

PARC News

Pioneer Amateur Radio Club of Fremont, Nebraska

ARRL Sanctioned HAM FEST

September 10, 2022

Morningside Lutheran
Church Gym, Sioux City, IA
9 a.m. to 2 p.m.

A presentation will be given by Iowa ARRL Section Manager Lelia Garner, WA0UIG. VE testing session. Prizes to be given away include a Yaesu FT-2980 2 meter FM mobile rig, a Diamond X30A 146/446 base antenna, a Baofeng UV-5R dual band FM HT, and a Heil Ham Radio Handbook, 2nd Edition, autographed by Bob Heil.

Admission is \$5.

Flea Market tables are \$10. To reserve flea market tables, or for further information, contact K0UX at tjarman@gmail.com.

Lance WN0L and Jeff Reynolds, NE0DX will be card checking.

KØHW Tailgate

Saturday August 27
8 a.m.—12 p.m.

The Lodge at Brulehof Farm
47527 319th St.
Elk Point SD 57025

Jim Wennblom 605-359-0458
K0HW@arrl.net

No charge for space so bring your items and tables and join Jim.

Coffee and refreshments will be available.

Directions from I-29: Take Exit 26 (Vermillion exit): Go East 4.5 miles on Hwy. 50, turn south onto 475th Ave. turn east onto 319th St, go 1/2 mile to 47527 on the south side of the street.

Editors Note: Its about a 2 hour drive from our place in Colon if your take Hwy 77 or 2 1/2 hours if you take I-29.

Lance and I are planning on going up because Jim is such a good patron of our Flea Market.

PARC

> Meeting

> Hero's Gambinos

> 1900 E. Military

> Fremont, NE

> Thursday

> Aug. 25, 2022

> Fremont, NE

Meet to Eat
At 6 p.m
Meeting at
7 p.m.

Inside this issue:

Minutes	2
Treasurer's Report	2
Solar Update	3
Funny Sayngs	6
Narans' Band	6
Hamfests	6

Our Program This Month

Matt Jones, AL0R, will present
The August program on WinLink.



PIONEER AMATEUR RADIO CLUB MINUTES FOR JULY 28, 2022

The Pioneer Amateur Radio Club Meeting for July 28, 2022, was held at Hero's/Gambino's in Fremont. The meeting was called to order at 7 PM by Vice-President Steve Narans, WB0VNF. Twenty-one people were present, who introduced themselves.

PARC Minutes



PROGRAM: Dodge County Sheriff's Deputy Sgt. Brie Frank.

MINUTES AND TREASURER'S REPORT: Approved as printed in the July *PARC News*. Sharon Martens, KB0TVB commented that the information for the Flea Market is not in yet. She paid Dave Theophilus, W0NRW \$27.19 for Field Day food.

MOTION TO PAY BILLS: None.

HOSPITALITY: KB0TVB sent a card to Dok Doksansky, WA0RHY on the death of his wife Iris. ***(Anybody knowing of somebody needing a card should let KB0TVB know. Her email address is posted on the PARC website.)***

EDUCATION: None.

FIELD DAY: Chairman Tony Renze, K0OMH asked for suggestions for next year. KB0TVB suggested that he talk to Izzak Walton as our contact may be retiring from that position soon. Field Day next year is June 24-25, 2023.

FLEA MARKET: Chairpersons Rich Mehaffey, KB0ARZ and Jane Mehaffey, KB0ZUN were unable to attend the meeting. WB0VNF said the Silent Auction brought in \$506. Next year's event will be held on July 8, 2023.

PICNIC: 530 PM September 25, 2022. Sharon Martens, KB0TVB and Dave Theophilus, W0NRW Chairpersons.

CHRISTMAS PARTY: Linda Kirchmann, W0ZIP and Jane Mehaffey, KB0ZUN Chairpersons. Linda said this year's party will be held at Farmer Browns in Waterloo at 5 PM on December 10.

NET MANAGER: Mel Cunningham, K0VLA passed around sign-up sheets for Net Control. He has 2 openings for Net Control in August.

