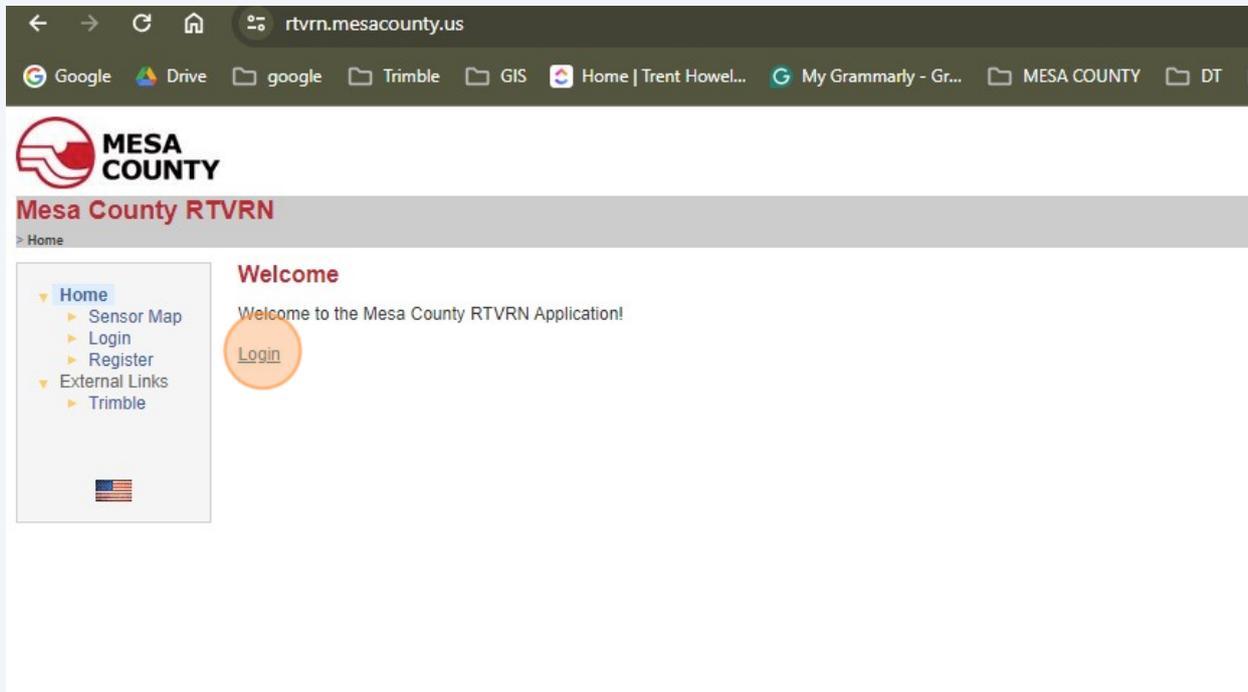


How to download Static GPS/GNSS (Rinex) Files

1 Go to rtvrn.mesacounty.us and click login



2

Use your current login credentials. This is the same username and password that is used for corrections on your survey rover or GPS device. If you do not know your credentials please go to the "Lost RTVRN Credentials Instructions" pdf located here. *(Need to add link to pdf)*

If you do not have an account and would like to just download the Static files there is a guest account available. The username and password is:

Username: **guest**

password: **guestguest**

If you have an account it is best to use your current login credentials because you can save your downloads to your login. The "guest" account will delete the logins after a few days.



Mesa County RTVRN

Home > Login

- ▼ Home
 - ▶ Sensor Map
 - ▶ **Login**
 - ▶ Register
 - ▼ External Links
 - ▶ Trimble
- 

Login

Login

Please enter your organization, user name and password to log in:

Organization:

User Name:

Password:

Remember me next time

[Forgot your password?](#)

3 Click Reference Data Shop.



Mesa County RTVRN

- ▼ Home
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 - ▶ IRIM/GRIM
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 - ▶ Logout
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 - ▶ Trimble

Logged in as guest



Welcome

Welcome to the Mesa County RTVRN Application!

4 Click Start new order

rtvrn.mesacounty.us/MemberPages/RefDataShop/Overview.aspx

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Mesa County RTVRN

Home > Reference Data Shop

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Logged in as guest

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

Start new order

Not yet downloaded orders: ▼

No.	Request time (local time)	Items	Status	File size	Action
-----	---------------------------	-------	--------	-----------	--------

5 Click "Continuously Operating Reference Station (CORS)"

rtvrn.mesacounty.us/MemberPages/RefDataShop/StationType.aspx?OrderID=-1

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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

Logged in as guest

6 Select a Base Station either on the map or in the box on the right of the screen.

rtvrn.mesacounty.us/MemberPages/RefDataShop/ReferenceStations.aspx?OrderID=-1

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Reference Data Shop - Reference Stations

Choose one or more reference stations by clicking in the list or in the map. If you want to select multiple stations from the list, press and hold down the CTRL key and click with the mouse.

