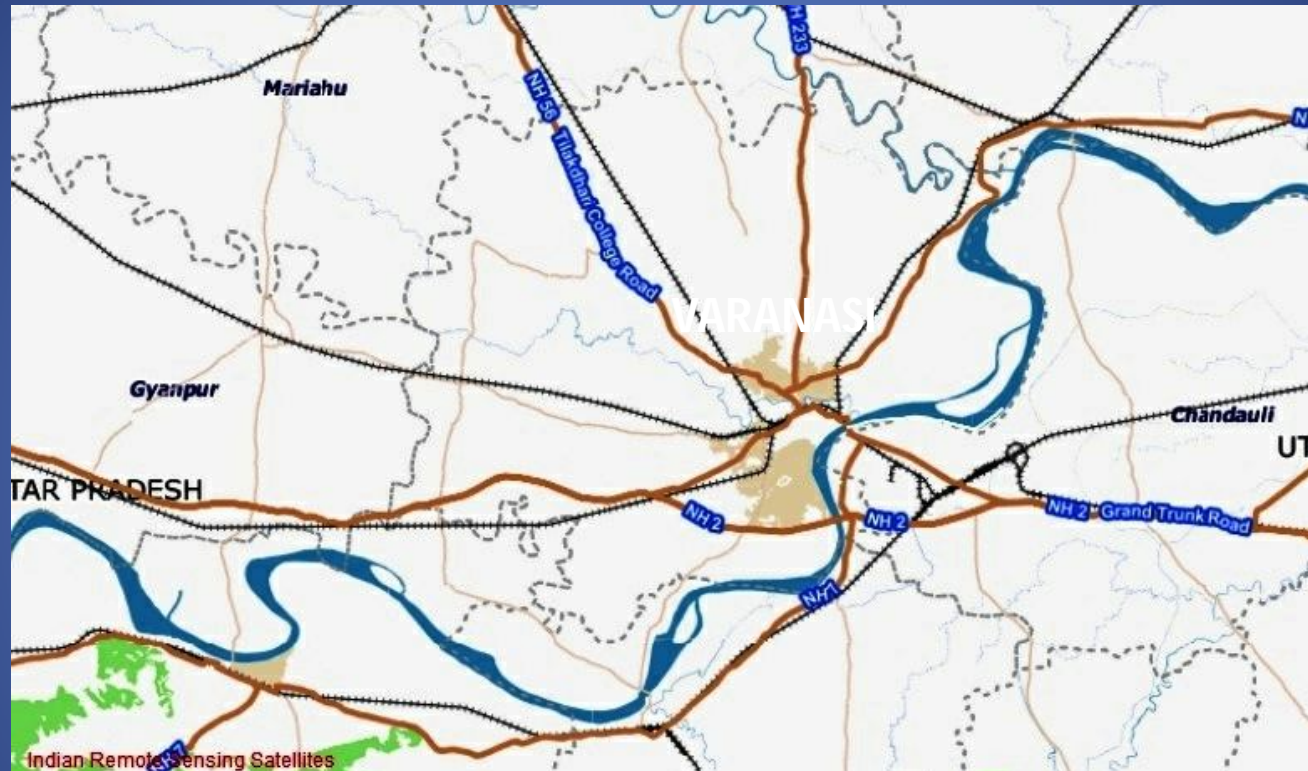


# Map Your Own City -Varanasi



Project by:

Dr. Aparna Pandey, Associate Professor of Geography , NCERT ,New Delhi  
Greeshma M.A , JPF, NCERT New Delhi

# Open School Bhuvan Level-3 and zoom to Varanasi City

NCERT-Level3

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=4/24.20/77.24

Search

**School Bhuvan : NCERT-Level 3**

Gateway to Indian Earth Observation

National Remote Sensing Centre

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Enter City or Lat,Lon(ex:chennai or

Point Line Area Save 304

+ Zoom in to Edit

Indian Remote Sensing Satellites

-87.91, 29.84

Powered by ID


Choose your city in "High Resolution Cities "

NCERT-Level3



bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=4/24.20/77.24

Search

Download Home Star Feedback

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HRS Cities

**High Resolution Cities on Bhuvan**

A B C D E F G H I J K L M N O P R S T U V W

**Cities**

VIJAYAWADA	ANDHRA PRADESH	VISHAKHAPATNAM	ANDHRA PRADESH
VADODARA	GUJARAT	VERAVAL	GUJARAT
VISNAGAR	GUJARAT	VIDISHA	MADHYA PRADESH
VAIJAPUR	MAHARASHTRA	VAPI	MAHARASHTRA
VARANASI	UTTAR PRADESH	VRINDAVAN	UTTAR PRADESH