ARES: WB0VNF said that there will be some CPR training available. He may also schedule a separate ARES meeting.

PUBLICITY: W0NRW reported that the *Fremont Tribune* is printing the meeting notices and the Field Day release.

OLD BUSINESS: Wes Chrisman, KD0PGV said Boy Scouts working on their merit badges will be using the 146.67 MHz repeater looking for contacts, usually on Friday mornings. K0OMH introduced a new member, Tom "Sully" Sullivan, KC6GLD, a retired teacher who has moved into the area.

NEW BUSINESS: KD0PGV said the EchoLink interface to the repeater will be improved. A new antenna for the 146.67 MHz repeater will be installed in the Fall. WB0VNF said the August speaker would be Matt Jones, AL0R on WinLink, and Joe Eisenberg, K0NEB in October on the Dayton Hamvention.

DRAWING: The winner of \$10 was Sharon Martens, KB0TVB.

ADJOURN: The meeting was adjourned at 755 PM.

NEXT MEETING: 7 PM on Thursday, August 25, 2022, at Hero's/Gambino's.

Respectfully submitted, Dave Theophilus, W0NRW

PARC Treasurer's Report

August, 2022

Savings	\$ 348.78
Checking	3,901.27
Petty Cash	30.00
TOTAL	\$4,280.05
INCOME	
Silent Auction	\$ 686.00
TOTAL INCOME	\$ 686.00
EXPENSES:	
Drawing	10.00
Meat for Field Day	\$ 27.19
K0SW Domain Renewal	\$ 21.17
TOTAL EXPENSES	\$ 58.36

NOTE: Flea Market expenses yet to be paid.

The K7RA Solar Update

At 2334 UTC on August 17, the Australian Space Weather Forecast Centre issued a geomagnetic disturbance warning.

"Periods of G1 conditions expected during 19 and 20 Aug due to the combination of coronal hole high speed wind stream and several coronal mass ejections observed in the last few days. There is a chance of isolated periods of G2 over 19 and 20 Aug."

Local TV newscasts here in Seattle noted the possibility of aurora Thursday night, although observers would need to travel to dark areas away from the city for any chance of successful viewing. They recommended using a tripod mounted camera pointed north with a long exposure time. This is good advice, as often the dramatic aurora photos are done this way and viewing with the naked eye you see a much less dramatic image.

Last week we noted increasing solar activity, and it continued. Average daily sunspot numbers increased from 36.6 to 65.4 last week, to 95.6 in the current reporting period, August 11 to 17. Average daily solar flux went from 95.7 to 111.9 last week, and 123.7 this week.

But solar flux values have pulled back in recent days, with a peak of 134.3 at 1700 UTC on August 15, followed by the standard 2000 UTC local noon readings of 128.5, 122.7, and 116.5 on August 16 to 18.

Predicted solar flux is 125 and 120 August 19 and 20, 115 on August 21 to 23, then 110 on August 24 and 25, then 100, 94, 96 and 98 on August 26 to 29, then 100, 108 and 114 on August 30 through September 1, then 116 on September 2 and 3, 112 on September 4, 108 on September 5 and 6, then 115, 120, 124 and 126 on September 7 to 10, 124 on September 11 and 12, then 122, 118, 112, 108 and 102 on September 13 to 17, then 100 on September 18 and 19, and 94 on September 20 to 23, then climbing to 116 at the end of the month.

Predicted planetary A index is 30, 25 and 8 on August 19 to 21, 5 on August 22 to 26, 12 on August 27, 8 on August 28 to 30, 5 on August 31 through September 2, then 24, 28, 18 and 10 on September 3 to 6, and 14, 8, 10 and 8 on September 7 to 10, then 5, 5, 20 and 15 on September 11 to 14, then 12, 12 and 8 on September 15 to 17, and 5 on September 18 to 22, then 12 on September 23, and 8 on September 24 to 26.

