

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA
REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 1220

ANSWERED ON 13.02.2023

NATIONAL AVERAGE OF WATER LEVEL

1220. SHRI RAKESH SINHA

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) the national average of water level in the country;
- (b) the number of States having water level below the national average;
- (c) the number and names of States with water level more than national average; and
- (d) the number of districts in which water level have reached critical juncture?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) to (c) Central Ground Water Board is periodically monitoring the ground water levels throughout the country on a regional scale, through a network of monitoring well. India being a country of large geographical expanse and due to varying topography of land and accordingly varying discharge of aquifer systems, national average of groundwater level may not be a reliable indicator for comparing the groundwater levels. However, the analysis of data collected during November 2022 reveals that out of the total wells analysed by the CGWB, in the majority of the wells (67.2%), the depth to water level was up to 5 metres below ground water level (mbgl).

State-wise details of water levels as collected by CGWB during November 2022 are given at **Annexure.**

(d) As per groundwater resource assessment 2022 carried out jointly by CGWB and States 1006 Assessment units (Blocks/Mandals/Talukas) falling in 196 districts in 16 States/UTs are over-exploited, where annual groundwater extraction is more than annual groundwater recharge.

**ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (c) OF UNSTARRED QUESTION NO. 1220 TO BE ANSWERED IN RAJYA
SABHA ON 13.02.2023 REGARDING “NATIONAL AVERAGE OF WATER LEVEL”.**

State-wise Depth to water Level and Distribution of Percentage of Wells for the Period of November, 2022

S. No.	Name of State	No. of wells Analysed	Depth to Water Level (mbgl)		Number & Percentage of Wells Showing Depth to Water Level (mbgl) in the Range of											
			Min	Max	0-2		2-5		5-10		10-20		20-40		> 40	
					No	%	No	%	No	%	No	%	No	%	No	%
1	Andaman and Nicobar	99	0.05	4.45	87	87.9	12	12.1	0	0.0	0	0.0	0	0.0	0	0.0
2	Andhra Pradesh	730	-0.54	37.62	370	50.7	226	31.0	97	13.3	29	4.0	7	1.0	1	0.1
3	Arunachal Pradesh	9	2.67	7.30	0	0.0	4	44.4	5	55.6	0	0.0	0	0.0	0	0.0
4	Assam	173	0.10	18.32	74	42.8	82	47.4	13	7.5	4	2.3	0	0.0	0	0.0
5	Bihar	638	0.33	11.30	105	16.5	434	68.0	96	15.0	3	0.5	0	0.0	0	0.0
6	Chandigarh	14	2.51	53.80	0	0.0	4	28.6	2	14.3	3	21.4	3	21.4	2	14.3
7	Chhattisgarh	774	0.65	22.95	157	20.3	437	56.5	142	18.3	36	4.7	2	0.3	0	0.0
8	Dadra & Nagar Haveli	15	1.98	7.80	1	6.7	12	80.0	2	13.3	0	0.0	0	0.0	0	0.0
9	Daman & Diu	7	1.45	6.37	1	14.3	4	57.1	2	28.6	0	0.0	0	0.0	0	0.0
10	Delhi	84	0.62	66.75	8	9.5	16	19.0	26	31.0	19	22.6	10	11.9	5	6.0
11	Goa	63	1.22	12.93	5	7.9	28	44.4	26	41.3	4	6.3	0	0.0	0	0.0
12	Gujarat	709	0.12	61.42	125	17.6	271	38.2	198	27.9	82	11.6	29	4.1	4	0.6
13	Haryana	268	0.11	77.95	36	13.4	68	25.4	37	13.8	59	22.0	56	20.9	12	4.5
14	Himachal Pradesh	84	0.54	36.25	16	19.0	29	34.5	15	17.9	19	22.6	5	6.0	0	0.0
15	Jammu and Kashmir	273	0.30	32.86	75	27.5	138	50.5	39	14.3	14	5.1	7	2.6	0	0.0
16	Jharkhand	178	0.26	12.80	19	10.7	109	61.2	48	27.0	2	1.1	0	0.0	0	0.0
17	Karnataka	1327	-0.45	27.30	467	35.2	495	37.3	320	24.1	43	3.2	2	0.2	0	0.0
18	Kerala	1412	0.05	52.82	281	19.9	454	32.2	539	38.2	125	8.9	12	0.8	1	0.1
19	Madhya Pradesh	1259	-0.66	37.67	239	19.0	608	48.3	326	25.9	76	6.0	10	0.8	0	0.0
20	Maharashtra	1472	0.10	40.00	358	24.3	732	49.7	320	21.7	52	3.5	10	0.7	0	0.0
21	Meghalaya	24	0.15	4.93	13	54.2	11	45.8	0	0.0	0	0.0	0	0.0	0	0.0
22	Nagaland	4	0.63	6.73	1	25.0	0	0.0	3	75.0	0	0.0	0	0.0	0	0.0
23	Orissa	1212	0.03	11.16	491	40.5	601	49.6	116	9.6	4	0.3	0	0.0	0	0.0
24	Pondicherry	4	1.06	3.45	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0
25	Punjab	232	0.79	49.14	18	7.8	40	17.2	34	14.7	60	25.9	63	27.2	17	7.3
26	Rajasthan	890	0.06	121.55	71	8.0	226	25.4	150	16.9	158	17.8	134	15.1	151	17.0
27	Tamil Nadu	621	0.03	52.83	216	34.8	252	40.6	110	17.7	33	5.3	5	0.8	5	0.8
28	Telangana	529	-0.50	49.55	187	35.3	218	41.2	94	17.8	27	5.1	1	0.2	2	0.4
29	Tripura	20	0.98	6.81	5	25.0	12	60.0	3	15.0	0	0.0	0	0.0	0	0.0
30	Uttar Pradesh	634	0.15	44.14	158	24.9	250	39.4	132	20.8	72	11.4	18	2.8	4	0.6
31	Uttaranchal	45	0.20	55.20	9	20.0	11	24.4	16	35.6	6	13.3	2	4.4	1	2.2
32	West Bengal	774	0.40	30.49	102	13.2	309	39.9	216	27.9	109	14.1	38	4.9	0	0.0
Total		14577	-0.66	121.55	3697	25.4	6095	41.8	3127	21.5	1039	7.1	414	2.8	205	1.4

