

CROSSTALK

Published By And For The

\* GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD \*

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1980

G.C.A.R.C. OFFICERS

President	Rose Ellen Bills, N2RE
Vice President	Chuck Colabrese, WA2TML
Treasurer	Fred Cowgill, WB2GEK
Recording Secty.	Roslyn Marder, N2AKL
Corresponding Secty.	Steve Sasson, WB1AOF

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Josh Brehm, AE2L  
 Dave Bacon, KD2T  
 John Fisher, K2JF  
 Bob Grimmer, KN2QWO  
 Sonny Gutin, WA2DXB  
 Tom Widener, WA2OOL

Trustees

Barry Campbell, W2YZ  
 Bill Frambes, WB2FJE  
 Chick Naylor, WA2USI  
 Ray Martin, WB2LNR

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Committee Chairmen

Program:	Chuck Colabrese, WA2TML	A.R.E.S.:	Harry MaCormick, WA2SEA
Awards:	Herb Schuler, K2HPV	Technical:	Bill Frambes, WB2FJE
Training:	Chick Naylor, WA2USI	D.X.:	Wayne Wood, W2SUA
Membership:	John Fisher, K2JF	Publicity:	Sonny Gutin, WB2DXB
Contests:	Ken Newman, N2CQ	House:	Jim Bray, N2AKI
Hamfest:	Bob Grimmer, KN2QWO	Historian:	Della Parker, W2AFZ
Field Day:	Jack Kessel, AB2W		

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Club Nets

2 Meter RTTY Net: Thursday, 8:00 PM, 147.54      2 Meter FM: Sunday, 8PM, 78/18

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The Gloucester County Amateur Radio Club meets the first Wednesday of each month at the Grenloch Fire Hall in Washington Township. Meetings begin promptly at 8:00 P.M.

Please send any contributions for CROSSTALK to Jack Kessel, AB2W,

## PRESIDENTS MESSAGE

The July meeting will be held Wednesday, July 2, 1980 at the American Legion, in Franklinville on the Delsea Drive (Rt 47) about 1 1/2 miles south of the red light in Clayton. Land-marks going south will be, K.W. Stubs Stone Yard and Clayton Auto Parts. All are on the right side of Delsea Drive.

We will have the opportunity to hear some of our Field Day results and also catch up on some eyeball GSO that we have not been able to do.

Those who may have not heard the announcement at the meeting, we now have a post office box. Any club information should be forwarded to:

Gloucester County Amateur Radio Club, Inc.  
P.O. Box No. 370, Pitman, N.J. 08071

Because we have this post office box as well as having our Corresponding Secretary the Board decided not to appoint another member of the Board as a contact for business service matters.

Don't forget to sell all your HAMFEST tickets and turn in your stubs and check to the committee so they will have their operating funds to work with.

It is nearing time for our Picnic on the 19th at Lake Garrison. See WA2VEE for your tickets.

The Banquet tickets are now available and some of the program has been worked out. Please see WBIAOF for your ticket.

We will be able to continue using W2MMD as a club call but no new calls will be issued. When the club call is in use at any time the Trustee-N2RE should be aware of this use----also you should have the club license in full view when W2MMD is being used. Let me know if you need copies of our Club License.

If you have been delinquent in getting your dues in to our Treasurer WB2GEK you may have already received a reminder. We would not want to lose you. If you are not satisfied with any thing at all about our Club please let either me or any Director know what it is and we will do our best to see that you are satisfied.

The July Board meeting will be held July 16th at Roz Marder's ---don't forget your swimming gear.

## DA'S & DIT'S

What happend to the cat at your shop? Everyone is curious. Hope the story had a happy ending. Let's hear about it, WA2MMA.

The scope for the month is WA2ZND got married. It was a June wedding. Congrats.

WA2DYO Now that vacation is over, I hope that what you intended to do became a reality.

KB2GW hope the cement is all set, the tower is up and all thats left to be done is raise the beams.

Glad you're back in circulation, WA2FZB. I'm sure i can extend a big "hello" from all of us.

KB2GL hope you participate in the Bike-a-thone this year. Maybe, I'll come over and say "hello" to you at your station.

Any of you gals and guys who are going to the picnic and want to find the "suds" keep your eye on WA2VEE. He will lead thee.

It's for real this time. WA2OOX finally pulled up anchor and left for Minnesota. Lots of luck and good snowmobiling this winter.

Anyone interested in "The Black Marble"? For information, contact WB2DXB.

WA2TDI wash the dishes, mow the lawn, water the flowers, walk the dogs, and don't forget the twisted beam. Did we leave anything else out?

WBIAOF wants everyone to get with it as far as plans are concerned for the Banquet.

K2NH and N2BCF did the "Mickey Mouse" antenna perform at Field Day to your expectations?

AE2V whatever happend to the CW Net? Did it take a summer bacation?

WA2TML must be running in circles trying to figure out where the Club is going to meet from month to month.

Wishing everyone a safe Fourth.

73, The Eavesdropper

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For all who ask, I realy don't know who the Eavesdropper is. DE AB2W.

PROPAGATION FORECAST for JULY 1980

Well if 6 meters continues in July like it was in June I don't know how Ray, Bob, ED and I are goint to get any sleep at all. As many of you have heard the VHF vands have been real hot. Well it is sans question now that Cycle 21 is now the second highest since readings have been taken from the middle of the 1700s. It looks like we peaked in November of 1979. The cycle began in June 1976, and it will last till June 1982 at which time the average Sun-spot number will drop beloww 100. Attached is a tabel of projected Sun-spot numbers. Solar Flux is a measurement of radiation from the sun at 2800 Mhz and is used to determine the Solar Flux level. Values of 70 to 150 are chosen to represent the good operating levels during non peak years. The numbers in ( ) are  $\pm$  the given number.

