



Mike Shy

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Sink Holes - Buried Alive
Salvation Army - Norridge
June 14th, 7:30 PM



In Tampa, Florida, in February 2013, a giant hole opened up under the bedroom floor of Jeffrey Bush, swallowing the 36 year-old as he slept. His body was never found. Bush was a victim of a sinkhole - a growing worldwide hazard that lurks wherever limestone and other water-soluble rocks underpin the soil. When carbon dioxide in the air dissolves in rainwater, it forms a weak acid that attacks the soft rocks, riddling them with holes like Swiss cheese. Sinkholes can occur gradually when the surface subsides into bowl shaped depressions; or suddenly, when the ground gives way - often catastrophically. Sinkholes have swallowed highways, apartment buildings, horses, camels, and even golfers with monster-size holes cracking the earth from Siberia to Louisiana. Filled with compelling eyewitness video of dramatic collapses, and following scientists as they explore the underlying forces behind these natural disasters, NOVA travels the globe to investigate what it's like to have your world vanish beneath your feet.

President's Message

Well I am back from the Dayton (Xenia) Hamfest, or should I say Rainfest.

The flea market was much better as far as rain control since they put down traffic lanes of what appeared to be loose asphalt to work and drive on. We have a canopy to keep us dry and it worked alright for what it is. On the second day the fire department came by in the late afternoon and rushed us out because a lightning storm was heading right for us. I heard people in the buildings were going to be locked down when it hits. I thought it was amazing how fast we packed up and got out of there. I never saw the storm, but we left going away perpendicular to the storm which must not have been that wide.

Sunday was bright and sunny and very pleasant, though the flea market was not very populated.

My big purchase was another Baofeng 5uv-5r7w. It was marked as 8 watts by the factory, but the seller sold it as a 7 watt radio saying that was more truthful. I measured it at 7 watts on 2 meters and 7.5 watts on 70cm. It came with a 3.8 ah battery too. It cost \$32 and I purchased a gain antenna for \$6 and it works great on CFAR. My 5 watt unit puts out 4 watts on e and 5 watts on 70 cm.

I use Chirp to program it. If we have time at the end of the meeting next week I can show you how to use Chirp.

73 Mike de WA9EVF

SRO Notes for April 12, 2018 (Or: *Lunar Colonoscopy*)

By Jim Hawes AA9DT

TONIGHT'S MEETING. Set your chronometers to 20:00. Like Edward McCauley on Men Into Space, Mike Leibovitz WA9EVF commands Space Ship SRO. The ship touches down in Norridge.



TREASURER'S REPORT. We have money. Yet we hope that none of it is in the form of Space Dollars. (Space Dollars, no relation to Bitcoin, were once an offering of Rocky Jones, Space Ranger.)

TONIGHT'S PRESENTATION. I bring a video about Project Mercury. But the DVD software on WA9EVF's computer decides to go all meshuga. The top page of the video refuses to load. All we can see is a long menu of perplexing and nondescript video files. We consider our options: (1) Play Frisbee with the DVD. Or (2) Invoke the Rule of the Rubber Mallet upon the computer. Instead, we choose (3). Running rings around the table, we chant the SRO digital mantra: Int—alpha—equals—one—zero—one—zero—one—zero—semicolon—<Carriage—return>!

LRO HI-DE-HO. While having no detectable effect, these incantations satiate the pansophic digital actuality. Translation: Someone offers a thumb drive with short videos about the Lunar Reconnaissance Orbiter. This is the satellite which we know affectionately as LRO. Here are highlights of the LRO video...

EIGHTEEN HOLES, BUT NO GOLF. The LRO provides new, high-resolution views of astronomers' favorite lunar landmarks. Many of the craters are so deep that they're in permanent shadow. For example, Shackleton Crater on the lunar south pole, which is 4 km deep, nearly 2.5 miles. LRO researchers now believe that water ice might exist at the bottom of the crater. Other craters are far deeper still. They may conceal even more mysteries. By comparison with Aitken Basin, Shackleton is a mere divot. Aitken descends to 13 km, making it one of the Solar System's deepest impact craters. (That's eight miles down, equal to eight Grand Canyons!) From Earth, we can't even see the crater. Aitken's on the dark side of the moon. Perhaps Aitken is the reason why NASA forbids astronauts to pack bananas in their lunches. Slip on the peel and you'll have an Aitken back! (That was in-crate-able.)

