Status of underground water level

899. SHRI MANAS RANJAN BHUNIA: Will the Minister of JAL SHAKTI be pleased to state:

(a) whether the status of underground water level is in a dangerous condition throughout the country;

(b) if so, the details thereof, and the status of underground water in the different States in the country, State-wise; and

(c) the block-wise status of underground water in the district of Paschim Medinipur in West Bengal?

THE MINISTER OF STATE IN THE MINISTRY OF JAL SHAKTI (SHRI RATTAN LAL KATARIA): (a) and (b) Central Ground Water Board (CGWB) is periodically monitoring the ground water levels throughout the Country on a regional scale, through a network of monitoring wells. In order to assess the decline in water level on a long-term basis, Pre-monsoon water level data collected by CGWB during Pre-monsoon 2019 has been compared with the decadal average (2009-2018). Analysis of water level data indicates that about 61% of the wells monitored have registered decline in ground water levels. Details in this regard are given in Statement [Refer to Statement-I appended to answer to USQ No. 896 part (a)]

The Dynamic Ground Water Resources of the country are being periodically assessed jointly by Central Ground Water Board (CGWB) and State Governments. As per the 2017 assessment, total Annual Ground Water Recharge is 432 Billion Cubic Meter (BCM) and the Annual Extractable Ground Water Resource is 393 BCM. The Annual Ground Water Extraction for all uses is 249 BCM. The Stage of Ground Water Extraction, which is a measure of Annual Ground Water Extraction for all uses (irrigation, industrial and domestic uses) over Annual Extractable Ground Water Resource is around 63% for the country as a whole. State wise details are given in Statement-I (*See* below).

As per the 2017 assessment, out of the total 6881 assessment units (Block/Taluks/Mandals/watersheds/Firkas) in the country, 1186 units have been categorized as 'Over-exploited' where the Annual Ground Water Extraction is more than Annual Extractable Ground Water Resource.

(c) In Paschim Medinipur, as per the 2013 assessment, the Annual Extractable Ground Water Resource is 3.29 BCM. The Annual Ground Water Extraction for all uses is 1.19 BCM. The Stage of Ground Water Extraction, which is a measure of Annual Ground Water Extraction for all uses (irrigation, industrial and domestic uses) over Annual Extractable Ground Water Resource is 36%. Details are given in Statement-II.

Statement-I**State-wise Ground Water Resources of India, 2017**

(in bcm)

Sl. No.	States/Union Territories	Ground Water Recharge					Total Natural Discharges	Annual Extractable Ground Water Resource on 2025	Current Annual Ground Water Extraction				Annual GW Allocation for Domestic Use as	Net Ground Water Availability for future use	Stage of Ground Water Extraction (%)
		Monsoon Season		Non-monsoon Season		Total Annual Ground Water Recharge			Irrigation	Industrial	Domestic	Total			
		Recharge from rainfall sources	Recharge from other sources	Recharge from rainfall sources	Recharge from other sources										
		3	4	5	6										
States															
1.	Andhra Pradesh	9.96	5.62	1.21	4.42	21.22	1.07	20.15	7.85	0.14	0.90	8.90	1.48	12.31	44.15
2.	Arunachal Pradesh	1.89	0.18	0.95	0.01	3.02	0.36	2.67	0.00	0.00	0.01	0.01	0.03	2.64	0.28
3.	Assam	20.22	0.43	7.28	0.74	28.67	4.42	24.26	1.97	0.06	0.69	2.73	0.79	21.43	11.25
4.	Bihar	19.83	3.95	3.14	4.50	31.41	2.43	28.99	10.78	0.66	1.83	13.26	1.83	15.78	45.76
5.	Chhattisgarh	7.82	1.36	0.76	1.64	11.57	1.00	10.57	3.98	0.05	0.67	4.70	0.79	5.76	44.43

