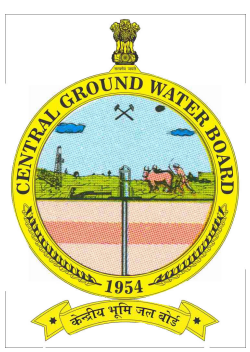


82°20'0"E

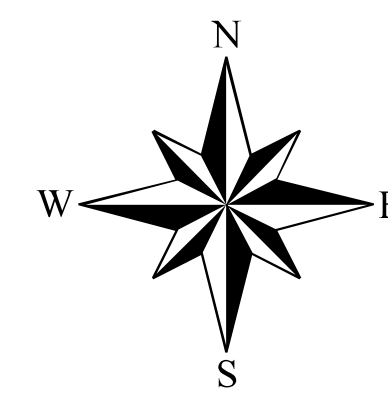
82°30'0"E

82°40'0"E



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

District Recharge Plan Sant Ravidas Nagar District Uttar Pradesh State



25°30'0"N

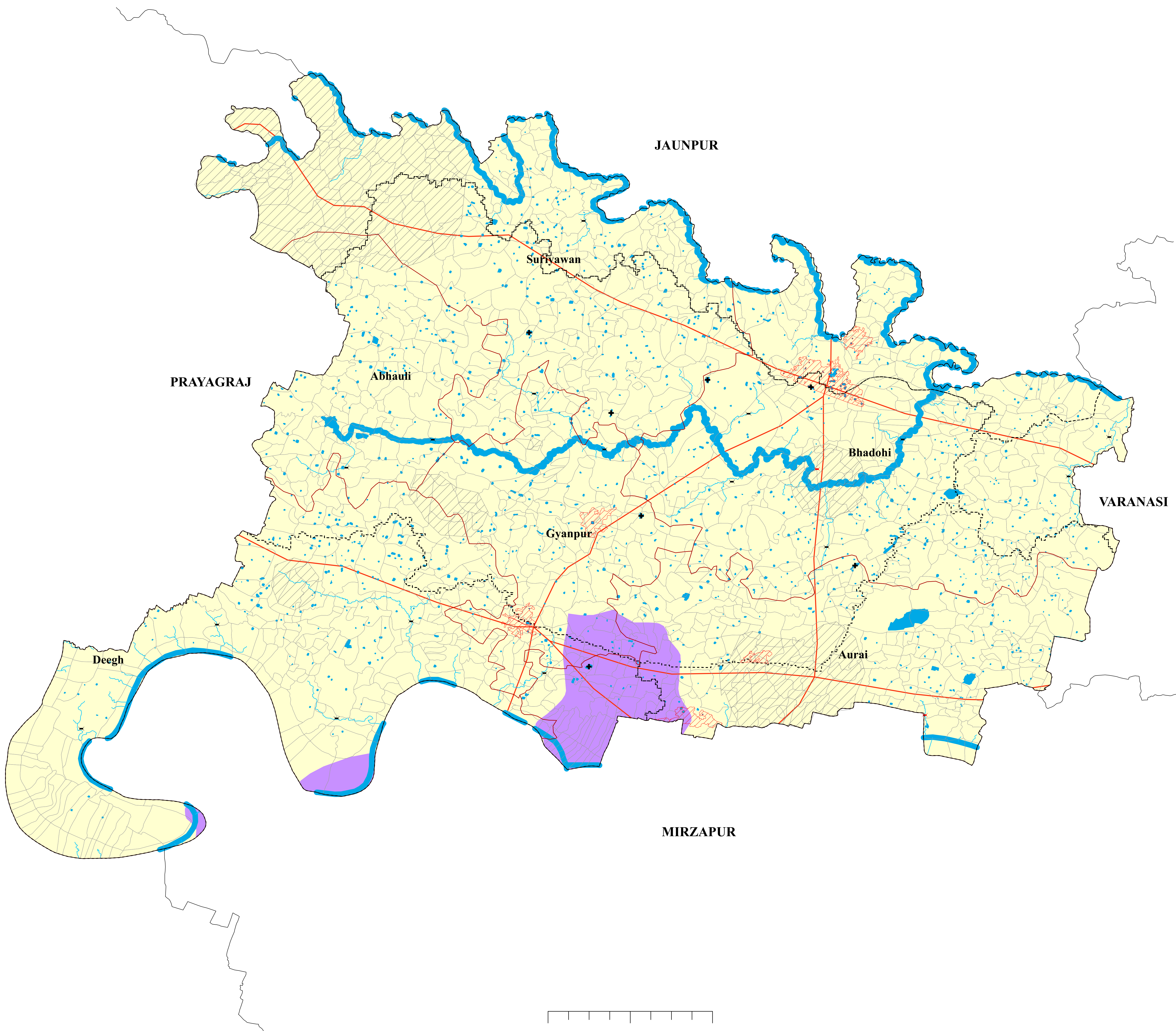
25°30'0"N

25°20'0"N

25°20'0"N

25°10'0"N

25°10'0"N



82°20'0"E

82°30'0"E

82°40'0"E

Index

