

Setting Your GPS Receiver to Display VT State Plane Coordinates (VCS)

Please note that you may have to “interpret” these directions in order to make them work for your unit (there are many different kinds of units with slightly different menus and choices...)

1. Setting up a user grid on a Garmin GPS unit:

Objective: to set up the display for VT State plane coordinates

- In Main Menu choose Setup
- In the Setup Menu, choose Units
- Under Position Format select *User Grid* or *User UTM Grid*, then set the following -
 - *Longitude Origin:* W072°30.000'(W 72.50 in Decimal Degrees)
 - *Scale:* 0.9999643
 - *False Easting:* 500000.0 mt
 - *False Northing:* -4707007.8 mt
- Make sure Map Datum (also in the Units area) is set to NAD83

2. Setting up a user grid on a Magellan GPS unit:

Objective: to set up the display for VT State plane coordinates

- In the /Setup menu, Coordinate system option, choose Primary or Secondary, select User Grid. Use these parameters:
 - Projection: Transverse Mercator
 - Latitude of origin: 42.5 (42°30')
 - Longitude of origin: 72.5 (72°30') West or -72.5
 - Scale factor: 0.9999643
 - Units to meters conversion: 1.000 (default)
 - False easting at origin: 500000 m
 - False northing at origin: 0.0 (or if lat of origin not available, use a false northing of 4707007.837)
- In the /Setup menu, Datum option, select NAD83

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