

Re: Aiming Satellite Dish

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- *From:* Yukio YANO <yano@xxxxxxx>
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Yukio YANO wrote:

Buck Turgidson wrote:

My neighbor just removed a giant tree, so I think I can now get a dish. A few years ago, I remember that there was a website in which you put your lat/long (or zip code), and it would tell you the date and time and which the sun would be in the same spot as the satellite, for aiming purposes.

Does anyone know if this website still exists? I searched high and low and can't find it. Thanks.

Go to USNO and find link to Altitude and Azimuth of the Sun and Moon
USNO = United States Naval Observatory. About 3/4 of a page down on the Home Page

I use this Site regularly , last time I used it and Google Earth to calculate the height of a local Cell Tower, Used Google Earth "RULER" to measure distance from tower, to where I stood when the sun was shining through the top of the tower, noted the time of day and found the altitude angle of the sun and multiplied the distance from the Tower with the TAN of the Sun Angle.

When I was Camping this Summer I used the Azimuth of the Sun to locate my satellite Dish to point through an opening between trees at 12:10 Local Time. So I am quite familiar with your situation.

Only problem to note!! If your dish is mounted "Too Low" signal reflections from the ground can cause mysterious NULLS in the Signal.

I know I had the "Right" Azimuth, so moving the Dish UP solved the Problem.

Yukio YANO

<http://aa.usno.navy.mil/data/>