

PEAKS & NULLS



MORRIS RADIO CLUB

Volume I, Issue VIII

August 11, 2011

FIELD DAY 2011 PART II

Just to finish out Field Day here's a comparison of this year's Field Day with last years. 2011 is log 1 and 2010 is log 2.

The totals for each hour are for Phone, CW and RTTY combined.

Things sure are tough at 2AM local.

Be sure to check out some more of Mark's pictures on page 2.

Contest Period	Contest Clock	Log 1 QSOs	Run Total	Contest Clock	Log 2 QSOs	Run Total
1	18:00	46	46	18:00	26	26
2	19:00	34	80	19:00	19	45
3	20:00	31	111	20:00	16	61
4	21:00	16	127	21:00	10	71
5	22:00	34	161	22:00	10	81
6	23:00	24	185	23:00	5	86
7	00:00	50	235	00:00	10	96
8	01:00	40	275	01:00	28	124
9	02:00	39	314	02:00	18	142
10	03:00	40	354	03:00	13	155
11	04:00	26	380	04:00	19	174
12	05:00	19	399	05:00	14	188
13	06:00	15	414	06:00	7	195
14	07:00	7	421	07:00	10	205
15	08:00	25	446	08:00	28	233
16	09:00	31	477	09:00	20	253
17	10:00	15	492	10:00	21	274
18	11:00	40	532	11:00	9	283
19	12:00	24	556	12:00	8	291
20	13:00	14	570	13:00	28	319
21	14:00	25	595	14:00	24	343
22	15:00	31	626	15:00	13	356
23	16:00	49	675	16:00	17	373
24	17:00	24	699	17:00	14	387
25	18:00		699	18:00		387
26	19:00		699	19:00		387
27	20:00		699	20:00		387
Overl	21:00			21:00		
Total:		699		Total:	387	

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ANNUAL SUMMER GET-TOGETHER

Don't forget our Annual Summer Get-Together 6PM this Monday the 15th at Atlanta Bread in Morris Plains.

PROPAGATION PROGRAMS

This month we'll look at some free propagation programs. Whether you're looking for that rare one or trying to work a DXpedition, when's the best time to try? That's when a propagation program comes in handy. They'll tell you when what bands are open (or not) to the part of the world you want to work.

ing about HF propagation and for everyday predictions of when and to where the bands will be open. Run the program once to set your default QTH. You will need the daily Solar Flux number to run W6ELProp. Enter the prefix of the station you are looking for and a prediction screen will be generated. The prediction screen will be a chart of num-

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NEW RTTY CONTEST

There is a new 10 Meter RTTY contest this year. It will be held on the Sunday of the first full weekend in December. This year it will be on December 4. It is a 24 hour contest running from 000Z to 2400Z.

Details and rules are available on www.rttycontesting.com



UPCOMING MEETINGS

AUGUST 15, 2011 Summer get together 6PM at Atlanta Bread in Morris Plains

September 19, 2011 Regular business meeting



Are you sure this is the crank?



Ready to heat up the ether.

SELECTED UPCOMING CONTESTS

QRP Fox Hunt	0100Z—0230Z, Sep 2
All Asian DX Contest, Phone	0000Z, Sep 3 to 2400Z, Sep 4
Colorado QSO Party	1200Z, Sep 3 to 0400Z, Sep 4
DARC 10—Meter Digital Contest	1100Z - 1700Z, Sep 4
Tennessee QSO Party	1800Z, Sep 4 to 0300Z, Sep 5
WAE DX contest, SSB	0000Z, Sep 10 to 2359Z, Sep 11
Arkansas QSO Party	1300Z, Sep 10 to 0100Z, Sep 11
North American Sprint, CW	0000Z—0400Z, Sep 11
RSGB 80m Club Sprint, SSB	1900Z—2030Z, Sep 14
Connecticut QSO Party	0000Z—2359Z, Sep 17
North American Sprint, SSB	0000Z—0400Z, Sep 18
CQ Worldwide DX Contest, RTTY	0000Z, Sep 24 to 2400Z, Sep 25
RSGB 80m Club Sprint, CW	1900Z—2030Z, Sep 29



Hanover really should have consulted us before putting in this bench.



Which way does this rope go?

Many thanks to Mark W2GM for all the Field Day pictures in this issue.



PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR SEPTEMBER 2011

SUNSPOT NUMBER

PREDICTED	HIGH	LOW
67.9	77.9	57.9

10.7 RADIO FLUX

PREDICTED	HIGH	LOW
121.0	130.0	112.0

Did you know?

