



FOX CITIES AMATEUR RADIO CLUB

QSO'ER



<http://www.w9zl.ampr.org/>

Volume14, Issue 24

October 2001

MEETING DATE:

(Always the 3rd Mon. of each month)

MON. October 15TH

BOARD MEETING DATE:

(Always the 4th Mon. of each month)

MON. OCTOBER 22TH

All FCARC meetings are held at the Appleton Columbus Club – 2531 N. Richmond Street and start at 7:00 PM

ALL ARE WELCOME TO ATTEND ANY MEETING!

Next Program will be on VHF/UHF Packet Radio presented by Sysops of the area packet network.

KB9ALN Andy Nemecek Green Bay BBS/NOAA BBS
KB9BYQ Al Van Dynhoven Appleton BBS/Nodes
KE9LZ Steve McDonough Green Bay Nodes
KB9QWC Aaron Heise Waupaca BBS

INSIDE THIS ISSUE

- 1 Club Information
- 2 Meeting Attendance, Elmers Listing Updated Webpage
- 3 Board Meeting Discussion, Hamdinger Net
- 4 "GROUND ZERO" NYC
- 5 "GROUND ZERO" NYC Continued
- 6 JOTA, Salvation Army Still Needs Ham Volunteers in New York City
- 7 WI Amateur Radio Antenna Bill, New Simplex Repeater, P.A.S.S. Info., Upcoming Testing Dates
- 8 Propagation Forecast Bulletin 41 ARLP041

Meeting Minutes

The meeting was called to order on the 17th of September 2001 by Brian Long KB9LRD at 7:05PM. All meeting minutes were approved as listed in the newsletter. Kirk Benson HN6PK from Greenbay reserves gave a talk on MARS(Military Affiliated Radio Ststym). Meeting was adjourned at 8:15 PM.

The FCARC auction was held.

FCARC OFFICERS

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Chuck Hanson N9OEQ
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Editors note:

Remember anything you would like published in your newsletter must be submitted to Al KB9BYQ by the 1st of each month.

Club Meeting Attendants

Kirk Benson	HN6PK
William Vincent	N9TNW
Al Van Dynhoven	KB9BYQ
Judy Van Dynhoven	KC9ACT
Steve Lamers	N9SGG
Dave Sprangers	N9ZHZ
Steve Pelletier	KB9OAL
Chuck Hanson	N9OEQ
Brian Long	KB9LRD
Jon Oldenburg	AB9AH
Maury Mead	W9FBC
Gerry Radtke	WA9GON
Judy Schneider	N9PBM
Don Quinn	W9OVK
John Ensley	N9RJZ
Greg Schneider	W9IEI
Rick Mandel	KB9LRE
Richard Sonnenberg	W9UVZ
Aaron Heise	KB9QWC
Eric Bjorkquist	KG8RF
Wayne Pennings	WD9FLJ
Gary Keating	ND9Z
Fred Tegge	N9FT
Ric Kosiorek	W9RIC
David Wahl	KB9WAF
Mark Heimmermann	KF9CS

Board Meeting Attendants

Jon Oldenburg	AB9AH
Steve Lamers	N9SGG
Al Van Dynhoven	KB9BYQ
Judy Van Dynhoven	KC9ACT
Brian Long	KB9LRD
Chuck Hanson	N9OEQ
Steve Pelletier	KB9OAL
Bill Vincent	N9TNW
John Ensley	N9RJZ
Don Quinn	W9OVK
Dan Vanevenhoven	N9LVS

***Please note future board meetings will be held at a new location the Appleton Columbus Club (upstairs)**



ELMER'S CONTACT LIST

This is a listing of HAMS that are willing to help other HAMS out in special areas. Feel free to contact these fellow HAMS with any questions.

<u>CALL /NAME</u>	<u>SPECIALTY AREA</u>	<u>PHONE</u>
KB9OAL/Steve	APRS	734-9547
W9OVK/Don	CW	725-2524
W9ZC/Bob	Tech.Code	725-7974
N9OEQ/Chuck	HF&VHF Digital Modes	788-5497
W9RIC/Rick	Repeaters,Antennas, HF&VHF	735-9565
N9TNW/Bill	HF & Satellite	739-6827

If you would like to be included on this list, contact any one of the board members.