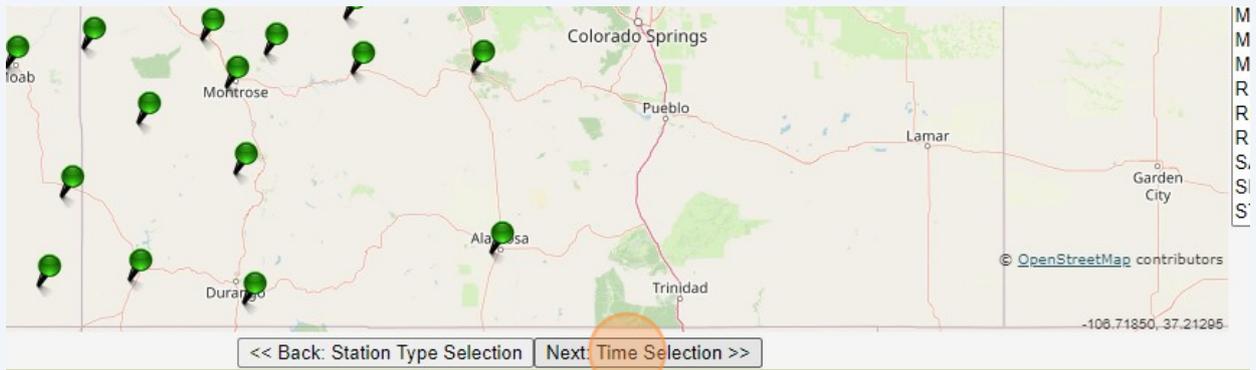
Available Reference Stations

- CNC1_Rangley
- COA1_Aspen
- COAL_Alamosa
- COCO_Cortez
- CT14_Durango
- EC01_Eagle
- EPP1_Craig
- GC01_Gunnison
- GSC1_Glenwood Sprin
- MC01_FireStation2
- MC02_Landfill
- MC03_Fruita
- MC04_Gateway
- MC05_Delta
- MC06_Mack
- MC07_Debeque
- MC08_Collbran
- MC09_Nucla
- MC10_Montrose
- R301_CDOT_Crawford
- RBC1_Meeker
- RC01_Rifle
- SA01_Salida
- SE01_Carbondale
- STBT_Steamboat Sprin

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

MESA COUNTY HOME MESA COUNTY GPS/SURVEY MESA COUNTY GIS MAPS © COPYRIGHT 2024, TRIMBLE INC.

7 Click "Next: Time Selection>>"



HOME MESA COUNTY GPS/SURVEY MESA COUNTY GIS MAPS © COPYRIGHT 2024, TRIMBLE INC.

8 Select the Date and time of the observation period. This is GPS/UTC time so make the adjustment -7 for MST and -6 for MDT



Reference Data Shop - Date & Time Selection

You have selected the following reference station(s):

(MC02) MC02_Landfill

Please enter your desired observation period:

Observation Period	
Date:	2/28/2024 <input type="button" value="v"/>
Start time:	13 h 0 m 0 s
Duration:	0 h 30 m
Interval:	15 s
Time system:	GPS

<< Back: Reference Stations Next: Add to order >>

9 Select the interval for the static data

- ▶ Position Scatter Plot
- ▶ Status Messages
- ▼ **Network Information**
 - ▶ I95 Ionosphere
 - ▶ IRIM/GRIM
- ▶ Reference Data Shop
- ▼ **My Account**
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 - ▶ Logout
- ▼ External Links
 - ▶ Trimble

Logged in as guest



(MC02) MC02_Landfill

Please enter your desired observation period:

Observation Period			
Date:	2/27/2024	▼	
Start time:	12	h 0	m 0 s
Duration:	0	h 30	m
Interval:	15	▼ s	
Time system:	1	▼	
	2	▼	
	5	▼	
	10	▼	
	15	▼	
	20	▼	
	30	▼	
	60	▼	

<< Back: Reference Stations Next: Add to order >>

10 Click here

- ▶ Messages
- ▼ **Network Information**
 - ▶ I95 Ionosphere
 - ▶ IRIM/GRIM
- ▶ Reference Data Shop
- ▼ **My Account**
 - ▶ Personal Data
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- ▼ External Links
 - ▶ Trimble

Logged in as guest



(MC02) MC02_Landfill

Please enter your desired observation period:

Observation Period			
Date:	2/27/2024	▼	
Start time:	12	h 0	m 0 s
Duration:	1	h 30	m
Interval:	5	▼ s	
Time system:	GPS		

<< Back: Reference Stations Next: Add to order >>

11 Check the box of the station.

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Logged in as guest

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.