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
6.	Delhi	0.13	0.06	0.03	0.11	0.32	0.02	0.30	0.09	0.02	0.24	0.36	0.29	0.02	119.61
7.	Goa	0.19	0.03	0.01	0.05	0.27	0.11	0.16	0.02		0.03	0.05	0.04	0.07	33.50
8.	Gujarat	15.95	3.40	0.00	3.02	22.37	1.12	21.25	12.84	0.11	0.63	13.58	0.90	7.98	63.89
9.	Haryana	3.56	2.55	1.03	3.00	10.15	1.01	9.13	11.53	0.34	0.63	12.50	0.72	0.87	136.91
10.	Himachal Pradesh	0.34	0.02	0.11	0.04	0.51	0.05	0.46	0.20	0.00	0.19	0.39	0.34	0.16	86.37
11.	Jammu and Kashmir	1.00	0.50	0.88	0.51	2.89	0.29	2.60	0.20	0.07	0.50	0.76	0.50	1.84	29.47
12.	Jharkhand	5.25	0.13	0.41	0.42	6.21	0.52	5.69	0.80	0.22	0.56	1.58	0.56	4.13	27.73
13.	Karnataka	6.59	4.36	2.67	3.22	16.84	2.05	14.79	9.39		0.95	10.34	1.14	5.41	69.87
14.	Kerala	3.91	0.04	0.68	1.13	5.77	0.56	5.21	1.22	0.01	1.44	2.67	1.57	2.41	51.27
15.	Madhya Pradesh	27.10	1.51	0.82	6.99	36.42	1.95	34.47	17.43	0.22	1.24	18.88	1.72	15.84	54.76
16.	Maharashtra	20.59	2.29	0.53	8.23	31.64	1.74	29.90	15.10	0.00	1.22	16.33	2.28	12.91	54.62
17.	Manipur	0.23	0.01	0.17	0.02	0.43	0.04	0.39	0.00	0.00	0.00	0.01	0.04	0.34	1.44
18.	Meghalaya	1.37	0.01	0.43	0.02	1.83	0.19	1.64	0.03	0.00	0.01	0.04	0.02	1.59	2.28
19.	Mizoram	0.16	0.00	0.05	0.00	0.21	0.02	0.19	0.00	0.00	0.01	0.01	0.01	0.18	3.82
20.	Nagaland	1.65	0.03	0.52	0.00	2.20	0.22	1.98	0.00	0.00	0.02	0.02	0.02	1.96	0.99
21.	Odisha	10.53	2.34	1.50	2.37	16.74	1.17	15.57	5.28	0.14	1.15	6.57	1.30	8.85	42.18
22.	Punjab	5.54	11.83	1.31	5.25	23.93	2.35	21.58	34.56	0.20	1.01	35.78	1.41	1.09	165.77
23.	Rajasthan	9.74	0.78	0.24	2.42	13.18	1.21	11.99	14.85		1.92	16.77	2.67	0.88	139.88
24.	Sikkim	5.20	0.00	0.43	0.00	5.63	4.11	1.52	0.00	0.00	0.00	0.00	0.01	1.51	0.06

25.	Tamil Nadu	6.66	9.40	1.89	2.26	20.21	2.02	18.19	13.05		1.67	14.71	1.84	5.66	80.89
26.	Telangana	7.56	1.42	1.88	2.76	13.62	1.25	12.37	7.09		1.00	8.09	1.39	4.26	65.45
27.	Tripura	0.80	0.06	0.40	0.26	1.53	0.29	1.24	0.02	0.00	0.08	0.10	0.11	1.11	7.88
28.	Uttar Pradesh	37.73	11.67	1.59	18.93	69.92	4.60	65.32	40.89		4.95	45.84	5.96	20.36	70.18
29.	Uttarakhand	1.15	0.93	0.09	0.87	3.04	0.15	2.89	1.30	0.13	0.22	1.64	0.22	1.25	56.83
30.	West Bengal	18.71	1.51	5.26	3.85	29.33	2.77	26.56	10.84		1.00	11.84	1.53	14.19	44.60
	TOTAL (STATES)	251.36	66.40	36.29	77.04	431.09	39.08	392.03	221.32	2.38	24.76	248.45	31.51	172.82	63.37
	Union Territories														
1.	Andaman and Nicobar Islands	0.35	0.00	0.02	0.00	0.37	0.04	0.33	0.00	0.00	0.01	0.01	0.01	0.32	2.74
2.	Chandigarh	0.02	0.01	0.00	0.01	0.04	0.00	0.04	0.00		0.03	0.03	0.03	0.00	89.00
3.	Dadra and Nagar Haveli	0.06	0.00	0.00	0.01	0.07	0.00	0.07	0.01		0.01	0.02	0.01	0.04	31.34
4.	Daman and Diu	0.02	0.00	0.00	0.00	0.02	0.00	0.02	0.01	0.00	0.00	0.01	0.00	0.00	61.40
5.	Lakshdweep	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.99
6.	Puducherry	0.09	0.07	0.02	0.05	0.23	0.02	0.20	0.11		0.04	0.15	0.04	0.05	74.33
	TOTAL (UTs)	0.54	0.08	0.05	0.07	0.73	0.08	0.66	0.13	0.00	0.10	0.23	0.10	0.43	34.51
	GRAND TOTAL	251.90	66.48	36.34	77.11	431.83	39.16	392.69	221.44	2.38	24.86	248.68	31.61	173.25	63.33