Board Meeting Topics Discussed

At the September board meeting, the following was discussed.
Meeting was called to order at 7:00 PM



OLD BUSINESS:

- There have not been any volunteers for program director as of yet. This will be continued to be announced at the meetings until someone steps up for this position.
- Expense form will be available on FCARC website and at any FCARC meeting.
- Steve Lamers N9SGG will send out an e-mail announcement that the QSO'er is available on the website. There will be a three month trial and then the issue will be re visited. This will be presented as anyone wanting to save the club money and get copy earlier to go electronic. We will always have the printed copy available and copies at the meetings.
- EC Resources donation estimation of \$1700.00. Thank you to Dick W9UVZ. This donation originated from Appleton Electronics.

NEW BUSINESS:

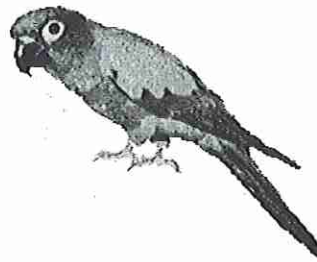
- JOTA volunteers requested by Jon Oldenburg AB9AH. Oct. 11 at the Appleton VFW Post some hams are needed to do a demo of UHF and VHF and CW. Also needed are some hams to have the troop over to see their ham shacks. Steve N9SGG will present Packet, Al KB9BYQ Skywarn.
- Dan Vanevenhoven N9LVS brought the post card for mass mailing with the FCARC art work on it. He had a diskette with the information and it was given to Judy KC9ACT to be printed out. The post card will be used for the mailing of approximately 400 hams in the area. Jon AB9AH will look into if we could do a bulk mailing rate.
- Possible subject for next club meeting will be on packet presented by Al KB9BYQ and a few other volunteers.
- John Ensley N9RJZ suggested to change the auction date. It should not be so close to the swapfest date. Suggested to be possibly in the summer with the picnic.
- John Ensley N9RJZ - Swapfest going well. There will advertising on community channels, posters, fliers available at the next club meeting, sending info. to other clubs. He submitted an estimated budget for the swapfest.
- John N9RJZ – noted that there will be two different color tickets for the raffle and admission. This will aide in better determining the FCARC profits from admission and/or raffle.

Meeting was adjourned at 7:40 PM

Fox Cities Amateur Radio Club W9ZL
Invites everyone and anyone to check in at the
HAMDINGER NET
145.330/R 100hz PL
Wednesday evenings at 7:30pm
Everyone is welcome to check in!
It is an open forum anything can be discussed.

**Wisconsin's Amateur Radio antenna (PRB-1)
bill AB-368**

Wisconsin PRB-1 bill clears committee:
**Wisconsin's Amateur Radio antenna (PRB-1)
bill AB-368** this week was voted out of
committee for Assembly floor action. AB-368
will be taken up in full session on October 2,
according to Cari Lee, aide to Rep Luther Olsen,
who has taken charge of AB-368 in the
Assembly following the resignation of Rep Joan
Wade, the bill's original sponsor
.--Jim Romelfanger, K9ZZ
ARRL Letter No. 39, September 28, 2001



New Simplex Repeater

New Simplex repeater provided by Peter Veach
N9QZD at 1282.2 GIG. Look for changes in the
future of a negative off set of 12 for duplex
repeater.

Club Website

<http://www.w9zl.ampr.org/>

Any suggested changes/additions for the web page need to be submitted to Steve Lamers -
stevel@itol.com. Suggestions will be brought before the board pending approval.

Upcoming Testing Locations/Dates

EAU CLAIRE, WI

EAU CLAIRE AMATEUR RADIO CLUB

October 20, 2001, January 19, 2002: 9 a.m. to 11:30 a.m. South Middle School, North East Side Door 7, 2115
Mitscher Ave., Eau Claire. Walkins welcome. Examination session coordinator: Steve Bluem, KA9OMY,
ka9omy@arrl.net Telephone: 715.839.6509. Sponsored by the Eau Claire Amateur Radio Club.
Web page: <http://www.ecarc.org>, Email: w9eau@ecarc.org

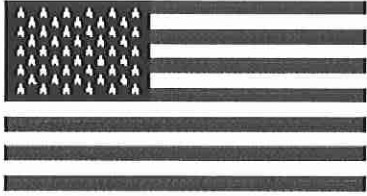
TOMAHAWK, WI

Last Saturday of every month, January thru October. Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No
advance registration required, but appointment would be appreciated. Registration at 8:30 a.m. and testing starts at 9:00
a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway
8, Tomahawk

OSHKOSH (OMRO)

The Oshkosh VE Team will administer Amateur Radio exams monthly on the first Saturday. Registration begins at 8:30 a.m.
and exams will be given from 9 a.m. until noon at the Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins
welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE,
etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The
exam fee is \$6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail lemme@vbe.com, or
write Dick at 826 Jefferson Street, Ohkosh, WI 54901.