+ Zoom in to Edit

bhuvan-mapper.nrsc.gov.in/download/hrslst/index.php# 58.38, 39.02

Powered by ID



More zooming is required for digitizing

NCERT-Level3

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=9/25.4010/83.0369

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Point Line Area

Save

Zoom in to Edit

Shahganj Maunath Bhanjan Rasra

Pattani

PGARH

Lalganj

Machhlishahr JAUNPUR

Kerakat

Saidpur

Mohammadabad

Phulpur1

Mariahu

GHAZIPUR

Sakaldiha

Handia

VARANASI

CHANDALI

ALLAHABAD

SANT RAVI DAS NAGAR(BHADOHI)

Meja

CHANDALI

CHUNAR

MIRZAPUR

CHAKIA

BHABHUA

ROHTAS

Indian Remote Sensing Satellites

83.04, 25.30

India

Powered by

There is an option for base map switch on to this and similarly for Admin boundary and infrastructure for digitizing other features.

NCERT-Level3

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3826/82.9636

Search

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**Search features**

Search

Point Line Area Save 474

Karakat NH 239 District bound Saidpur Chazipur

Mariahu NH 59 Tashwan College Road

Gyazpur District bound of Sant

UTTAR PRADESH District bound

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**Background**

- ☐ Bhuvan imagery
- ☒ Base Map
- ☒ Admin Boundary
- ☒ Infrastructure
- ☐ River Network
- ☐ Drainage
- ☐ Locator Overlay

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Now start digitizing the Area of Varanasi by clicking the tool "Area".

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3518/82.9196

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**Edit feature**

Other

**Name**  
Common name (if any)

All tags (0)

All relations (0)

Point Line **Area** Save 304

Click on the map to start drawing an area, like a park, lake, or building.

Varanasi

Chandauli

UTTAR PRADESH

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Enter the data of Varanasi in the field .

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3674/83.0731

Search

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Enter City or Lat,Lon(ex:chennai or

**Edit feature**

Area

**Name**  
Varanasi

**Note**  
Varanasi is among the oldest living cities in the world & its antiquity finds place in ancient scriptures. Located along the Ganga it is a sacred place for all Hindus, jains, Buddhists. The Banarasi silk sari and carpets have made the city a big name

**Source**  
Uttar pradeh Tourism ,Govt of UP

**Website**  
uptourism.gov.in

Point Line Area Save 226

Kerakat Mariahu Gyanpur Varanasi Settlement Railway line Chandauli Ghazipur Saidpur


UTTAR PRADESH

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Start digitizing the National Highways. Then select the feature type from the following

← | bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3587/83.0580 | ↻ | 🔍 Search | ⬇ | 🏠 | ⭐ | 📁 | 📧 | Feedback | 🗺 | 🗨 | ☰

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Welcome to ncert\_nrsc, | Logout | Download | HRS Cities | 🔍 Enter City or Lat,Lon(ex:chennai or

**Select feature type** ▶

🔍 Search

-  Road
-  Rail
-  Path
-  Water
-  Power Line
-  Line

Point | Line | Area | ↶ | ↷ | Save | 194

Map showing National Highways (NH 2, NH 233, NH 7) and other features like Railway line, Settlement, and District boundaries. Labels include Karakat, Saidpur, Chazipur, Mariahu, Gyanpur, Varanasi, Chandauli, and Uttar Pradesh.

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After selecting the feature enter the data in the field

NCERT-Level3

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3587/83.0580

Search

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Welcome to ncert\_nrsc, Logout Download HRS Cities

Enter City or Lat, Lon(ex:chennai or

**Edit feature**

Trunk Road

Name  
NH7

One Way  
Unknown

Speed Limit  
40 km/h

Structure  
Unknown

Access

General	Unknown
Foot	Unknown

Point Line Area Save 194

Karakat District Road Saidpur Chazipur

Mariahu Varanasi

Gyanpur

UTTAR PRADESH

Chandauli

NH 2 Grand Trunk Road

NH 23

NH 7

Railway line

Indian Remote Sensing Satellites

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Now digitize Railway lines and select the feature and add the data in the field.

NCERT-Level3

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3587/83.0580

Search

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Enter City or Lat, Lon(ex:chennai) or

Select feature type

Search

- Road
- Rail
- Path
- Water
- Power Line
- Line

Point Line Area Save 181

Karakat NH 233 District Road Saidpur Chazipur

Mariahu Varanasi Settlement NH 2 NH 233 Grand Trunk Road

UTTAR PRADESH

Indian Remote Sensing Satellites

Edits by ncert\_nrsc, Powered by ID Bhuvan



After selecting the feature enter the data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3587/83.0580

Search

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Enter City or Lat,Lon(ex:chennai or

**Edit feature**

Rail

Name

Railway line to Kolkata

Structure

- Bridge
- Tunnel
- Embankment
- Cutting
- Remove

All tags (2)

Map showing Varanasi, Gyanpur, Saidpur, Chazipur, Karakat, Mariahu, Settlement, Chandauli, and Grand Trunk Road. Features include NH 233, NH 29, NH 2, and NH 7. The map is labeled with "UTTAR PRADESH" and "Indian Remote Sensing Satellites".

