



Index

- District Boundary
- Associated Boundary
- Block Boundary
- National Highway
- Watershed boundary
- Drain
- River
- Stream
- Village Boundary

Index Map Of Uttar Pradesh

SOI Toposheet Index

Digital Elevation Model

Depth to Water Level Maps

Decadal Average Depth To Water Level Pre-Monsoon

Decadal Average Depth To Water Level Post-Monsoon

General Features

Geographical Area (Sq.km)	2091
Blocks (Nos.)	8
Gram Panchayaths	504
Urban Habitat (Nos.)	1
Normal Annual Rainfall (mm)	628
Area Suitable for AR (Sq.km)	1886
Subsurface Storage Potential (MCM)	1550
Source Water Requirement (MCM)	2062

Artificial Recharge Structures

Type of Structure	No.of Proposed Structures
Desilting Existing Pond	357
Existing Pond(For Water conservation)	949
Proposed Check dam	40
Proposed Recharge Shaft	18
Urban area	Roof Top Rain Water Harvesting Structures All Govt Buildings and houses with Roof Area >200 sq.km.
Shallow Water Level(<2m)	Area Suitable for Staggered Trenches

Principal Aquifers

Decadal Average Depth To Water Level (Pre-monsoon) mbgl	
Min	1.41
Max	25.59
Major Range	10 to 20
Decadal Average Depth To Water Level (Post-monsoon) mbgl	
Min	0.47
Max	23.10
Major Range	10 to 20

Ground Water Scenario

Index	Types Of Aquifer
Younger Alluvium	
Older Alluvium	

Ground Water Quality

Sl.No.	Water Quality Parameter	Permissible Limits	Obtained Value	Mandals showing more than permissible limits
1	Electrical Conductivity (EC) (μS/cm)	<3000	358-1350	No Blocks above Permissible Limit
2	Fluoride(mg/l)	<1.5	0-1.38	No Blocks above Permissible Limit
3	Nitrate (mg/l)	<45	0 to 13	No Blocks above Permissible Limit

Land Utilization (%)

Salient Features

Major Geomorphic Landforms	Younger ad Older Alluvium Plain
Major Issues	High Ground water Exploitation (Average SOGE- 78.32%) Deep Water Levels, Declining Water Level Trends
Cropping Pattern(%)	Major Crops: Potato, Wheat, Rice & Maize

* Locations of the proposed artificial recharge structures shown on the map are indicative and require field verification & ensuring pollution free water for recharge.
Central Ground Water Board (CGWB), NR, Lucknow, Email: rdnr-cgwb@nic.in