**NOTE: Greenbay P.A.S.S Net will be held once a month rather than twice a
month during the winter months.**



"GROUND ZERO" NYC
By Fred Stevens, K2FRD
Thursday, September 27, 2001 6:08 AM



This report will be brief (sort of): I just got off from a 23-hour duty shift (36 total hours since I last saw a bed yesterday (Mon 24 Sep) and have been sleeping ever since (it's now 1115 EDT on Tues 25 Sep). I return to duty this evening at 8 PM for the graveyard shift. However, many hams have inquired about what the volunteer hams have been doing during the World Trade Center disaster relief effort. The following is intentionally vague for security reasons although you can fill in the blanks by watching CNN or reading TIME

I arrived at the Brooklyn Chapter of the American Red Cross about 1145 on Sunday 23 September after receiving my activation orders the night before. In short order, I was assigned to "Ground Zero" (the impacted area of the terrorist attacks) because of my experience with communications in adverse situations; technically, this is my third war with Vietnam and Grenada providing previous combat communications experience.

My duty station is called ******, located about 100 yards from "The Pile" in the middle of "Ground Zero" (now an official name), a secured perimeter centered around the World Trade Center disaster site and roughly two-thirds mile square (I'm guessing). After orientation, issuance of an ID tag, and retrieving and compacting my radio gear from my car, we (3 of us) were transported by Red Cross vehicle through several checkpoints and through the final blockade to our respective duty locations. *****'s raison d'etre is to provide a break: food, rest, light entertainment, and messaging for the emergency workers, policemen, fireman, and other personnel working in the zone. We ham operators provide primary and back-up comms for anyone who needs to pass traffic; cell phones are also working, but the area's commercial land-line phone service still being restored. The amateur radio National Traffic System enables us to pass traffic to anywhere in the world. I am the only ham operator at *****; during each 12- 14-hour shift, there are two or three other operators offering comparable services within the zone at other service sites. As phone service is restored, more operators will be freed for 8-hour shifts ("tricks") starting tonight. We expect to be deactivated sometime this week when phone service is restored to the degree that we are no longer needed.

"The Pile" (the rubble pile remains of the Twin Towers of the WTC is about 100 to 200 yards from my duty station and is plainly visible from the building's entrance although it is impossible to view the entire site from the ground. Dark smoke rises thickly from The Pile; it has a characteristic smell that is familiar to combat veterans. It also permeates the area's air, gets into clothing and skin. I needed to be outside on numerous occasions and became saturated; the emergency workers outside are constantly exposed and thoroughly coated with the stuff. It takes effort to wash it off; in no small respect, it will never wash off.

The surrounding buildings still standing show the effects of the attack; many will have to be demolished (the 24 September TIME shows the status of all the area's buildings). The building directly across the street from me had a huge 15- or 20-story gouge out of it and will eventually come down. Thousands of windows farther out are shattered. The streets are clogged with emergency, construction, and service vehicles, but the emergency personnel are well-organized and disaster traffic passes; no private vehicles are allowed within the perimeter. The streets are also only one-way since temporary water and electric lines, emergency equipment such as generators and police weapons vans, control barricades into secure buildings such as mine, and the emergency and service vehicles themselves line the streets. No cameras are allowed because this is a crime scene and we were told hair-raising stories about those who attempted to take photos within the perimeter and were caught (think of Braveheart's end); similarly, no souvenirs such as pieces of rubble are allowed to be taken. Not a single person of the hundreds with whom I came into contact questioned the need for these measures. Indeed, not a dissenting word was ever heard by anyone who viewed the remains of the area. As an editorial aside, I along with every single person present on the site are of one mind regarding our mission, our Nation's task, and our President's goal to bring the

"GROUND ZERO" NYC continued...

terrorists to swift justice, and will continue to make whatever personal sacrifices are necessary to achieve these ends. It is a horrible evil which has been done to us and the sub-humans who did it WILL pay!

