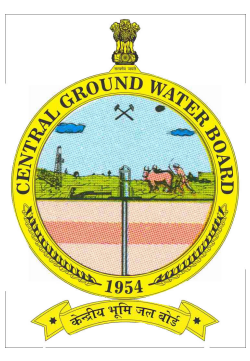


81°30'0"E

81°45'0"E

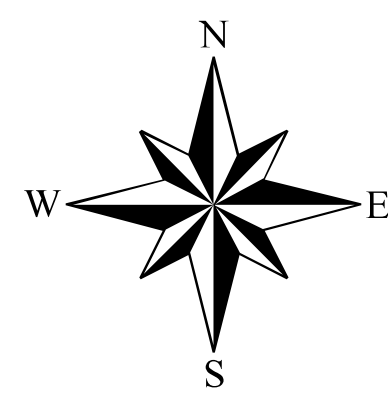
82°0'0"E

82°15'0"E



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

District Recharge Plan Pratapgarh District Uttar Pradesh State



26°15'0"N

26°0'0"N

25°45'0"N

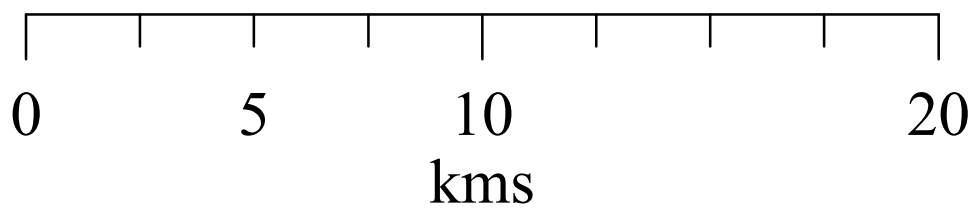
25°30'0"N

26°15'0"N

26°0'0"N

25°45'0"N

25°30'0"N



81°30'0"E

81°45'0"E

82°0'0"E

82°15'0"E

Index

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

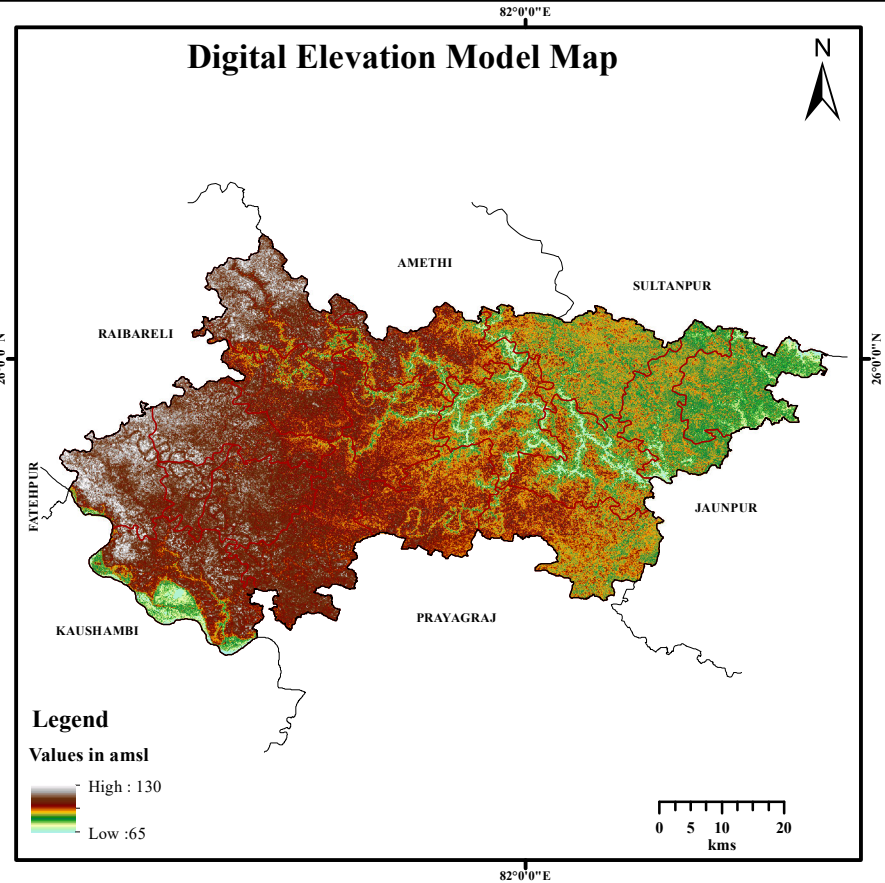
Index Map Of Uttar Pradesh



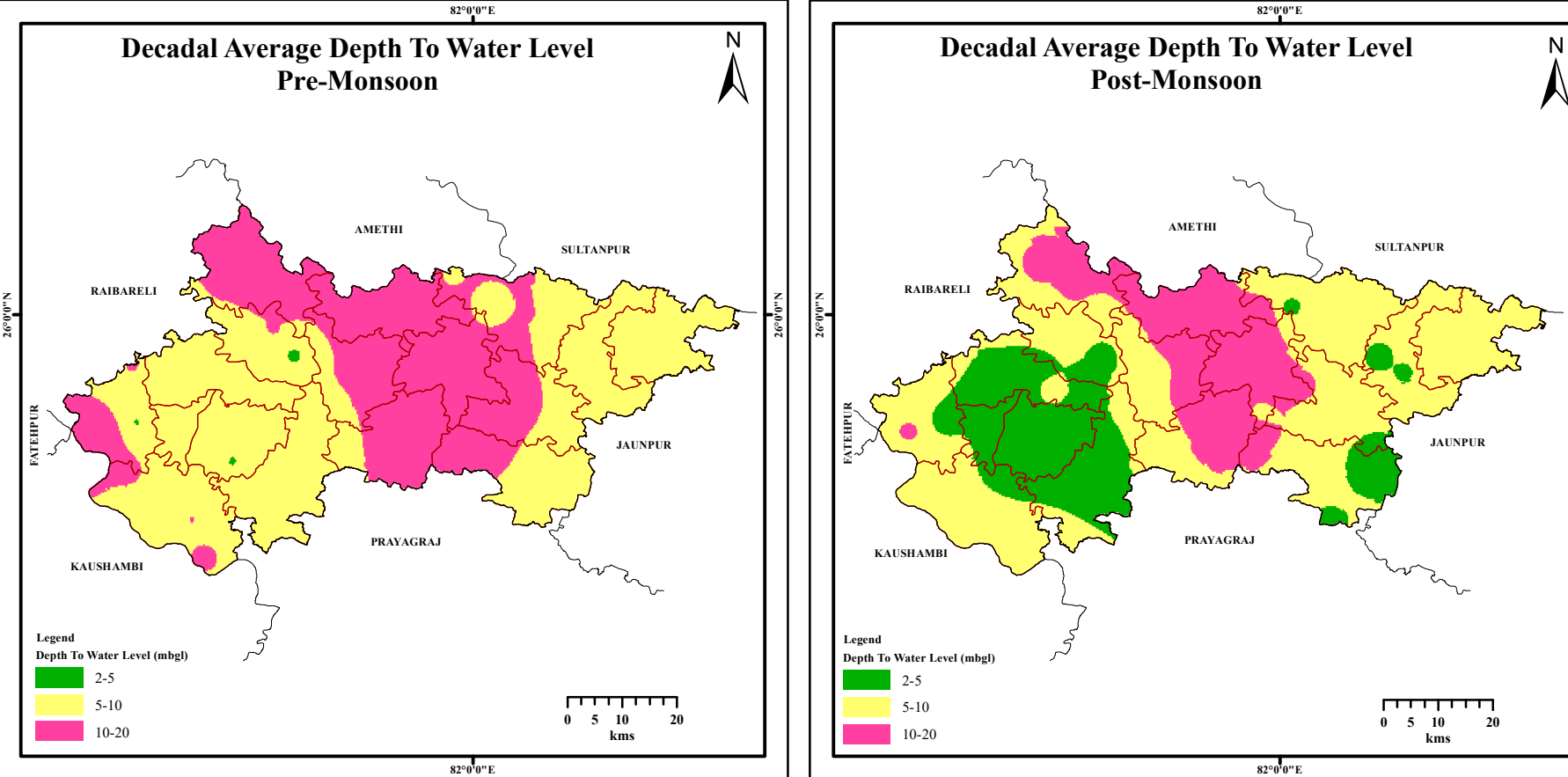
SOI Toposheet Index



Digital Elevation Model



Depth to Water Level Maps



General Features

Geographical Area (Sq.km)	3715.762
Blocks (Nos.)	17
Gram Panchayats (Nos.)	1193
Urban Habitats(Nos.)	1
Normal Annual Rainfall (mm)	751.48
Area Suitable for AR (Sq.km)	854.77
Subsurface Storage Potential (MCM)	724
Source Water Requirement (MCM)	762.92
Surplus Runoff Available (MCM)	77.4

Artificial Recharge Structure

Type of Structure	No. of Proposed Structures
Destling /Deepening of Existing Pond	461
Existing Pond(To be protected for water Conservation)	1760
Proposed Recharge Shaft	12
Existing Check Dam	0
