

Depletion of water level in Haryana

2745. SHRI RAM KUMAR KASHYAP: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether it is fact that the drinking water level has been declining to an alarming level in the country and Haryana in particular due to excessive construction work;
- (b) if so, the details thereof; and
- (c) the necessary steps Government is going to take in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI SANTOSH KUMAR GANGWAR): (a) and (b) Ground water is continuously being exploited due to growth in population, increased industrialization and irrigation as a result of which ground water levels in various parts of the Country are declining. No separate data for decline in groundwater due to construction activities is maintained. The comparison of ground water data, as monitored by Central Ground Water Board(CGWB), for the pre-monsoon 2013 with decadal mean of the pre-monsoon (2003-2012) indicates that 56% of the wells show a decline in ground water level. However, 44% of the wells show a rise in ground water level. The monitoring of ground water data for the State of Haryana indicates a fall in water level in 66% of the wells and a rise in 34% of the wells analyzed. State/UT-wise details are given in Statement (*See below*).

(c) CGWB has prepared a conceptual document entitled “Master Plan for Artificial Recharge to Ground Water in India” during the year 2013, which envisages construction of different types of Artificial Recharge and Rainwater Harvesting structures in the Country in an area of 9,41,541 square km by harnessing surplus monsoon runoff to augment ground water resources. Further, the National Water Policy (2012), which has been forwarded to all State Governments/UTs and concerned Ministries/Departments of Central Government for appropriate action, also highlights the need for augmenting the availability of water through direct use of rainfall. Initiatives for water conservation and water recharge are being undertaken by the respective State Governments which, *inter-alia*, include conservation of water resources in the reservoirs and traditional water bodies, rainwater harvesting and artificial recharge of ground water. Central Government provides technical and financial assistance to the State Governments through various schemes and programmes to facilitate this. A National Water Mission, has also been set up to *inter-alia*, promote conservation of water resources.

Statement

*Comparison of State-wise decadal water level fluctuation with mean pre-monsoon
(2003 to 2012) and pre-monsoon 2013*

Sl. No.	Name of State/UT	No. of Wells Analysed	Rise		Fall	
			No.	%	No.	%
1	2	3	4	5	6	7
1.	Andhra Pradesh	729	349	47.87	380	52.13
2.	Arunachal Pradesh	3	2	66.67	1	33.33
3.	Assam	195	105	54.12	89	45.88
4.	Bihar	181	88	48.62	93	51.38
5.	Chandigarh	16	7	43.75	9	56.25
6.	Chhattisgarh	404	223	55.33	180	44.67
7.	Dadar & Nagar Haveli	5	4	80.00	1	20.00
8.	Delhi	124	47	37.90	77	62.10
9.	Goa	43	19	44.19	24	55.81
10.	Gujarat	702	311	44.49	388	55.51
11.	Haryana	312	107	34.41	204	65.59
12.	Himachal Pradesh	68	34	50.00	34	50.00
13.	Jammu and Kashmir	131	82	62.60	49	37.40
14.	Jharkhand	172	90	52.33	82	47.67
15.	Karnataka	827	240	30.46	548	69.54
16.	Kerala	604	172	28.52	431	71.48
17.	Madhya Pradesh	944	544	58.00	394	42.00
18.	Maharashtra	848	421	49.65	427	50.35
19.	Manipur	1	1	100.0	0	0.00
20.	Meghalaya	27	9	33.33	18	66.67
21.	Nagaland	12	6	50.00	6	50.00
22.	Odisha	743	329	44.28	414	55.72

1	2	3	4	5	6	7
23.	Puducherry	7	4	57.14	3	42.86
24.	Punjab	211	57	27.14	153	72.86
25.	Rajasthan	846	428	51.63	401	48.37
26.	Tamil Nadu	457	108	23.63	349	76.37
27.	Tripura	28	13	46.43	15	53.57
28.	Uttar Pradesh	777	360	46.33	417	53.67
29.	Uttarakhand	47	22	46.81	25	53.19
30.	West Bengal	755	268	35.50	487	64.50
TOTAL		10219	4450	43.85	5699	56.15

Note: 70 wells analyzed are showing no change.

Irrigation facilities in Rajasthan

†2746. SHRI RAM NARAIN DUDI: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) the modes of irrigation facilities available in the rural areas of Rajasthan, particularly western Rajasthan, at present;
- (b) whether the Central Government is making any effort to improve the irrigation facilities in western Rajasthan and if so, the details thereof; and
- (c) the number of districts of western Rajasthan, expected to get irrigation facilities by the end of the present Five Year Plan?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI SANTOSH KUMAR GANGWAR): (a) to (c) Water is a state subject and it is for the State Governments to plan, implement, run and maintain details regarding irrigation projects in their respective states.

This Ministry is providing grants under Accelerated Irrigation Benefit Programme (AIBP) for major and medium Projects and Extension, Renovation and Modernization (ERM) of major and medium Projects. This Ministry is also providing grants under Repair, Renovation and Restoration of Water Bodies (RR&R) for minor irrigation schemes.

The grants provided so far in respect of projects of Rajasthan is given in Statement.