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ADJUSTING for your ZENITH satellite

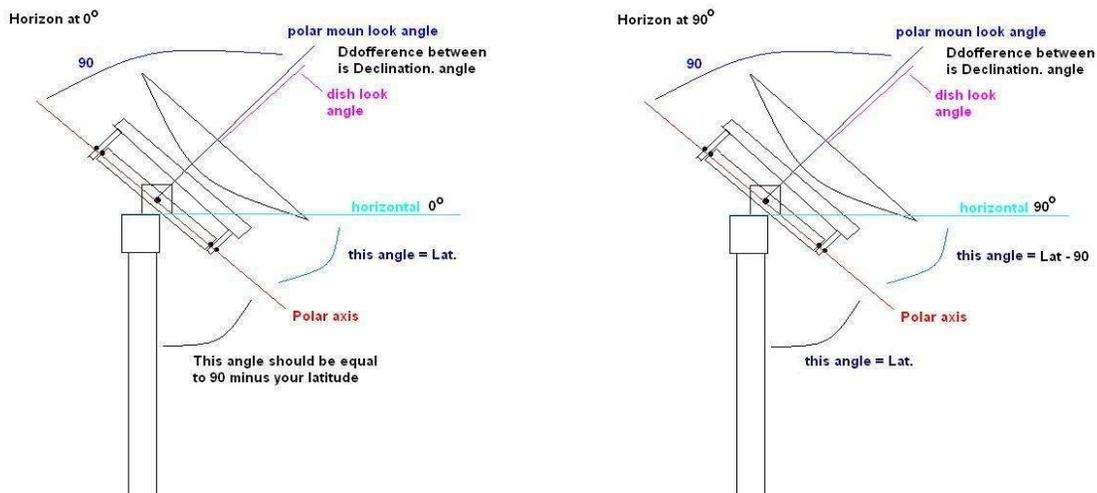
Zenith is the highest point, from your horizon, to the satellite arc.
This will always be to your true south, if you're in the northern lats.
It will be true north if you're in the southern latitudes.

In the following, "drive your dish" means use the actuator, or other device you use to rotate your dish about the polar axis.

From here on, North and South can be inter-changed, along with East and West.

Drive your dish to the center of its rotation on the polar axis.

Adjust your Polar Axis angle according to your Latitude and the following fig.



Note: again - Your horizon can be 90 or 0.
Either is correct, just the reference is different.
If your horizon is measured as 90 degrees-
Adjust Polar axis angle to 90 minus your latitude ,

IE: lat = 40 90 - 40 =50 Polar axis angle = 50 degrees

Adjust it to latitude if your horizon is 0 degrees.