OK1HH writes:

"A week ago (since August 12) solar activity started to increase very slowly. Since August 13, the eruptive activity in the active sunspot AR3079 in the southwest of the solar disk has increased. On August 14 it was already possible to predict massive geomagnetic disturbances for August 17 and 18 based on the observed CMEs. The solar wind speed slowly decreased until August 16. In the meantime, eruptive activity increased in AR3078, where moderate strength eruptions were observed daily since 15 August.

The sunspot group AR3078 developed a delta-class magnetic field, continued to grow, and continued to produce medium-sized flares that caused minor shortwave radio blackouts. The strongest eruption to date, an M5 category burst on August 16 at 0758 UTC caused a shortwave radio blackout over the Indian Ocean.

A series of coronal mass ejections (CMEs) added their effect to a possible 'cannibal CME event' (if a second CME could overtake and engulf the first, creating a mishmash of the two). The forecast for a massive geomagnetic disturbance has been extended to August 17 to 19.

Active sunspot AR3078 is producing strong solar flares of class M for the third consecutive day. The most recent, an M2 explosion on 17 August (1345 UT), hurled a plume of cool dark plasma into space.

But like the other CMEs produced by AR3078 this week, this one will pass through the southern edge of Earth's impact zone. So the disturbance won't be as widespread as if the CME had hit Earth directly.

The increased activity on 15 to 17 August caused improved shortwave propagation conditions and a noticeable increase in MUF. The best day was August 17. A significant deterioration and decrease in MUF occurred on 18 August. In the following days, the solar flare activity and the intensity of geomagnetic disturbances start to decrease. A calming trend can be expected after about 22 August."

PARC Officers & Chairpeople

President, Mike Campbell, KEOKAZ
V. President, Steve Narans, WBOVNF
Secretary, Dave Theophilus, WØNRW
Treasurer, Sharon Martens, KBØTVB

BOARD OF DIRECTORS:

Darlene Hoffman NOLOP
Dan Steinhoff, W7UP
Phil Bahl KAQUNB & 2 Officers
Club Trustee: Lance Hoffman, WNOL

COMMITTEE CHAIRS:

Hospitality: Sharon Martens, KBØTVB
Field Day: Tony Renze, K00MH
Flea Market: Rich Mehaffey, KBØARZ
Picnic: Dave Theophilus, WØNRW &
Sharon Martens, KBØTVB
Christmas Party: Linda Kirchmann, WØZIP
Jane Mehaffey, KBØZUN
Publicity: Dave Theophilus, WØNRW
ARES: Steve Narans, WBOVNF
Education: Jane Mehaffey, KBØZUN
Net Manager: Mel Cunningham, KØVLA

Joining Our Organization

MEMBERSHIP DUES:

Yearly: \$10. per member

Family Yearly: \$10 first member,
\$3 each additional member

Paid between Jan. 1—March 1

After March 1, dues are prorated
at \$1 per month for new members.
Previous year member's dues re-
main \$10. whenever paid.

Life Membership: \$200.

Send To:

Sharon Martens, KBØTVB, Treasurer
2316 E. First St.
Fremont, NE 68025

PARC

Darlene Hoffman NOLOP

Editor

2411 Co. Rd 15, Colon, NE 68018

402-628-2038

darleneh@futuretk.com

We're on the web:

KOSW.org

& Facebook

Take A Trip To Arnolds Park To See Narans' Band Play

Congratulations to Steve Narans, WBOVNF on the article on the front page of the August 11 issue of the Fremont Tribune, fremonttribune.com.

The article concerns Steve and the Nebraska All-Star Rock and Roll Band, which he founded 3 years ago. The band will play the Roof Garden in Arnolds Park, IA on August 25th. **Problem is: Its Club Nite.**

Steve is a member of the Pioneer Amateur Radio Club and is also is the ARRL EC for Dodge County, NE *Dave T. WØNRWm PARC Secretary*

Hamfests

9/10/22—SARA Hamfest in Sioux City, IA.

10/15/22—3900 Club Hamboree in Boone, IA

11/19/22—Northeast Nebraska Hamfest, Norfolk NE

For a complete list of Hamfests
www.arrl.org/hamfests-and-conventions-calendar

