

An Unofficial History of Amateur Radio

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DEPARTMENT OF COMMERCE

RADIO DIVISION

IN REPLY REFER TO
FILE NO. 8030

June 22, 1928.

OFFICE OF SUPERVISOR OF RADIO
504-506 COMMERCE BUILDING
LAFAYETTE BOULEVARD
DETROIT, MICH.

Sir:

You are herewith advised that amateur call letters are now being assigned preceded by the letter "W". This is in accordance with Section 2, paragraph d, of article 14 of the International Radiotelegraph Convention, Washington, 1927, which provides that the letters "W" and "K" are assigned to the United States. It has been decided that "W" will precede all amateur calls for stations within the Continental limits of the United States and the letter "K" shall precede all such calls for stations in the insular possessions and Alaska.

The use of the "W" before your regular call letters, however, is not to begin until October 1, 1928, after which time should be used for all transmissions.

Amateur station licenses already issued will require no change or amendment. After October 1, 1928, however, all Continental United States amateur stations will make use of the prefix "W" for both foreign and domestic communications. Example: Whereas, the present practice in calling is, "nu 6AA 6AA 6AA nu 8AA 8AA 8AA", after October 1, 1928 it will be, "W6AA W6AA W6AA de W8AA W8AA W8AA".

Respectfully,

S. W. EDWARDS,

JCM:FBS

U. S. Supervisor of Radio.

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AREA Repeater

146.610 -	ENC/DEC pl 114.8	W9AXD
147.000 +	ENC/DEC pl 114.8	W9AXD
A T Vinput 1250 Mhz/ 434 Mhz		W9ATN
	output 421.25 Mhz	
146.805 -	ENC/DEC pl 114.8	K9AMJ
224.440 -	ENC/DEC pl 118.8	K9AMJ
147.255 +	ENC/DEC pl 114.8	WX9MCS
444.725 +	ENC/DEC pl 107.2	WX9MCS
	Linked to FISHFAR	

2013 RARA Officers

Officers :

President - Doug Abrahamson, KC9SDO, 815-979-0329
 Vice President - Robert Larson, KC9ICH, 815-540-0309
 Secretary - Jim Holich, AB9SX, 779-552-8796
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Kurt Eversole, KE9N 815-389-2784
 Richard H. Range WB9SFG— 630-697-1344

Web Master - Robert Larson, KC9ICH, 815-540-0309
 Ham Rag Editor - Jim Holich, AB9SX, 779-552-8796
 Repeater Chairman - Richard Range, WB9SFG 630-697-1344

The K7RA Solar Report

Propagation Forecast Bulletin 36 ARLP036
From Tad Cook, K7RA

Conditions were quieter again this week. Average daily sunspot numbers declined from 77 to 69, and average daily solar flux was off by 9.5 points to 106.9, when compared to the previous seven days, August 22-28.

Predicted solar flux for the near term is 105 on September 6-10, 100 on September 11-12, 110 on September 13, 120 on September 14-15, 115 on September 16-17, 110 on September 18, 105 on September 19-20, 110 on September 21-22, 105 on September 23-24, and 100 on September 25-28. It then is expected to reach a minor peak of 115 on October 4-5, then 120 on October 9-12.

These predictions come from a 45-day forecast. Yesterday, September 5, the solar flux was 110.1. The first prediction for that date in this series pegged it at 135, which maintained from July 22-28, then 105 on July 29 through August 4, 115 on August 5-11, 105 on August 12-18, 110 on August 19-28, 112 on August 29, 115 on August 30, 118 on August 31, 112 on September 1-2, and then they nailed it at 110 again on September 3-4. Note that these aren't the flux readings on those dates. They are the predicted values for September 5, as they varied from day to day in the daily forecast for the previous 45 days.

You can see those daily forecasts here:

<http://www.swpc.noaa.gov/ftpmenu/forecasts/45DF.html>

The planetary A index is in the same forecast. The latest has predicted planetary A index at 5 on September 6-8, 10 on September 9-10, 12 on September 11, 8 on September 12-14, 5 on September 15-16, then 12, 18 and 15 on September 17-19, 5 on September 20-22, and 8 on September 23-24.