Index Map Of Uttar Pradesh

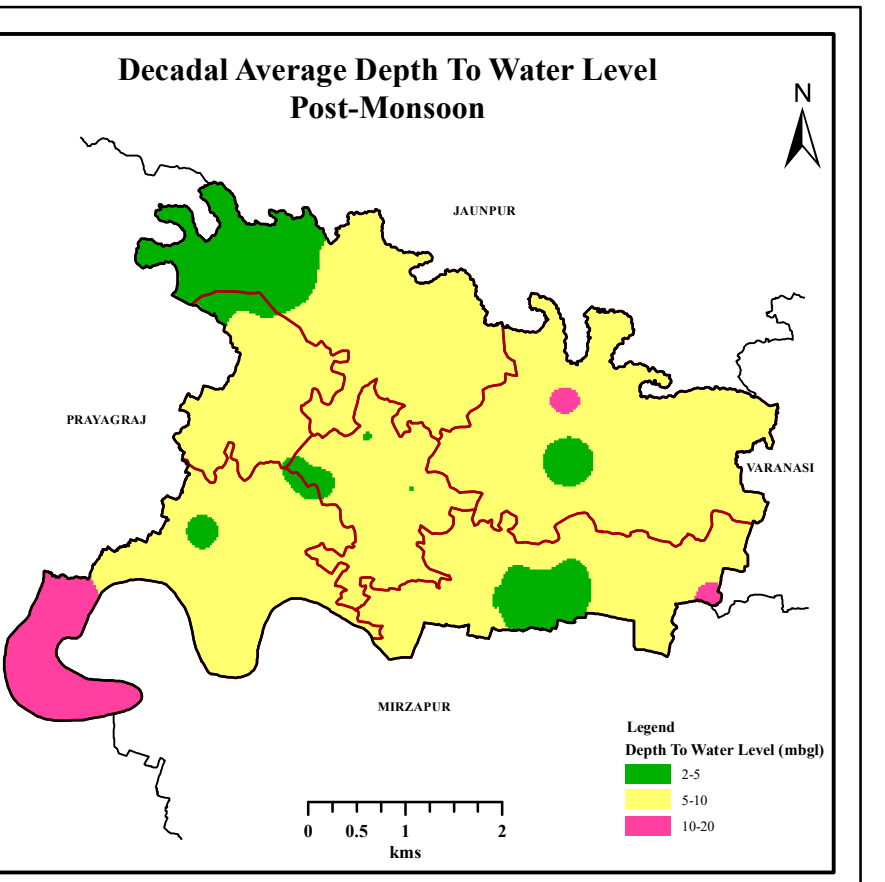
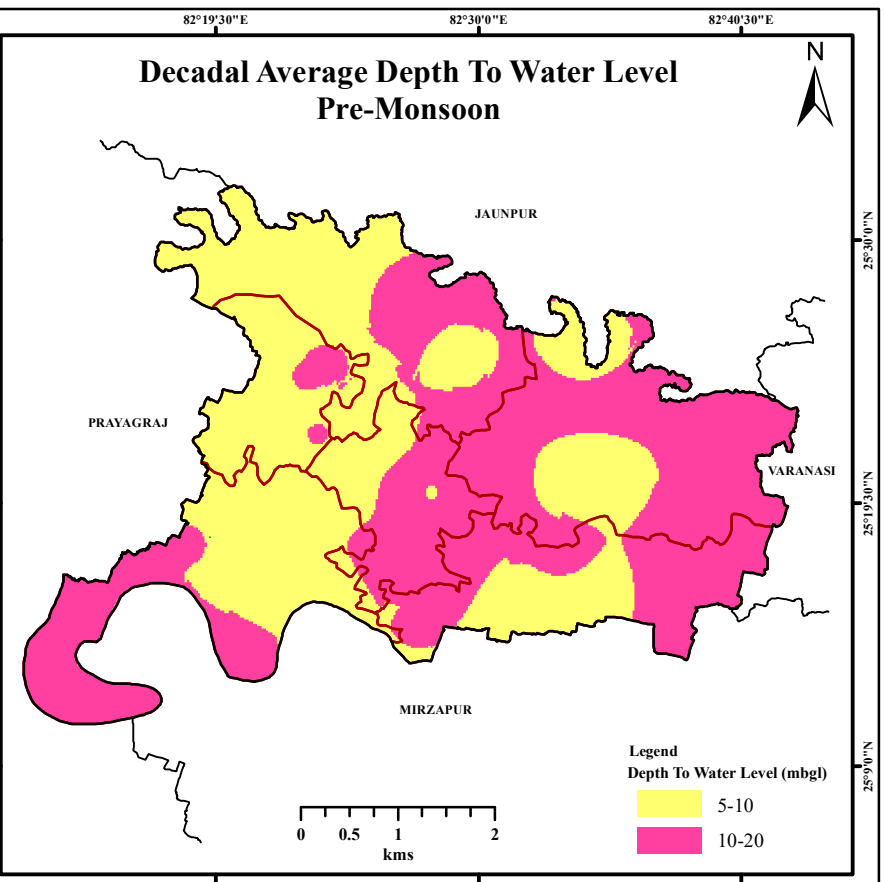
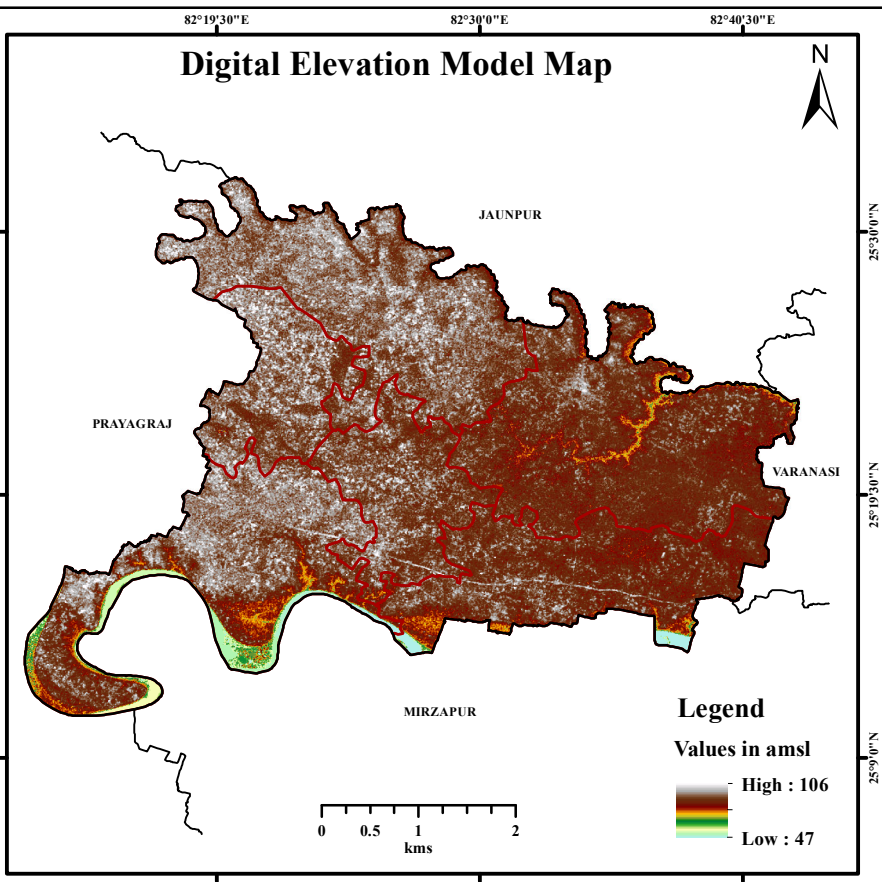
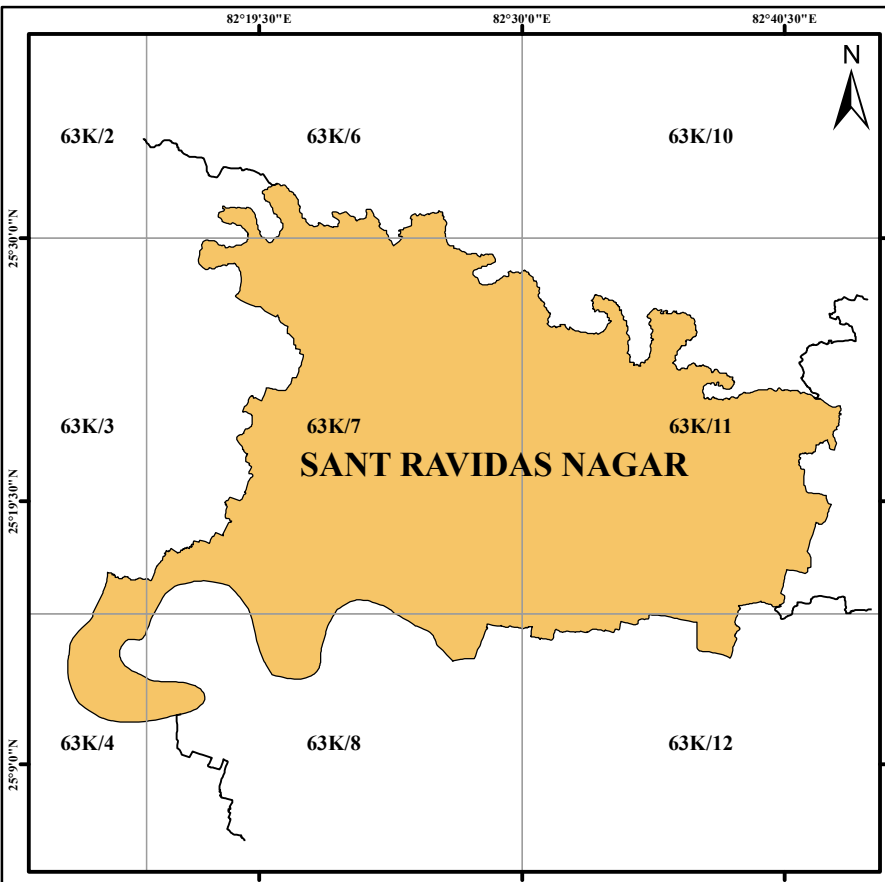
SOI Toposheet Index