Note:

Industrial and domestic draft has not been estimated separately in Goa, Himachal Pradesh, Karnataka, Rajasthan, Tamil Nadu, Uttar Pradesh, Chandigarh, Dadra and Nagar Haveli and Puducherry. The Ground Water resources assessment as on 2013 has been considered for the state of West Bengal

Statement-II*Block-wise Ground Water Resources of Paschim Medinipur, West Bengal, 2013*

Sl. No.	Name of the Unit	Net Annual Ground Water Availability (ham)	Total Ground water draft (ham)	Stage of Ground Water Development (%)
1	2	3	4	5
1.	Binpur-I	11147.48	4440.82	80.65
2.	Binpur-II	5951.09	613.83	21.92
3.	Chandrakona-I	7959.19	3429.13	44.38
4.	Chandrakona-II	6344.30	3908.71	62.63
5.	Dantan-I	10468.72	6160.02	58.84
6.	Dantan-II	8051.54	5353.57	66.49
7.	Daspur-I	7300.52	2514.64	34.44
8.	Daspur-II	7550.24	1188.00	15.73
9.	Debra	14330.56	7612.27	53.12
10.	Garbeta- I	14842.61	7238.19	49.58
11.	Garbeta -II	14788.44	4049.64	27.92
12.	Garbeta -III	11358.27	3131.87	55.80
13.	Ghatal	9890.70	2387.25	25.69
14.	Gopiballavpur-I	9609.22	1680.61	18.09
15.	Gopiballavpur-II	7592.97	2645.16	35.58
16.	Jamboni	7328.07	1313.33	18.76
17.	Jhargram	21046.46	2475.54	12.36
18.	Keshiary	10731.37	3646.00	34.72
19.	Keshpur	18351.99	7730.18	42.12
20.	Kharagpur-I	8803.75	3053.23	37.60
21.	Kharagpur-II	10099.03	6193.73	123.42

1	2	3	4	5
22.	Midnapore Sadar	11997.53	3740.43	63.27
23.	Mohanpur	5992.90	3641.81	60.77
24.	Narayanagarh	19195.33	11059.03	57.61
25.	Nayagram	17036.33	1754.27	10.30
26.	Pingla	8932.21	4518.91	50.59
27.	Sabang	12340.03	5872.29	47.59
28.	Salboni	19023.69	2598.24	27.73
29.	Sankrail	10798.96	4912.04	46.06
TOTAL (HAM)		328863.50	118862.75	36.14
TOTAL (BCM)		3.29	1.19	36.14

Amount being spent on Namami Gange Programme

900. SHRI G.C. CHANDRA SHEKHAR: Will the Minister of JAL SHAKTI be pleased to state:

(a) whether Government has any information on the total amount spent on Namami Gange Programme (NOP);

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF JAL SHAKTI (SHRI RATTAN LAL KATARIA): (a) and (b) Since the launch of Namami Gauge Programme (NGP) *i.e.* FY 2014-15, Government of India has released ₹8,617.02 crore National Mission for Clean Ganga (NMCG), out of which NMCG has released ₹8060.69 crore till 20th January, 2020 to State Government / State Programme Management Groups (SPMGs) / Central Public Sector Undertaking (CPSUS) / Other Executing Agencies.

(c) Does not arise.