

\*\*\*ITRF 00\*\*\*

MODOT NEVADA (MONE), MISSOURI

Retrieved from NGS DataBase on 12/16/10 at 11:23:53.

Antenna Reference Point(ARP): MODOT NEVADA CORS ARP

-----  
PID = DM4686

## ITRF00 POSITION (EPOCH 1997.0)

Computed in Dec. 2010 using 11 days of data.

X =	-382373.150 m	latitude	=	37 51 56.74439 N
Y =	-5027242.692 m	longitude	=	094 20 58.39611 W
Z =	3893827.880 m	ellipsoid height	=	221.241 m

## ITRF00 VELOCITY

Predicted with HTDP\_3.0 Dec. 2010.

VX =	-0.0145 m/yr	northward	=	-0.0039 m/yr
VY =	-0.0008 m/yr	eastward	=	-0.0144 m/yr
VZ =	-0.0035 m/yr	upward	=	-0.0007 m/yr

## NAD\_83 (CORS96) POSITION (EPOCH 2002.0)

Transformed from ITRF00 (epoch 1997.0) position in Dec. 2010.

X =	-382372.606 m	latitude	=	37 51 56.71994 N
Y =	-5027244.083 m	longitude	=	094 20 58.36961 W
Z =	3893827.972 m	ellipsoid height	=	222.360 m

## NAD\_83 (CORS96) VELOCITY

Transformed from ITRF00 velocity in Dec. 2010.

VX =	0.0018 m/yr	northward	=	-0.0001 m/yr
VY =	0.0006 m/yr	eastward	=	0.0017 m/yr
VZ =	-0.0007 m/yr	upward	=	-0.0010 m/yr

L1 Phase Center of the current GPS antenna: MODOT NEVADA CORS L1 PC C

-----  
The CONVERTED FROM ABSOLUTE igs05\_1480.atx antenna

(Antenna Code = TRM57971.00 NONE) was installed on 08/02/09.

The L2 phase center is 0.020 m below the L1 phase center.

PID = DM4687

## ITRF00 POSITION (EPOCH 1997.0)

Computed in Dec. 2010 using 11 days of data.

X =	-382373.155 m	latitude	=	37 51 56.74441 N
Y =	-5027242.759 m	longitude	=	094 20 58.39611 W
Z =	3893827.933 m	ellipsoid height	=	221.327 m

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

## NAD\_83 (CORS96) POSITION (EPOCH 2002.0)

Transformed from ITRF00 (epoch 1997.0) position in Dec. 2010.

X =	-382372.611 m	latitude	=	37 51 56.71996 N
Y =	-5027244.150 m	longitude	=	094 20 58.36960 W
Z =	3893828.025 m	ellipsoid height	=	222.445 m