I will not go into detail at this time about some of the experiences suffered by some of the police and firemen with whom I've worked and conversed. Suffice it to state that much has not been, and probably should not be related within the newspapers nor TV, and there has been and will continue to be incredible emotional suffering and turmoil among the surviving emergency personnel, rescue workers, and virtually everyone else who has worked in and around "The Pile". Nevertheless, the morale of all is incredibly high; and a group resolve is so firmly established that nothing will ever, can never cause it to diminish.

Radio operations are strictly portable using two-band (2m and 440MHz) mobile rigs, but with power supplies instead of batteries. Mobile mag-mount antennas are placed on the power supplies for ground planes and I had little difficulty transmitting through the cement walls and buildings to reach the repeaters. More details, I cannot provide because of security reasons.

Turnover of ham operators is high - some can work only a few hours, others only a day, some for several days due to personal time considerations. A few hams of whom I've become acquainted and are contributing greatly at considerable personal sacrifice include Simone KA1YVF, Bob N1DOA (who has been subjected to some black humor kidding, perhaps in poor taste under the circumstances - but he is a great guy and bears up well and we keep it among ourselves!), Ron KA1KCU, Dwight KA2CNN, Tom N1SXU, and Brian K1BRF. There are, and have been many more, but I don't know or cannot recall their callsigns nor names for which I apologize. If, after this is all over, others who have volunteered to assist with the disaster may contact me and I'll include them in my next report.

The hours are long, the situation is grim, and the disaster defies credible description. However, the people with and for whom I work are wonderful, and my efforts, small as they might be, seem appreciated. And, everyone's spirits are high! We are proud to sacrifice a little, or a lot of sleep, plus downtime from our jobs and families. I should also mention that I am referring only to those amateur radio operators working through the American Red Cross of whom I have personal knowledge; I have no information regarding hams working with other disaster relief agencies.

In my estimation, the thousands of relief workers, especially the police and firemen who are "in the trenches" are the real heroes together with the American Red Cross workers, mostly unpaid volunteers. My admiration for them all knows no bounds. And, for what it's worth, the Red Cross has been unjustly maligned for many years: it does NOT charge one single penny for its efforts during a disaster, relying solely on the generous donations of Americans everywhere!

I need to thank those who have personally supported me with my ability to do my job: Ray Darling K2DAR who generously loaned me his 2m/440 Kenwood rig and 2/440 antenna (I had only 2-meter gear) and Dave Hatch N9ZRT who would have driven from Wisconsin to bring me needed equipment. And my wonderful "niece" Margaret Weisbrod, her husband Jonathan Morris, and baby Ruby Anne who provided me with a Brooklyn apartment for the duration. There are dozens of others who have provided me with moral support. It is deeply appreciated.

I doubt I'll have a chance to send another email report while down here; I will not be given a similar long period of rest time. I'll get off another, more complete report after my return home sometime later this week or later.

Please don't Reply to the Hotmail address; I use it only for portable operations. I didn't mean to be so wordy, but I am clearly emotionally involved.

God Bless America!

73, 88, and love to everyone, Fred K2FRD



44th Jamboree-on –the Air (JOTA) October 20-21, 2001

The Jamboree-on-the Air, or JOTA, is an annual Scouting and amateur radio event sponsored by the World Scout Bureau of the World Organization of Scout Movement. Thousands of amateur radio stations around the world participate. If the conditions are right, it is common to contact a hundred Scouting countries during the weekend.

In addition to this weekend event, there is a local troop that meets at the Appleton VFW Post on Richmond Street that have asked for the FCARC to participate. On October 11th several members of the FCARC will be setting up a UHF and VHF station, discussing Skywarn activities, Packet and hopefully a CW demo(still need someone to volunteer for this). They will allow the scouts to make some contacts in the area. Other ham volunteers will be having the troop over to see there ham shacks.

For additional information on this event you can contact Jon Oldenburg AB9AH or go to the following URLs

<http://www.bsa.scouting.org/international/jota.html> or

<http://www.arrl.org/FandES/ead/jota.html>

This event helps the scouts earn their radio merit badge and exposes them to the great world of amateur radio and all it has to offer.

Please contact Jon Oldenburg AB9AH if you would like to participate in this event.