The Autumnal Equinox (September 22 at 2044 UTC) is a little over two weeks away. Fall is always a great time for HF DX, when the suncasts an even glow over our northern and southern hemispheres. Although solar activity is weak, if this is Cycle 24's peak, now may be the best time for enjoying HF propagation for some years to come. Or the Sun could fool us again. Remember that day-to-day variations in solar activity can swing wildly above and below any predicted smoothed or averaged sunspot or solar flux number. But we haven't seen much of that lately.

F.K. Janda, OK1HH offers his geomagnetic forecast. Mostly quiet conditions September 6-7, quiet to unsettled September 8, quiet to active September 9, quiet to unsettled September 10, quiet to active September 11, active to disturbed September 12, quiet September 13, mostly quiet September 14, quiet September 15-16, quiet to active September 17, active to disturbed September 18, quiet to unsettled September 19-21, mostly quiet September 22, quiet to active September 23, quiet September 24-25, mostly quiet September 26, active to disturbed September 27, quiet to active September 28, mostly quiet September 29, quiet September 30, quiet to active October 1, and quiet on October 2.

Last week's Propagation Forecast Bulletin ARLP035 mentioned average sunspot numbers, but we were missing two days of data (from August 30-31) to get the complete average. As it turns out, those two days had low enough sunspot numbers that it actually dragged the 3-month moving average and the monthly average for August lower.

So the three month moving averages of sunspot numbers for periods ending in January through August 2013 were 82.8, 73.6, 80.7, 85.2, 106.4, 106.4, 97.5 and 85.6. The average daily sunspot number for the month of August was 90.2, up from 80.2 and 86.2 in June and July.

The K7RA Solar Report

Thanks so much to Scott Bidstrup, TI3/W7RI in Costa Rica who sent a link to a fascinating article in Phys.Org News and Astronomy and Astrophysics about yet another failure to replicate earlier studies claiming a correlation between planetary positions and solar activity. In this case, the authors found several serious statistical errors in the earlier analysis. Read the article and abstract at, <http://phys.org/news/2013-09-evidence-planetary-solar.html> and http://www.aanda.org/index.php?option=com_content&task=view&id=966&Itemid=277.

Note that for a limited time, the full text of the paper is available for free by clicking on the "Register Now" button on that last page.

NASA has an updated prediction for sunspot Cycle 24, and like last month, they predict the peak for Summer 2013 (that's now!) but they have downgraded the expected smoothed sunspot number from 67 to 66. Read it and weep at, <http://solarscience.msfc.nasa.gov/predict.shtml>. They do not have any archive of past predictions, but never fear, I have been keeping careful track.

A year ago, they sounded an optimistic note, when the September 2012 update changed from a peak of 60 in Spring 2013 to a peak of 76 in Fall 2013.

A month later in October it changed to a peak of 75 in Fall 2013, then in November it dropped to 73 in Fall 2013. In December the number was revised to 72, and in January 2013 the predicted peak was changed to 69. February's prediction was unchanged, and then March 2013 revised the peak down again to 66. April and May were unchanged, and in June the prediction was revised upward from a peak of 66 in Fall 2013 to a peak of 67 in Summer 2013. July and August were unchanged, and now we have the number back down a point in again to 66 in September.

Monthly propagation charts between four USA regions and twelve overseas locations are at <http://arrl.org/propagation>.

Sunspot numbers for August 29 through September 4 were 55, 62, 60, 71, 84, 74, and 77, with a mean of 69. 10.7 cm flux was 108.8, 107.5, 107.5, 103.8, 105.6, 106, and 109.3, with a mean of 106.9. Estimated planetary A indices were 3, 8, 11, 9, 10, 7, and 6, with a mean of 7.7. Estimated mid-latitude A indices were 4, 7, 11, 10, 11, 8, and 9, with a mean of 8.6.

