

[English]

Study Regarding under Ground Water Resources In Kerala

6844. SHRI A. CHARLES: Will the Minister of WATER RESOURCES be please to state:

(a) whether the Union Government have conducted any study to find out the availability of under ground water resources in the drought prone areas of Kerala; and

(b) if so, the details and the outcome thereof/

THE MINISTER OF WATER RESOURCES (SHRI VIDYACHARAN SHUKLA): (a) No district in Kerala is categorised as drought prone district. The Central Ground Water Board has however, carried out survey for determining availability of ground water in the entire state of Kerala.

(b) Total annually replenishable ground water resource of Kerala State is 8.1 cubic Kilometer (Km³). Utilisable resource for Irrigation is 6.8 Km³ per year. District-wise details of estimates of ground water resource are given in the statement attached.

STATEMENT

Ground Water Resources Estimates as Per Norms of Ground Water Estimation Committee

Name of the State: KERALA

Provisional

SI Nos	Name of the District	Total replani- shable Ground Water Resources (Cubic Km/ Yr)	Provision for drinking Industrial & other Uses (Cubic Km/ Yr)	Utilisable Ground Water Resources For Irrigation (Cubic Km/ Yr)	Net Draft (1984-85) (Cubic km/yr)	Balance Ground Water Potential available for Explo- itation (Cubic Km/ Yr)	Level of G.W Develop ment (1984- 85) %
1	2	3	4	5	6	7	8
1.	Thiruvananthapuram	0.304	0.059	0.245	0.022	0.222	8.98
2.	Kollam	0.445	0.076	0.369	0.040	0.329	10.84
3.	Pathanamthitta	0.423	0.064	0.359	0.016	0.343	4.46
4.	Alappuzha	0.510	0.077	0.433	0.028	0.405	6.47
5.	Kottayam	0.526	0.079	0.447	0.023	0.424	5.15
6.	Idukki	0.660	0.099	0.561	0.008	0.553	1.43
7.	Ernakulam	0.684	0.095	0.589	0.107	0.482	18.17

Sl Nos	Name of the District	Total replani- shable Ground Water Resources (Cubic Km/ Yr)	Provision for drinking Industrial & other Uses (Cubic Km/ Yr)	Utilisable Ground Water Resources For Irrigation (Cubic Km/ Yr)	Net Draft (1984-85) (Cubic km/yr)	Balance Ground Water Potential available for Explo- itation (Cubic Km/ Yr)	Level of G.W Develop ment (1984- 85) %
1	2	3	4	5	6	7	8
8.	Thrissur	0.8596	0.130	0.726	0.121	0.605	16.67
9.	Palakkad	0.736	0.110	0.626	0.059	0.567	9.42
10.	Malappuram	0.690	0.108	0.582	0.069	0.513	11.86
11.	Kozhikode	0.528	0.080	0.448	0.026	0.422	5.8
12.	Wayanad	0.477	0.072	0.405	0.008	0.397	1.98
13.	Kannur	0.847	0.127	0.720	0.037	0.683	5.14
14.	Kasaragod	0.427	0.064	0.363	0.083	0.280	22.87
Total		8.113	1.24	6.873	0.647	6.226	9.41