

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

STARRED QUESTION NO:533

ANSWERED ON:22.05.2006

MONITORING OF GROUND WATER LEVELS

Patel Shri Kishanbhai Vestabhai;Singh Shri Sugrib

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether the Central Ground Water Board monitor ground water levels regularly;
- (b) if so, the details in this regard;
- (c) the number of ground water wells identified for collection of samples with regard to quality of water, State-wise;
- (d) whether monitoring for 2005-06 has been completed in all the regions; and
- (e) if so, the details of report submitted by each region so far alongwith action taken thereon?

Answer

THE MINISTER OF WATER RESOURCES (PROF. SAIF-UD-DIN SOZ)

(a) to (e) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY OF PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO.533 FOR REPLY ON 22.05.2006 REGARDING MONITORING OF GROUND WATER LEVELS

(a)&(b) The Central Ground Water Board (CGWB) monitors ground water levels regularly through a network of 15640 observation wells throughout the country. Water levels are monitored four times in a year during the months of January, April/May, August and November. The main objective of ground water level monitoring is to observe the trend of water level fluctuations. The data generated is used for assessment of ground water resources, which is carried out jointly by CGWB and the States.

(c) Ground water monitoring wells are also used by CGWB for collection of ground water samples once in a year during pre-monsoon (April/May) period for knowing the regional ground water quality. In addition, the Central Pollution Control Board (CPCB) have 321 water quality monitoring wells. State-wise distribution of these wells is given at Annexure.

Besides, CGWB collects water samples from various groundwater structures and exploratory wells during hydrogeological surveys which include water quality problems and their extent, from geogenic sources like fluoride, arsenic, salinity etc.

(d) Monitoring of ground water levels for the year 2005-06 (April/ May, 2005, August, 2005, November, 2005 and January, 2006) has been completed in all the States.

(e) All the ground water level monitoring data has been submitted by the concerned Regional Offices of CGWB to its Central Headquarters. Based on this data, ground water level scenario is prepared for different periods and is given during the meetings of Crop Weather Watch Group in the Ministry of Agriculture. This data is presented in the form of a Year Book which includes analysis of the data and preparation of various maps like depth to water level maps, water table contour maps and water level fluctuation maps to study the declining trend etc. the scheduled target for completion of such reports for 2005-06 is September, 2006. Data is available in all the Regional Offices of CGWB for dissemination to user agencies as and when required.