FRIDAY MORNING BREAKFAST

Meets every Friday morning from 8 am until about 9:30 am. An informal gathering of ham folks, no affiliations necessary, good food and good company.

Everyone is welcome to attend.

“Morning Glory Restaurant”

***9155 Alpine Street
Rockford, IL 61108***



For Sale or Trade

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Hamfest Information

W9DXCC Convention

Hamfest / Convention

Friday / Saturday September 20/21 2013

Holiday Inn Elk Grove Village
1000 Busse Road

Elk Grove Village, IL 60007

Talk-In :146.36 minus (PL 136.5)

Contact :Paula Uscian K9IR

4965 Castaway Lane, Hoffman Estates, IL 60010

Phone—847-358-6644

Email :pmusician@sbcglobal.net

Ozaukee Radio Club Fall Swapfes SEWARS Swapfest

Hamfest / Convention

Saturday September 28, 2013

Fireman's Park

796 Washington Avenue

Cedarburg, Wisconsin 53012

Talk-In :146.97 plus (PL 127.30)

Contact :Thomas Ruhlmann

465 Beechwood Drive, Cedarburg Wisconsin, 53102

Phone—262-377-6945

Email :teruhlmann@wi.rr.com

Peoria Superfest 2013

Hamfest / Convention

Friday / Saturday September 21/22 2013

Exposition Gardens

1601 West Northmoor Road

Peoria, IL 61601

Talk-In :147.075 plus (PL 103.55)

Contact :Merle Joiner, KB9VQH

705 East Frye Avenue, Peoria IL 61603

Phone—309-393-3378

Email :kb9vqh@icloud.com

Hamfest / Convention

Sunday October 13, 2013

Richfield Chalet

1271 Highway 175

Hubertus, Wisconsin 53033

Talk-In :146.820 plus (PL 127.30)

Contact :Darrell Welch

4006 Monches Road Colgate Wisconsin 530172

Phone—414-899-6010

Email :dw@charter.net

Treasurers Report

ROCKFORD AMATEUR RADIO ASSOCIATION Inc.

August 26, 2013

Primary Checking:

Beginning Balance 7/30/13 _____
Deposits _____
Withdrawals _____
Ending Balance 8/26/13 _____

Organization Savings:

Beginning Balance 7/30/13 _____
Interest Earned _____
Ending Balance 8/26/13 _____

Repeater Committee Checking:

Beginning Balance 7/30/13 _____
Ending Balance 8/26/13 _____

5/50 Raffle Donation July.....	28.00
5/50 Raffle Donation August	18.00
July 12 Membership Dues.....	<u>25.00</u>
Total	71.00

Shannon K. Larson KC9QBC Treasure, RARA



P.O. Box 8465, Rockford, IL 61126

Website: www.w9axd.org

E-mail: jholich@comcast.net

<u>N e t s</u>		
Monday 8 PM	RARA Info.	146.610 - 114.8 PL
	RARA	147.000 - 114.8 PL
Monday 9 PM	10M SSB Net	28.375 +/- USB
Daily 6 PM	Illinois Traffic Net	3.905 LSB

place address label here

S e p t e m b e r , 2 0 1 3

ROCKFORD AMATEUR RADIO ASSOCIATION MEMBERSHIP APPLICATION

Single Adult: \$25.00 Adult w/Family: \$30.00
 Single Senior: \$15.00 Senior w/Family: \$20
 Student: \$15.00

Above rate includes the RARA monthly newsletter, Ham Rag, via email.

Name _____ Call Sign _____

Address _____

City _____ State _____ Zip _____

Home Phone _____

Work Phone _____

Email _____

Renewal _____ New _____ Retired _____

Radio Interests _____

Other Interests _____

Suggestions: _____

RETURN COMPLETED FORM TO:

ROCKFORD AMATEUR RADIO ASSOCIATION
 P.O. BOX 8465
 ROCKFORD, ILLINOIS 61126