Digital Elevation Model

Depth to Water Level Maps

General Features

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



Geographical Area (Sq.km)	1014.74
Blocks (Nos.)	6
Gram Panchayats (Nos.)	546
Urban Habitats(Nos.)	1
Normal Annual Rainfall (mm)	806.233
Area Suitable for AR (Sq.km)	892.29
Subsurface Storage Potential (MCM)	170
Source Water Requirement (MCM)	226.1
Surplus Runoff Available (MCM)	25.9

Artificial Recharge Structure

Principal Aquifers

Ground Water Scenario

Ground Water Quality

Salient Features

Type of Structure	No. of Proposed Structures
Destiling /Deepening of Existing Pond	718
Existing Pond(To be protected for water Conservation)	874
Proposed Recharge Shaft	7
Existing Check Dam	2
Proposed Check Dam	16
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

Index	Principal Aquifer
	Older Alluvium
	Quartzite

Decadal Average Depth To Water Level Pre-Monsoon (m bgl)	
Min	5.035
Max	16.05
Major Range	10 to 20
Decadal Average Depth To Water Level Post-Monsoon (m bgl)	
Min	1.965
Max	13
Major Range	5 to 10

Water Quality Parameter	Permissible Limits	Obtained Value	Blocks showing more than permissible limits
Electrical Conductivity (EC) (µS/cm)	<3000	321 - 667	Nil
Flouride (mg/l)	<1.5	0.14 - 1.06	Nil
Nitrate (mg/l)	<45	0 - 17	Nil

Major Geographical Landform	Older Alluvial Plains
Major Issues	High Groundwater Exploitation(Average SOGE- 79.80%) Deep Water Levels Declining Water Level Trends
Cropping Pattern(%)	Major Crops - Paddy,Wheat,Pearl Millet and 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