MOVING ON to the southern lunar highlands, the orbiter spots Tycho Crater. Tycho is 4.8 km deep and 85 meters wide. Inside is a 2.5 km high peak. Tycho is a relatively young crater, maybe only 100 million years old. Its youth is obvious because many of the rays from this crater remain intact. If the crater were older, micrometeorites would have pulverized this ejecta. Scientists dated Tycho by counting the number of impact craters within and atop Tycho.

SHINY OBJECT. Aristarchus Plateau is a crater on the northwest of the Moon's visible face. Here, scientists think that they see evidence of volcanic activity. Aristarchus is an extremely contrasty feature of the Moon. While some rocks in this unusual crater appear coal-dark, other rocks are astonishingly bright.

APOLLO 17. The LRO also flew over the Apollo 17 site, plus other U.S. moon mission locations. The satellite photographed each location, providing documentary evidence of the landings.

USEFUL LINKS.

- + For more lunar videos, see www.documentarytube.net
- + Aristarchus, LRO views at: goo.gl/HXr1mA
- + Lander views of Apollo landing sites at: goo.gl/ZrokXt
- + Tycho Crater: goo.gl/ggYUGx
- + Aristarchus Plateau: goo.gl/f93HXS

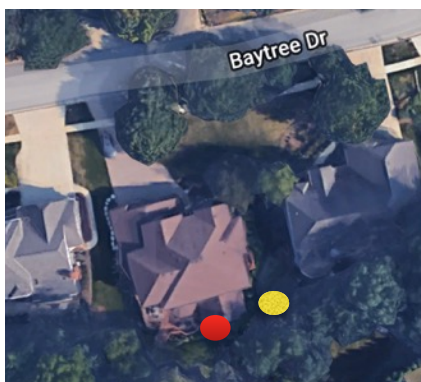
Foxhunt

CFAR 2M Foxhunt -
May 5th, 2018 by Mike WA9FTS -
Fox Matt KC9SEM, Patty N9PLS
& Mike WA9FTS



Spring finally was here as the temp was in the 70s. No wind a a very blue sky - perfect!. Matt and Patty picked the home of Matt's cousin in Bartlett. We set up the radio on the back patio running about 160w to a J-Pole secured to a nearby tree up about 15 ft. The homeowners, Bill and cousin Chris joined us on the patio. With 4 hunt teams, the hunt started at 8:06PM. Jacob and Mac played with Bill & Chris' two kids in the back yard during the hunt with glow sticks when it got dark. First to arrive by spotting the bullseye was Tom who came around for the win. He took Thorndale to 390 to Lake and west past 59 to Naperville Rd and back to 59 and onto Bayside Dr - good move! It was quite a while since the last hunt but Kevin had his kids help get in the area and find us about 6 minutes later for 2nd. Pete, recovering from his gall bladder ordeal, and John K9JK had some problems in the area and it took about 30 min after Kevin to capture 3rd. John WD9EXW and Janet ended the hunt several minutes later. Salad and pizza was served to the tired hunters. Results:

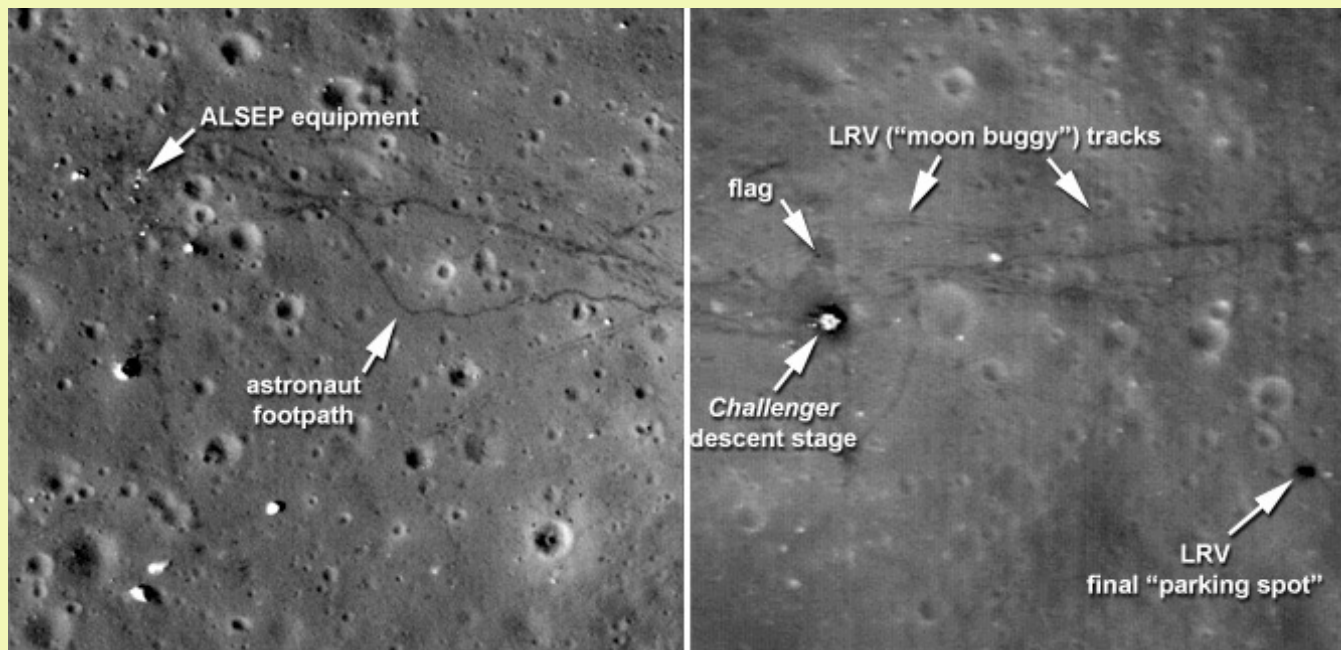
1. Tom N9CBA - 8:53 PM
2. Kevin N9JPG, Mason, Sonya, Abbey KD9BLP, Faith - 8:59PM
3. Pete K9PW, John K9JK
4. John WD9EXW, Janet



Matt, Patty & I set up the station at the red dot & the J-Pole was at the yellow dot.



Man's Marks on the Moon



Meeting Attendance



Regular Meeting
Salvation Army - Norridge
Apr 12, 2018

Mike WA9FTS
Mike WA9EVF
George W9GFH
Jean KB9FXL
Jim AA9DT
Danny KD9HIL
John W9JFS
Bill K8EDS

If you move, let the Editor know your new mailing and email addresses. It is our way of getting Mike Shy to you each time.



CFMC Upcoming Regular Meetings - 16th District Police Station
5151 N Milwaukee Av,
Chicago - Wed Jun27th /
Wed Jul 25- 7:30 PM

Field Day 2018

This month Field day is on the 23rd and 24th. I will be operating from Grid Square DN70 at between 8,000 and 12,000 feet. I'll be mobile on the 23rd around 12,00 ft, and hope to be portable at 8,000 on the 24th.

I will be running 100 watts into a 43ft vertical on the back of my trailer. The trailer is set up for 80 - 2m and 220 MHz. Trailer is self-contained and has 200 amp-hrs of battery power. It can recharge from car or generator. Try operating Field Day your self , it fun!