Salvation Army Still Needs Ham Volunteers in New York City

NEWINGTON, CT, Oct 2, 2001--Although the Salvation Army has cut one shift of radio operators to support the organization's World Trade Center relief operation in New York City, it still needs fresh Amateur Radio volunteers. "We are still short of people," said Jeff Schneller, N2HPO--who's coordinating the Salvation Army Team Emergency Response Network, or SATERN, operation. Schneller said the midnight to 8 AM shift has been suspended, but SATERN still needs six Amateur Radio operators per shift--a total of 12 per day--for the indefinite future. He said he appreciates the volunteers who have turned out so far to assist the Salvation Army effort, but those there the longest now "are getting weary," he said.

SATERN needs operators at the Kennedy Airport warehouse with their own base station set up from about 8 AM until about 9 PM--possibly broken into shifts. In addition, SATERN needs operators to ride with trucks to provide communication. He said the Salvation Army now has three trucks running from morning till night. He said this effort also can be broken into shifts, but determining exact shift times is difficult because of traffic and loading and unloading delays. "They try for 4 PM as a shift change time," he said. Operators start and end these shifts at Salvation Army Division HQ on 14th Street in Manhattan, where SATERN also needs operators.

Schneller said that, if sufficient additional operators are available, they may be deployed to check on canteen sites and/or ride with other vehicles that are providing Ground Zero support or relief.

"Radio usage is becoming less emergency-oriented and more long-term logistical support oriented as time goes by," Schneller said.

"Response from around the nation and the world has been heart-warming, especially those amateur operators who were willing to put their life on hold, so that they could come help out for a few days or weeks in NYC."

Schneller said the word he has from Salvation Army is that the organization is happy with the Amateur Radio support they've been getting. "They want us to keep going," he said. So far, he said, some 40 Amateur Radio operators have turned out to help support the Salvation Army relief effort--some from the New York City area but others from as far away as Missouri, North Carolina, Georgia and Florida.

Schneller requested that potential volunteers contact him directly:

Home: 718-461-0370 Cell : 917-226-1339

Page: 718-939-3939 (give message to operator) Ham radio: Call N2HPO on the 147.270 repeater (141.3 or 127.3 CTCSS).

QST de W1AW

>Propagation Forecast Bulletin 41 ARLP041

>From Tad Cook, K7VVV

>Seattle, WA October 5, 2001

>To all radio amateurs

>SB PROP ARL ARLP041

>ARLP041 Propagation de K7VVV

>

Solar flux and sunspot numbers were lower this week. This is no >surprise, because the flux had reached a new high for this solar cycle during the previous week. Average daily sunspot numbers >dropped over 45 points and solar flux was down over 25 points.

Indicators that did not drop were those tied to geomagnetic >stability. The average daily planetary A index increased by 16 points to 29.6. The most active days were Monday through Wednesday, >when the planetary A index was 50, 43 and 53. The planetary K index >reached a high of 7 on Wednesday, indicating a geomagnetic storm. For higher latitudes the peak day for geomagnetic activity was >Tuesday, when Alaska's College A index was 82, and the College K >index reached 8.

The geomagnetic activity was caused by a series of solar wind >disturbances. In addition to absorption of HF signals over high latitude paths, there were some impressive aurora displays. Check http://spaceweather.com/aurora/gallery_01oct01.html for some dramatic photos.

Current predictions project solar flux decreasing to 185 on Friday, >then increasing to 190 on Saturday and 195 on Sunday and Monday. Geomagnetic indices should be quiet to unsettled. The next peak in >solar flux is projected around October 22 or 23. Flux values are >expected to rise above 200 after October 14 and above 250 after >October 19. September 30 ended the third quarter of 2001. Now it is time to look >at quarterly averages for sunspot numbers and solar flux. The >numbers begin with the first quarter of 1999 and end with the third >quarter of 2001. Average daily sunspot numbers were 96.1, 147.2, >137.9, 163.1, 168.9, 190.8, 187.4, 145, 147.3, 164.8 and 170.4. >Average daily solar flux was 136.7, 145, 157.6, 175.2, 180.5, 182.9, >181.9, 173.3, 164.4, 166.7 and 175.5. Even after the recent record >shattering daily solar flux for the current cycle, it still appears >that solar flux had a broad peak throughout the first nine months of last year. But this year the trend was up, with higher average daily >numbers in each quarter for both solar flux and sunspot numbers.