Proposed Check Dam	51
Urban Areas	Rooft-top Rain water Harvesting Structures All Govt. Buildings & Houses with Roof Area.200sq.m
Shallow Water Level (< 5 m)	Area suitable for Water Conservation

Principal Aquifers

Index	Principal Aquifer
	Older Alluvium
	Younger Alluvium

Ground Water Scenario

Decadal Average Depth To Water Level Pre-Monsoon (m bgl)	
Min	4.446
Max	18.052
Major Range	5 to 10
Decadal Average Depth To Water Level Post-Monsoon (m bgl)	
Min	2.625
Max	16.613
Major Range	5 to 10

Ground Water Quality

Water Quality Parameter	Permissible Limits	Obtained Value	Blocks showing more than permissible limits
Electrical Conductivity (EC) (µS/cm)	<3000	437 - 2029	No Blocks above Permissible Limit
Flouride (mg/l)	<1.5	0.28 - 1.30	No Blocks above Permissible Limit
Nitrate (mg/l)	<45	0.50 - 20	No Blocks above Permissible Limit

Salient Features

Major Geographical Landform	Younger and Older Alluvial Plains
Major Issues	High Ground Water Exploitation (Average SOGE - 77.72%) Deep Water Levels
Cropping Pattern(%)	Major Crops -Rice,Wheat & Others
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.
Central Ground Water Board (CGWB), NR, Lucknow, Email: rdnr-cgwb@nic.in