

VRS Data Downloading

The **Reference Data Shop** provides GNSS data of a virtual reference station. The data are generated as RINEX2.x, RINEX3.0x, T01, T02, DAT, TGD.

← → ↻ ⚠ Not secure | cors.surveyofindia.gov.in 🔍 ☆ ⋮

CONTINUOUSLY OPERATING REFERENCE STATIONS NETWORK

> Home

- Home
 - Sensor Map
 - Position Scatter Plot
 - Status Messages
- Network Information
 - Online Post Processing
 - Reference Data Shop**
- My Account
 - VRS iScope
 - VRS iScope Live!
 - Active Subscriptions
- Organization Details
- Administration
 - Logout
- External Links
 - Trimble

Welcome

Welcome to the Survey of India CORS Web Application!

To download VRS data Click on Reference Data Shop

Following window will appear

Click on Start new order

Reference Data Shop - Overview

This service allows you to obtain GNSS data for reference stations in the network or a virtual reference station. You can order and immediately download the requested data files which will either be in RINEX ("Receiver INdependent EXchange") or in a different format.

Start new order

Not yet downloaded orders: ▾

Request

Reference Data Shop - Station Type

Please select the reference station type for your GNSS data generation:

- [Continuously Operating Reference Station \(CORS\)](#)
- or
- [Virtual Reference Station \(VRS\)](#)

<< Back: Order

For VRS data click on **Virtual Reference Station (VRS)**

In next page the following window will appear.

Reference Data Shop - Virtual Reference Station

Enter the coordinates of a virtual reference station or drag the marker to the desired location on the map. You can switch between the geographical and geocentric coordinate system.

Virtual Reference Station - Geographical Position

Latitude:* N S

Longitude:* E W

Elevation: m

<< Back: Station Type Selection **Next: Time Selection >>**

Enter the coordinates of the point of which VRS data is to be generated.

Then click on **Next:Time Selection>>**

* You can enter the geographical coordinates in three formats:

- Deg Min Sec Example: 48 1 21.60
- Deg Min Example: 48 1.36
- Deg Example: 48.02267

In next window period for desired data have to be defined.

Reference Data Shop - Date & Time Selection

You have selected the following reference station(s):

VRS: Lat: 29.608239 N Lon: 78.339525 E Elev: 400.0000 m

Please enter your desired observation period:

Observation Period	
Date:	1/6/2021
Start time:	5 h 30 m 0 s
Duration:	24 h 0 m
Interval:	5 s
Time system:	GPS
<input data-bbox="256 808 671 869" type="button" value=" << Back: Reference Stations "/> <input data-bbox="703 808 1040 869" type="button" value=" Next: Add to order >> "/>	

Select **Date** and **Start time, Duration** and **data logging Interval**.

Then click on **Next: Add to order >>**

Reference Data Shop - Your current Order

The following items are currently in your order. You may add further items, remove items or proceed with delivery options and data generation.

	Station	Start time	End time	Duration (min.)	Interval (sec.)	Epochs	Est. Price*
<input type="radio"/>	VRS	1/6/2021 5:30 AM	1/7/2021 5:30 AM	1440	5	17280	0.00 \$
Total:				1440		17280	0.00 \$

Applying to selected item:

Login used for this order: grb

* Note: The displayed price is just an estimate. The true price may change due to missing epochs or overlapping contract items in your subscription and cannot be determined until the final GNSS data files have been generated.

Then click on **Next: Delivery Option >>**

Reference Data Shop - Delivery Options

You can choose to either download the generated reference data files or to send them to you by e-mail. In the latter case you don't have to wait until the files are generated, which may take some time, depending on the amount of requested data.

- Download the data
- Notify me by e-mail when the data is generated
- or
- Send me the data by e-mail

Click on
Download the data
radio button

Select
desired
data
format

Choose the file format (all files will be packed into a single ZIP archive):

RINEX 2.11 ▾

then click on
Next: Generate Data >>

<< Back: Current Order

Next: Generate Data >>

User can also receive data on email. However, the size of the data depends upon the limit set by respective e-mail service provider.

Reference Data Shop - Delivery Options

You can choose to either download the generated reference data files or to send them to you by e-mail. In the latter case you don't have to wait until the files are generated, which may take some time, depending on the amount of requested data.

- Download the data
- or
- Send me the data by e-mail
- One single e-mail containing all order items
 - Multiple e-mails, one for each order item

Click on
Send me the data by e-
mail radio button

Select
desired
data
format

Please provide your e-mail address:

abc@xyz.com

Choose the file format (all files will be packed into a single ZIP archive):

RINEX 2.11 ▾

then click on
Next: Generate Data >>

<< Back: Current Order

Next: Generate Data >>

In next window Data Generation status will appear.

Reference Data Shop - Data Generation

Your requested reference data files are being generated.
Please wait...

Processing Status	
Files generated:	0 / 1
Current file progress:	<div style="width: 31%; background-color: yellow; border: 1px solid gray;"></div> 31 %
Total progress:	<div style="width: 27%; background-color: yellow; border: 1px solid gray;"></div> 27 %

Note that you don't have to remain on this page for the entire file generation process. You can go back to the overview or any other page and return later to download the data.

<< Back: Overview

Cancel generation

After completion of data generation following window will appear


Reference Data Shop - Data Generation

Data generation finished.
You can now view the results and download the data on the next page.

<< Back: Overview

Next: Order Details >>

Click on
<<Back: Overview

To download data in
user's pc click on 

Reference Data Shop - Overview

This service allows you to obtain GNSS data for reference stations in the network or a virtual reference station. You can order and immediately download the requested data files which will either be in RINEX ("Receiver INdependent EXchange") or in a different format.

Start new order

Not yet downloaded orders: v

No.	Request time (local time)	Items	Status	File size	Action
8	1/23/2021 9:01:29 PM	1	Finished	13.5 MB	  

Now select desired location to save CORS data.

* * *