We have a patron saint. Saint Maximilian Kolbe is the patron saint of Amateur Radio Operators. Father Kolbe was a Polish Amateur Radio Operator with the call SP3RN who was jailed by the Nazis for espionage, charged with reporting their atrocities using his radio. He was sent to Auschwitz where after three men escaped, ten men were picked by random to be starved to death. He volunteered to take the place of one of the men who had a large family. He was made a Saint on October 10, 1982 with the man whose place he took present at the ceremony.

JULY MEETING MINUTES

There was no July Morris Radio Club meeting.

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bers and letters for each hour of the day. The number indicates signal strength, higher is better. The letter is the chance that the path will actually be open. 'A' following the number means it is almost certain that the band really will be open at that time. Propagation changes greatly with the seasons and the program will illustrate this if you put in a date 3 months from the present. Also look at the various maps on the menu. The Rectangular Map shows gray-line path possibilities (you can change the time of day), and the Great Circle map makes it easy to see where the signal really goes when you call that VK4 on 20m. It's fun to select AUTO UPDATE on either map screen to watch the sun-lit area move across the planet in real-time.

W6ELProp is available at www.qsl.net/w6elprop

PropView

PropView uses the included VOACAP, ICEPAC, and IONCAP propagation prediction engines to forecast the minimum and maximum useable frequencies between two locations over a specified 24 hour period. Results are rendered in an easy-to-understand color-graphic display. You specify locations via direct latitude/longitude entry. A one time entry of your longitude and latitude is necessary.

VOACAP (Voice of America Coverage Analysis Pro-

gram) is free professional HF propagation prediction software from NTIA/ITS, originally developed for Voice of America (VOA). The VOACAP engines are used by both PropView and our next program.

PropView is available at www.dxlabsuite.com/propview

HamCap

HamCap by VE3NEA is a simple to use propagation program that also uses the VOACAP engine. All you have to enter after a one time setup with your longitude and latitude is the prefix of the station you are looking for. It will generate both a chart and a map of the prediction. The chart is in a 24 hour format showing you when is the best time to work that station on any of the bands. HamCap uses a smoothed sunspot number to generate the prediction so every once and awhile you should download a new SSN prediction table. You can find a link in the users guide available on the website.

HamCap is available at www.dxatlas.com/hamcap

Where can you get the real time Solar Flux along with the A and K indexes? QSL.net has a page. It is

<http://dx.qsl.net/propagation/index/html>

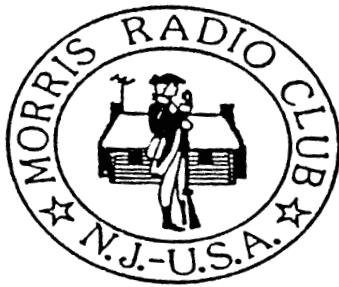


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THE MORRIS RADIO CLUB IS AN ORGANIZATION OF AMATEUR RADIO OPERATORS WHICH HAS BEEN IN EXISTENCE FOR OVER SIXTY FIVE YEARS. AS A HOBBY, AMATEUR RADIO SERVES AS A PUBLIC RESOURCE FOR COMMUNICATIONS AS WELL AS AN EDUCATIONAL EXPERIENCE.

ALTHOUGH MANY WHO BECOME INTERESTED IN AMATEUR RADIO ARE INVOLVED IN AN ELECTRONICS RELATED FIELD, THE HOBBY APPEALS TO A WIDE VARIETY OF INDIVIDUALS.

THE MEMBERSHIP OF THE MORRIS RADIO CLUB IS A DIVERSE GROUP MADE UP OF MEDICAL, BUSINESS, EDUCATION, AND LAW ENFORCEMENT PROFESSIONALS, AMONG OTHERS, WHOSE COMMON INTERESTS ARE COMMUNICATION, EDUCATION, AND PUBLIC SERVICE.

HAMFEST CALENDAR

September 10

TINTON FALLS, NJ—JCDXA and GSARA

MAECOM (Monmouth/Ocean Educational Services) Center, 100 Tornillio Way

GSP Exit 105, Rt. 18 Exit to Wayside Rd to corner of Shafto Rd (Rt. 547) and Wayside Rd.

<http://nadxa.org>

Cost \$5 Opens 8 AM

Wall township, NJ New Jersey Antique Radio Club Auction

InfoAge (Marconi Hotel) 2201 Marconi Road, Camp Evans, Wall Township, NJ

Off route 18 (Exit 7), near Exit 100 of the GSP. See www.omarc.org for directions.

<http://www.njarc.org>

Cost: No entrance fee. 5% buyers premium will be charged

September 18

Mullica Hill, NJ Gloucester County ARC

4H Fairgrounds, Rt. 77, 2 miles south of Rt. 45 / Rt. 536, Mullica Hill, NJ

<http://w2mmd.org>

Cost: \$6 Opens 8AM