Edits by ncert\_nrsc, Powered by ID Bhuvan

Now digitize the River Ganga and select the features.

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3587/83.0580

Search

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Select feature type

Search

- Road
- Rail
- Path
- Water
- Power Line
- Line

Point Line Area Save 80

Enter City or Lat, Lon(ex:chennai or

Map showing the River Ganga and surrounding areas, including Varanasi, Gyanpur, Saidpur, Chazipur, and Chandauli. The map displays the River Ganga flowing through the region, with various roads (NH 233, NH 29, NH 7) and railway lines. The map is overlaid with a grid and a scale bar.

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Enter the complete data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3587/83.0580

Search

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Enter City or Lat, Lon(ex:chennai or

**Edit feature**

River

Name

Ganga

Note

Varanasi is situated at the bank of Ganga. Ganga rises in the Gangotri Glacier near Gaumukh in Uttarakhand. Here it is known as the Bhagirathi.

Source

NCERT text book

All tags (4)

Point Line Area Save 80

Karakat

Mariahu

Gyanpur

Varanasi

Settlement

Chandauli

Saidpur

Chazipur

UTTAR PRADESH

Railway line

Indian Remote Sensing Satellites

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Now digitize the Varanasi City and write the data in the attribute table.

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3953/82.9589

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Enter City or Lat, Lon(ex:chennai or

**Edit feature**

Area

**Name**  
Varanasi City

**Note**  
Varanasi, the holy city of India, is also known by the name of Kashi and Benaras. Kashi, the city of Moksha for Hindus since centuries, is known for its fine-quality silks, 'paan' and Benares Hindu University and Avimukta of the ancient days.

**Source**  
Varanasi Tourism

**Website**  
<http://www.varanasicity.com/>

Point Line Area Save

Varanasi City

Map showing Varanasi City and surrounding areas, including the Ganges river, railway lines, and district boundaries. Labels include: Mariahu, Kerakati, Saidpur, Chazipur, Gyanpur, Chandauli, Uttar Pradesh, District bound, Rail, Railway line, Ga, Indian Remote Sensing Satellites.

Edits by ncert\_nrsc, Powered by iD



Now digitize the District boundary of Varanasi and write the data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3848/82.9972

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**Edit feature**

Line

Name  
District boundary of Sant Ravi Das Nagar (Bhadohi)

All tags (2)

All relations (0)

Point Line Area Save

Mariahu

Gyanpur

UTTAR PRADESH

Railway line

Indian Remote Sensing Satellites

Chandauli

UTTAR PRADESH

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Again make other district and write the data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.4729/83.1166

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Enter City or Lat, Lon(ex:chennai or

**Edit feature**

Line

Name  
District boundary of Jaunpur

All tags (2)

All relations (0)

Point Line Area Save

Jaunpur

Allahabad Gorakhpur Road

Karakat

Saidpur

Chazipur

Saka'diha

Chandauli

UTTAR PRADESH

Railway line

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Next make District Boundary for Ghazipur and feed the data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.4729/83.1166

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Enter City or Lat,Lon(ex:chennai or

**Edit feature**

Line

Name  
District boundary of Ghazipur

All tags (2)

All relations (0)

Point Line Area Save

Jaunpur

Allahabad Gorakhpur Road

Karakat

Mariahu

Saidpur

Ghazipur

Saka'diha

Chandauli

UTTAR PRADESH

Railway line


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# Digitize Chandauli District and add data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.2830/83.0988

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Enter City or Lat,Lon(ex:chennai or

**Edit feature**

 Line

**Name**

District boundary of Chandauli

All tags (2)

All relations (0)

