

ITRF 00
Maine Technical Source
Syracuse, New York
SMTS

Antenna Reference Point(ARP):

ITRF00 POSITION (EPOCH 1997.0)

Computed by NGS with OPUS on 05/07/02 w/ 10 days of data between 4/15-26/02

X = 1120400.826 m latitude = 43 4 6.42155 N
Y = -4530367.436 m longitude = 76 6 32.25349 W
Z = 4333144.553 m ellipsoid height = 123.587 m

ITRF00 VELOCITY

Predicted with HTDP

VX = -0.01753 m/yr northward = 0.00385 m/yr
VY = -0.00180 m/yr eastward = -0.01745 m/yr
VZ = 0.00298 m/yr upward = 0.00024 m/yr

NAD_83 POSITION (CORS96) (EPOCH 2002.0)

Computed by NGS with OPUS on 05/07/02 w/ 10 days of data between 4/15-26/02

X = 1120401.369 m latitude = 43 4 6.39051 N
Y = -4530368.858 m longitude = 76 6 32.24527 W
Z = 4333144.656 m ellipsoid height = 124.761 m

NAD_83 VELOCITY

Predicted with HTDP

VX = 0.00000 m/yr northward = 0.00000 m/yr
VY = 0.00000 m/yr eastward = 0.00000 m/yr
VZ = 0.00000 m/yr upward = 0.00000 m/yr

L1 Phase Center of the current GPS antenna:

Trimble L1/L2 Micro Centered Compact Geodetic with Ground Plane
Antenna Code = TRM33429.00+GP

The L2 phase center is 0.0037 m below the L1 phase center.

ITRF00 POSITION (EPOCH 1997.0)

Computed by NGS with OPUS on 05/07/02 w/ 10 days of data between 4/15-26/02

X = 1120400.839 m latitude = 43 4 6.42155 N
Y = -4530367.488 m longitude = 76 6 32.25349 W
Z = 4333144.604 m ellipsoid height = 123.661 m

The ITRF00 VELOCITY of the L1 PC is the same as that for the ARP.

NAD_83 POSITION (CORS96) (EPOCH 2002.0)

Computed by NGS with OPUS on 05/07/02 w/ 10 days of data between 4/15-26/02

X = 1120401.383 m latitude = 43 4 6.39051 N
Y = -4530368.911 m longitude = 76 6 32.24527 W
Z = 4333144.706 m ellipsoid height = 124.835 m

The NAD_83 VELOCITY of the L1 PC is the same as that for the ARP.