The monthly averages of daily numbers over the past few months show a steady rise in activity. Average daily sunspot numbers for July, August and September were 124.6, 159.4 and 229.1, and average daily solar flux was 131.3, 163.1 and 233.8. The 2001 Oceania DX SSB Contest is this weekend. Here are some path >projections. From Boston to Australia, 80 meters 0900-1100z, 40 meters 0830-1230z, 20 meters 0700-0800 and 1200-1430z, 15 meters 1400-1600z, 10 meters 2100-2330z. To New Zealand, 80 meters 0630-1130z, 40 meters 0530-1200z, 20 meters 0430-1300z, 15 meters 0100-0300 and 1630-1700z, 10 meters 1800-0100z. From New York City to Australia, 80 meters 0900-1200z, 40 meters 0830-1230z, 20 meters 0700-0800 and 1130-1430z, 15 meters 1330-1600z, 10 meters 2100-0000z. To New Zealand, 80 meters 0630-1100z, 40 meters 0530-1200z, 20 meters 0430-1300z, 15 meters 0100-0330z, 10 meters 1800-0130z.

From Philadelphia to Australia, 80 meters 0900-1200z, 40 meters 0830-1230z, 20 meters 0700-1430z, 15 meters 1330-1600z, 10 meters possibly 2030-0100z. To New Zealand, 80 meters 0630-1130z, 40 meters 0530-1200z, 20 meters 0400-1330z, 15 meters 0100-0330z, 10 meters 1800-0130z.

From Richmond, Virginia to Australia, 80 meters 0900-1200z, 40 meters 0900-1230z, 20 meters 0700-1400z, 15 meters 1300-1530z, 10 meters possibly 2100-0130z. To New Zealand, 80 meters 0630-1100z, 40 meters 0530-1200z, 20 meters 0400-1300z, 15 meters 0100-0500z, 10 meters 1800-0200z.

From Atlanta to Australia, 80 meters 0900-1200z, 40 meters 0830-1300z, 20 meters 0700-1430z, 15 meters 1330-1500z and possibly 0300-0400z, 10 meters possibly 2130-0130z. To New Zealand, 80 meters 0600-1200z, 40 meters 0530-1230z, 20 meters 0400-1330z, 15 meters 0100-0830z, 10 meters 2200-0300z.

From Seattle to Australia, 80 meters 0930-1500z, 40 meters >0900-1600z, 20 meters 0700-1700z, 15 meters 0430-0630z, 10 meters 2100-0430z. To New Zealand, 80 meters 0630-1430z, 40 meters 0600-1500z, 20 meters 0430-1630z, 15 meters 0300-0530z, 10 meters 1900-0330z.

From California to Australia, 80 meters 0830-1430z, 40 meters 0830-1530z, 20 meters 0700-1630z, 15 meters around 1530z, 2000z and 0400-0630z, 10 meters 2100-0430z. To New Zealand, 80 meters 0600-1430z, 40 meters 0530-1500z, 20 meters 0400-1600z, 15 meters 0130-1200 and 1700-1830z, 10 meters 1800-0600z.

Sunspot numbers for September 27 through October 3 were 279, 234, 233, 230, 289, 236 and 196 with a mean of 242.4. 10.7 cm flux was 269.5, 284.5, 239.5, 235.8, 216.5, 200.9 and 191.7, with a mean of 234.1, and estimated planetary A indices were 10, 13, 21, 17, 50, 43 and 53 with a mean of 29.6. NNNN/EX

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Richard Sonnenberg 675 East Edgewood Dr.
Appleton WI 54913 W9UVZ@tpo.org

920-733-0609

***NOTE: The newsletters are photo copied by Brian Long KB9LRD on paper donated by Glatfelter Company.**

QSO'er
FCARC-W9ZL
P.O. Box 5233
Appleton, WI 54912-5233

FOX CITIES AMATEUR RADIO CLUB

NAME _____ **DATE** _____

ADDRESS _____

CITY _____ **STATE** _____ **ZIP** _____

PHONE _____ **CALL SIGN** _____ **CLASS** _____

E-MAIL ADDRESS _____

Membership dues for one year:

Full - \$15.00

Associate(non ham) \$15.00

Student - \$10.00

Retired - \$10.00

Family - \$20.00

Please make checks payable to FCARC

Mail to: FCARC P.O. Box 5233 Appleton, WI 54912-5233

