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

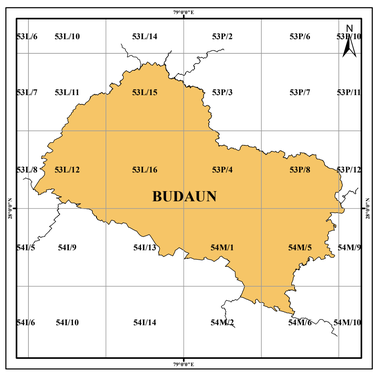
District Recharge Plan
Budaun District
Uttar Pradesh State

Index

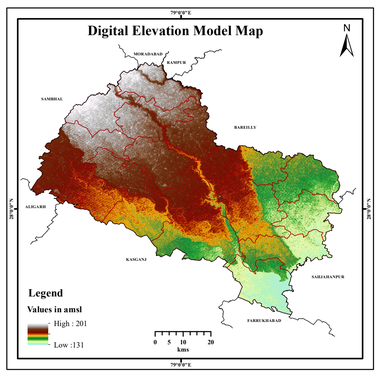
- Associated Boundary
- District Boundary
- Block Boundary
- Village Boundary
- Watershed Boundary
- River / Water Bodies
- Drainage
- Major Road

Index Map Of Uttar Pradesh

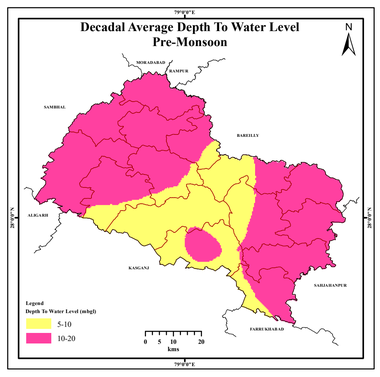
SOI Toposheet Index

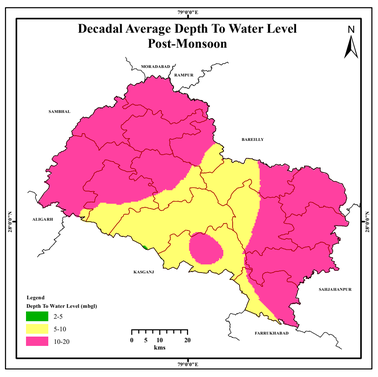


Digital Elevation Model



Depth to Water Level Maps





General Features

Geographical Area (Sq.km)	4377.05
Blocks (Nos.)	15
Gram Panchayats (Nos.)	1038
Urban Habitats(Nos.)	1
Normal Annual Rainfall (mm)	688.58
Area Suitable for AR (Sq.km)	4377.05
Subsurface Storage Potential (MCM)	4402
Source Water Requirement (MCM)	5722.6
Surplus Runoff Available (MCM)	108.5

Artificial Recharge Structure

Type of Structure	No. of Proposed Structures
Destiling /Deepening of Existing Pond	1093
Existing Pond(To be protected for water Conservation)	3749
Proposed Recharge Shaft	109
Existing Check Dam	4
Proposed Check Dam	20
Urban Areas	Roof-top Rain water Harvesting Structures
	All Govt. Buildings & Houses with Roof Area.200sq.m
Shallow Water Level (< 5 m)	Area suitable for Water Conservation (Nil)

Principal Aquifers

Index	Principal Aquifer
	Older Alluvium
	Younger Alluvium

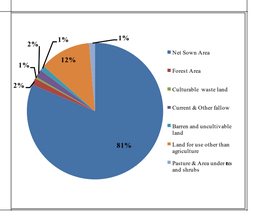
Ground Water Scenario

Decadal Average Depth To Water Level Pre-Monsoon (m bgl)	
Min	6.72
Max	17.49
Major Range	10 to 20
Decadal Average Depth To Water Level Post-Monsoon (m bgl)	
Min	6.43
Max	17.67
Major Range	10 to 20

Ground Water Quality

Water Quality Parameter	Permissible Limits	Obtained Value	Blocks showing more than permissible limits
Electrical Conductivity (EC) (µS/cm)	<3000	285 - 1235	No Blocks above Permissible Limit
Flouride (mg/l)	<1.5	0.76 - 1.13	No Blocks above Permissible Limit
Nitrate (mg/l)	<45	0 - 109	Usawan,Ujhani,Salarpur
Arsenic (mg/l)	<0.01	0 - 0.01	Salarpur
Uranium (mg/l)	<0.03	0 - 0.04	Bisauli,Salarpur

Salient Features

Major Geographical Landform	Younger and Older Alluvial Plains
Major Issues	High Ground Water Exploitation (Average SOGE - 79.54%)
	Deep Water Levels
	Declining water level Trends
	Pollution(Geogenic & Anthropogenic)
Cropping Pattern(%)	Major Crops -Wheat,Paddy,Pea & Maize
Land Utilization(%)	

** Locations of the proposed artificial recharge structures shown on the map are indicative and require field verification & ensuring pollution free water for recharge.*

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