

Categorization of Assessment Units based on the 'Stage of Ground Water Extraction'

Sl. No	Category	GWRA-2017		GWRA-2020		GWRA-2022		GWRA-2023	
		Number of AUs	% of AUs	Number of AUs	% of AUs	Number of AUs	% of AUs	Number of AUs	% of AUs
1	Safe	2	50	2	50	2	50	3	37.50
2	Semi-critical							3	37.50
3	Critical			1	25	1	25		
4	Over-exploited	1	25					1	12.50
5	Saline	1	25	1	25	1	25	1	12.50
Total number of AUs		4		4		4		8	

Recommendations: -

The UT of Puducherry is underlain by the semi-consolidated and unconsolidated sedimentary formations which mainly sustain dug wells, shallow and deep tube wells. The Dynamic ground water resources for UT of Puducherry have been assessed Region wise i.e., Karaikal, Mahe, Puducherry & Yanam.

The Annual Ground Water Recharge of the UT of Puducherry has been assessed as 0.20 bcm, Annual Extractable Ground Water Resources is 0.18bcm and the Annual Ground Water Extraction is 0.13bcm. The overall Stage of Ground Water Extraction of UT of Puducherry is 70.27 %. Out of 8 regions, 3 region (Puducherry) has been categorized as Semi-Critical', 3 Regions (Karaikal & Mahe) as 'Safe' 1 region is as over exploited and 1 Region (Yanam) as 'Saline'.

In the safe category areas of Puducherry, State Government can judiciously develop the ground water resource mainly for agricultural use, however, at no point of time the extraction level should exceed 70%.

In the critical category areas of Puducherry, Rooftop Rainwater Harvesting may be adopted.

Ground Water Year Book published by CGWB having water level & water quality data may be used in Ground water management. ([http://cgwb.gov.in/Ground-Water/GW%20YEAR%20BOOK%202019-0%20ALL%20INDIA%20FINAL%20752021%20\(1\).pdf](http://cgwb.gov.in/Ground-Water/GW%20YEAR%20BOOK%202019-0%20ALL%20INDIA%20FINAL%20752021%20(1).pdf))

Regulation & control of Ground water Extraction: Ministry of Jal Shakti has issued the guidelines for control and regulations of ground water extraction vide notification dated 24.09.2020 which has further been amended in March 2023. Concerned departments may ensure implementations of the guidelines.

For Further Information, Contact to :

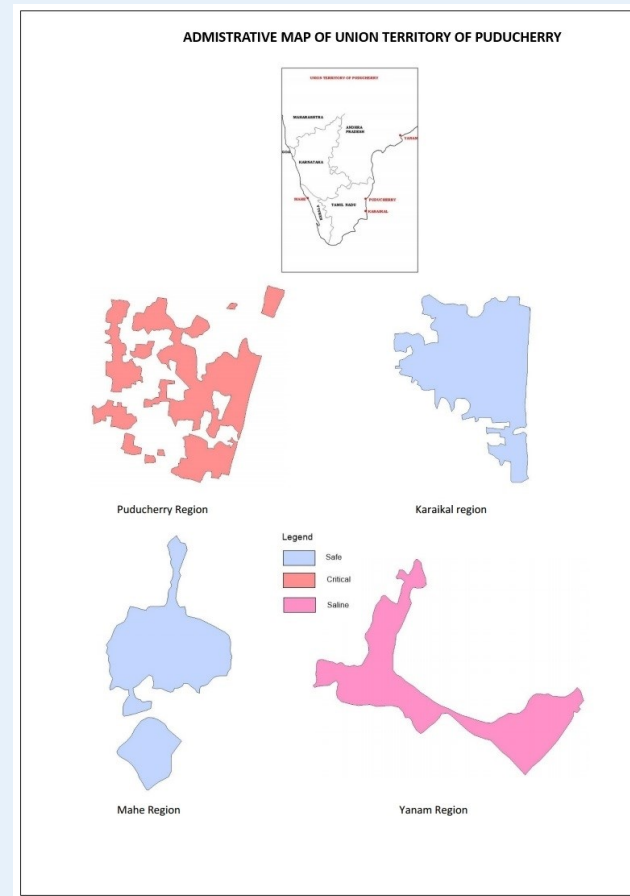
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Central Ground Water Board Department of Water Resources, RD & GR Ministry of Jal Shakti, Government of India



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