Hope to hear you on FD

Mike WA9EVF

Foxhunt Report

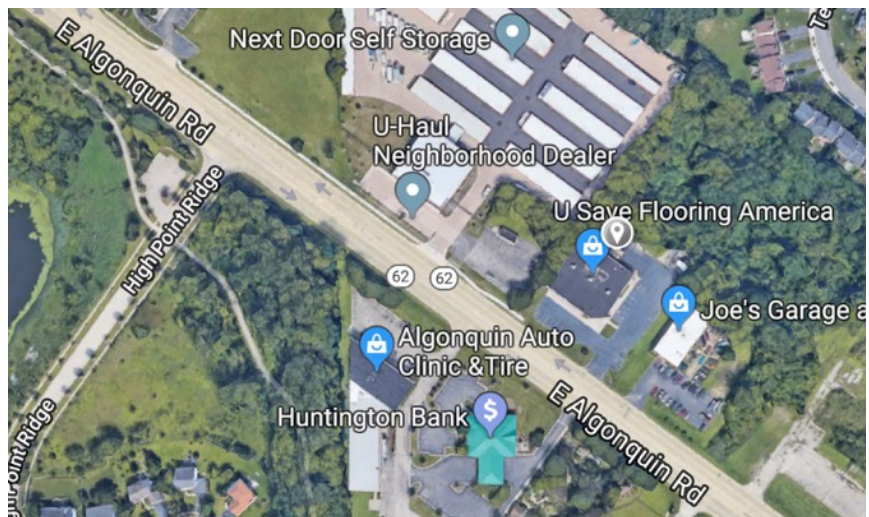


CFAR 2M Foxhunt -

June 2nd, 2018 by Mike WA9FTS -
Fox Tom N9CBA

The rain came early with light drizzle. Tom N9CBA had some problems with his antennas as one collapsed and another did not allow us to hear him. Finally he tried a 5/8 wave vertical that worked. He was running 80W. The signal was still very weak as 5 hunt teams took off to the NW. A number of hunters took 290 to 390 to 31 north. Pete and John took Irving Pk west. Most of the hunters had to get half way to Tom before they had a decent signal to work with. It later became clear that Tom was east of the Fox River and near Algonquin Rd. Tom was finally found across from the Huntington Bank and behind the U Save Flooring America by Tony For the win. Matt got out on foot about a half mile away to get 2nd. Pete and John drove up for third with John and Janet getting 4th. Don wanted to know the munch spot but the Chinese restaurant picked by Tom closed at 10PM. After much discussion, the local IHOP was picked. Results:

- | | |
|---------------------------|---------|
| 1. Tony AA9CC | 2. Matt |
| KC9SEM, Patty N9PLS, Mike | |
| WA9FTS, Jacob, Mac | |
| 3. Pete K9PW, K9JK | 4. John |
| WD9EXW, Janet | DNF Don |
| W9RA | |



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Mike Shy is published 6 times a year by the Society Radio Operators. Deadline is 2 weeks before the meeting. Contributions are welcome & should be sent to the Editor.

Regular Meeting Place

Salvation Army every even month at 7:30 PM unless other-wise indicated in Mike Shy and SRO web site. Check for exact date & time.

Standing Committees

Membership - WA9FTS

Program - AA9DT

Meeting Refresh. - KB9FXL

Foxhunting - WA9FTS

Repeater - K9IQF

Field Day - WA9EVF

Education - WA9EVF

Mike Shy - WA9FTS

Picnic - WA9FTS

Christmas / Hanukkah Party - WA9EVF

Webmaster - WA9FTS

SRO Web Site

www.w9sro.org

Mike Brost - WA9FTS

SRO Repeaters

	In	Out
CFAR (107.2) PL	147.750	147.150
TOOFAR (110.2) PL	223.260	224.860

Repeater Personnel

Trustee - WA9EVF

CFAR Chairman - K9IQF

Site Maintenance

K9IQF, W9RA & W9BEA

Control Operators

K9IQF, TBD

NW Maintenance

W9JEM

Northeast Maintenance

K9IQF & TBD

Lisle Maintenance

W9AEK

Regular meetings - Salvation Army
- 8354 W Foster Av, Norridge

Board Meetings - Every 5th
Thursday

Mike Shy

Mike Brost - WA9FTS - Editor

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First Class Mail



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