Point Line Area Save

Mariahu

Saidpur

Chandauli

UTTAR PRADESH

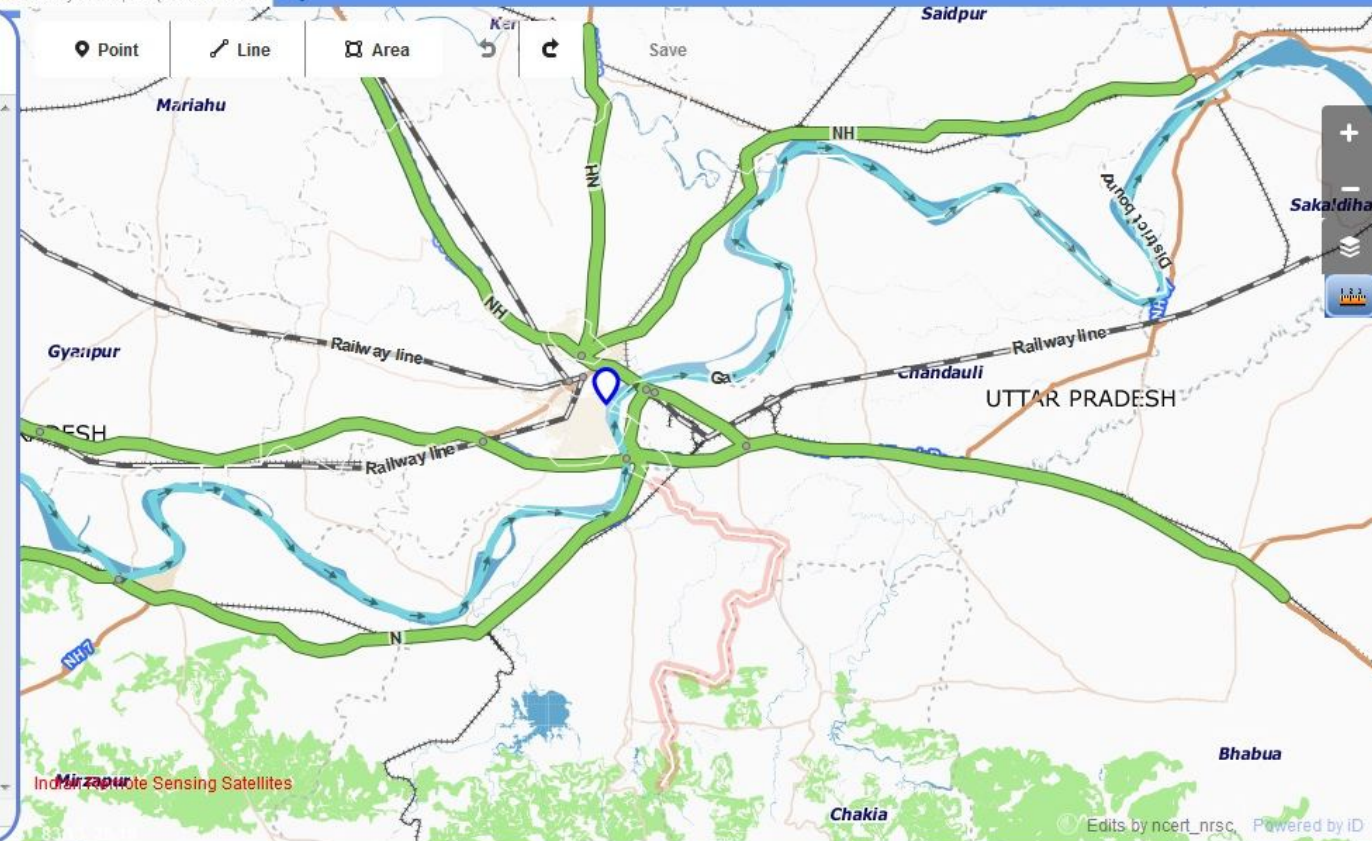
Chakia

Bhabua

Minzapur

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Likewise make for Mirzapur District and add the data in the field

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.2830/83.0988

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Enter City or Lat,Lon(ex:chennai or

**Edit feature**

Line

Name  
District boundary of Mirzapur

All tags (2)

All relations (0)

Point Line Area Save

Mariahu

Gyanpur

Chandauli

UTTAR PRADESH

Saidpur

Saka'diha

Bhabua

Chakia

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## Bhadohi District and add the data in the field

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Search

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**Edit feature**

Line

Name

District boundary of Sant Ravi Das Nagar (Bhadohi)

All tags (2)

All relations (0)

Point Line Area Save

Mariahu

Saidpur

Chandauli

Railway line

UTTAR PRADESH

Bhabua

Chakia

Minzapur

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Now your Neighbouring District of Varanasi is ready to use.

bhuvan-mapper.nrsc.gov.in/ncertlevel3/edit#map=10/25.3847/83.0094

Search

**Search features**

Search

Point Line Area Save

Kerakat Saidpur Ghazipur

Mariahu

Gyanpur

UTTAR PRADESH

Railway line

Chandauli

Indian Remote Sensing Satellites

83.30, 25.40

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ISRO

## Let's Do

- ✿ Identify neighbouring districts of Varanasi.
- ✿ Write the significance of Varanasi in view of cultural, educational & commercial centre.
- ✿ Identify the National Highways which pass through Varanasi.
- ✿ Mark direction of flow of river Ganga on the map.
- ✿ Explore the routes of NH2 & NH7 through which they link Varanasi to different states of India.

## Now Start Mapping Your Own City!

For Any Query  
contact- [aparnancert@gmail.com](mailto:aparnancert@gmail.com)