	Station	Start time	End time	Duration (min.)	Interval (sec.)
<input type="checkbox"/>	(MC02) MC02_Landfill	2/27/2024 12:00 PM	2/27/2024 1:30 PM	90	5
Total:				90	

Applying to selected item:

Login used for this order: guest

* Note: The displayed price is just an estimate. The true price may change due to missing epochs or overlapping contract items in your subscription.

All times are in the GPS time system.

12 Click "Next: Delivery Options>>"

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*
(MC02) MC02_Landfill	2/27/2024 12:00 PM	2/27/2024 1:30 PM	90	5	1080	0.00 \$
Total:			90		1080	0.00 \$

Applying to selected item:

Login used for this order: guest

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 are in the GPS time system.

13 Select the Static data format.

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

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

- RINEX 2.11
- RINEX 2.10
- RINEX 3.02
- RINEX 3.03
- RINEX 3.04
- DAT
- TGD
- T01
- T02

Next: Generate Data >>

14 Click "Next: Generate Data>>"

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

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

RINEX 2.11

<< Back: Current Order Next: Generate Data >>

15 Click "Next: Order Details>>"

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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 >>

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Logged in as guest

16 Select the order check box.

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Reference Data Shop - Order #1

The following order items have been generated. You may view the details of each item, remove single items from the order.

	Station	Start time	End time	Duration (min.)	Interval (min.)
<input checked="" type="checkbox"/>	(MC02) MC02_Landfill	2/27/2024 12:00 PM	2/27/2024 1:30 PM	90	5
Total:				90	

Applying to selected item: [Details](#) [Remove](#)

By downloading the order you will be charged the above total price.

Login used for this order: guest

[^ Back to Overview](#) [Cancel order](#) [Send by e-mail](#) [Download](#)

All times are in the GPS time system.

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▶ External Links
 ▶ Trimble

Logged in as guest

17 Click "Download"

Following order items have been generated. You may view the details of each item, remove single items from the order or finally submit the order and download the w

Station	Start time	End time	Duration (min.)	Interval (sec.)	Epochs req./ available	Eff. Minu
(MC02) MC02_Landfill	2/27/2024 12:00 PM	2/27/2024 1:30 PM	90	5	1080 / 1080	90
Total:			90		1080 / 1080	90

Click on selected item: [Details](#) [Remove](#)

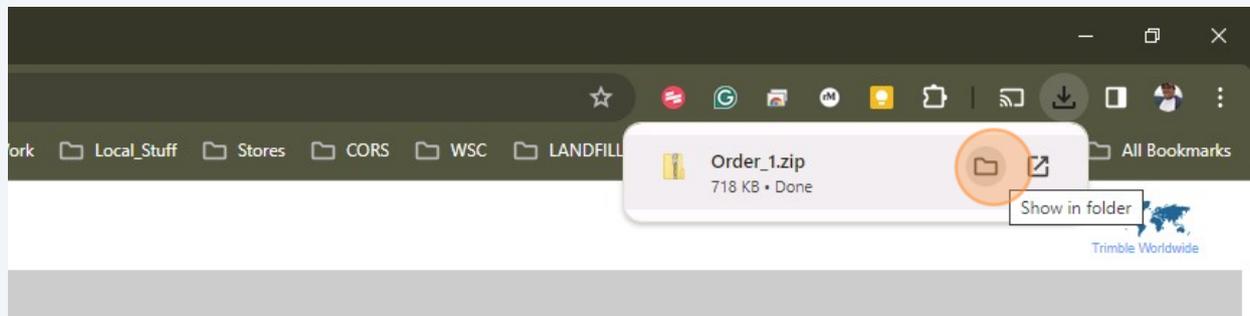
When downloading the order you will be charged the above total price.

Used for this order: guest

[Click to Overview](#) [Cancel order](#) [Send by e-mail](#) [Download](#)

Times are in the GPS time system.

18 It will be sent to you download folder.



Download the whole package.

Eff. Minutes	Price
90	0.00 \$
90	0.00 \$