

Black Holes in the Air

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Article about **Black Holes** in the Air was published in Antentop Magazine

http://www.antentop.org/black_holes.htm. As I mentioned there I did not observe Black Holes in the Air. At those times I say no. Times lasts.

...It happened in March- 2013. I do not remember exactly day because my paper about the observation was lost at one of my moving. Anyway I remember hour when it happened. It was at 21.00.

I went to my shack and turned on a computer (to do some routine). Straight away I turned on my lovely tube receiver HALICRAFTERS S- 85. (I have a habit to listen receiver when I do some work.) At that time the receiver was tuned to 640- kHz, I listen to Coast – to- Coast Radio. So, I turned on receiver to listen the radio. However several minutes past but receiver was silent.

I turned frequency dial around all MW Band. There was only a noise no any station. I switched MW Band to SW one. It was the same story- roar and noise, no stations on the bands. I thought that something wrong happened with the receiver or my antennas. I turned on my transceiver IC-718. It was no reception on HF-Bands. I pressed transmit and checked SWR on the HF bands. SWR was ok. FSM (I used MFJ- 801) as well showed that everything okay.

I went outdoor check antennas. There was very strong mist. Antennas visually were okay. I returned to shack and turned on VHF FM Receiver. Yes, I can hear FM stations however with some strange distortions. Cable TV and Internet worked well. I tried to found some information on the phenomena in the internet. Only found that there were solar flares. While I went around and checked internet the HALICRAFTERS began to be alive. Something from far I began hear stations, through several minutes reception on MW and HF-Bands was as usual.

What I observed at that day- it was almost full blackout on MW and HF for near 40- minutes.

At that times I used Helical HF Antenna (**Helical Antenna for the 20- meter Band**, http://www.antentop.org/017/va3znw_017.htm)

and L- HF Antenna (**Simple Broadband Antenna for the 40- meter Band**,

http://www.antentop.org/018/simple_40m_antenna_018.htm

Now I use to a Beverage Antenna at my ham station VA3ZNW. What is interesting I discovered significant improvement of reception during a heavy snowfall, snow with rain, and at light rain. This effect was observed at evening and night time (because usually I do not hamming at day- I am at my work). At the weather the noise in the Air drops down and propagation to Europe go up at 160, 80 and 40- meter Bands. This effect does not connect with solar conditions. When weather would improve the propagation disappeared. It does not connect with Black Holes, just observation...

73! VA3ZNW



Helical Antenna in Winter Time