OK Here Goes- All time Pitman Time

<u>80</u>			
Europe	2300 - 0200	Good H.F. Days:	
So. Pacific	0400 - 0600	1-3,6-7*, 11, 15, 19-20*,	
So Amer	2100 - 2400	23.	
<u>40</u>		Good V.H.F.Days:	
So. Pacific	0500 - 0630	7, 9 13, 20*, 27, 31.	
Caribbean, So Amer	2100 - 0430		
Europe	2200 - 0200	Extra Good *	
<u>20</u>			
Europe	1700 - 0700		
USSR	2300 - 0000		
Medit., Mid-East	1800 - 0100		
Africa	1700 - 0200		
Far East	0700 00900 2300 -0200		
So. Pacific	2300 0900		
Australasia	0100 - 0500		
Caribbean So. Amer	0500 - 0600 NO GOOD		
McMurdo Bay	2300 - 0300 KC4USV		
<u>15</u>			
Europe	1700 - 1800		
Med. Middle East	1700 - 2000		
Africa	1100 - 2300		
So. Pacif, New Zeal.	1800 - 2200		
Australasia	2000 - 2200		
Carib. So. Amer	0900 - 0100		
<u>10</u>			
Africa	1700 - 1900		
So. Pac.	1800 -2000		
Carib. So Amer	1500-1900 (Best condx for 10)		
<u>6</u>			
Africa	0900 - 1100		
So. Pac Mid Pac (KH6 Land)	1400 - 1700		
Caribbean	1200 - 1500		

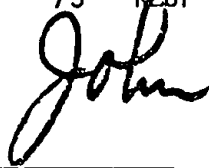
If we have any F2 openings this is the time to ger the long haul T.E. Stuff.

In the month of July there is a good chance for the Summer VHF activity to really peak up There is a possibel F-2 on six and of course we all look forward to the sporadic E short skip as well as cros continent. The sporadic-E should reach its peak in July on both 6 and 2. There should be some very good ope.ings on 2 meters this month, should be quite common (YSTIARFI). Remember check channels 2 & 4 (Not Cable )

That's it for this month- Have a good time at the Picnic July 19th.

Good Luck

73 K2JF



MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1976	15.2 (0)	13.2 (0)	12.2 (0)	12.6 (0)	12.5 (0)	12.2 (0)	12.9 (0)	14.0 (0)	14.3 (0)	13.4 (0)	13.5 (0)	14.8 (0)
1977	16.7 (0)	18.1 (0)	20.0 (0)	22.2 (0)	24.2 (0)	26.3 (0)	29.0 (0)	33.4 (0)	39.1 (0)	45.6 (0)	51.9 (0)	56.9 (0)
1978	61.3 (0)	64.5 (0)	69.6 (0)	76.9 (0)	83.2 (0)	89.3 (0)	95.0 (0)	104.0 (0)	108.4 (0)	111.0 (0)	113.3 (0)	116.7 (0)
1979	122.8 (0)	130.4 (0)	136.1 (0)	141.0 (0)	147.4 (0)	153.7 (0)	156.2 (0)	156.9 (0)	157.4 (0)	158.0 (0)	158.7 (5)	158.2 (9)
1980	156.7 (13)	155.1 (15)	153.8 (18)	153.3 (23)	152.3 (27)	148.8 (31)	145.0 (35)	141.9 (37)	139.8 (39)	138.8 (40)	137.5 (41)	136.3 (44)
1981	136.4 (47)	136.0 (46)	133.7 (44)	130.7 (43)	128.1 (43)	125.4 (43)	124.1 (42)	123.8 (41)	123.1 (40)	121.8 (40)	119.2 (39)	116.1 (37)
1982	112.8 (35)	109.3 (34)	106.8 (33)	104.8 (32)	102.4 (30)	99.9 (28)	96.1 (26)	91.2 (25)	86.4 (23)	81.9 (21)	78.4 (20)	74.9 (20)
1983	70.9 (20)	68.1 (20)	66.3 (21)	64.5 (21)	62.4 (21)	59.8 (22)	57.8 (24)	56.1 (25)	54.3 (27)	53.2 (29)	52.3 (30)	51.3 (30)
1984	49.9 (31)	47.8 (30)	44.6 (29)	41.0 (29)	38.5 (30)	37.6 (32)	36.7 (32)	35.2 (32)	33.6 (31)	32.1 (29)	30.7 (28)	28.9 (28)
1985	27.7 (27)	26.9 (27)	26.2 (27)	25.6 (27)	24.9 (26)	23.8 (25)	22.8 (24)	21.9 (23)	21.2 (23)	20.5 (24)	19.6 (24)	18.9 (25)
1986	18.4 (25)	17.6 (25)	16.7 (24)	15.7 (23)	14.3 (22)	13.1 (21)	12.1 (20)	11.4 (19)	11.2 (18)	10.8 (17)	10.7 (16)	10.8 (14)
1987	11.1 (12)	11.5 (12)	12.3 (12)	13.4 (13)	14.4 (14)	15.5 (15)	16.7 (15)	18.0 (16)	19.8 (18)	21.9 (20)	23.7 (23)	26.3 (25)
BEGINNING OF CYCLE 21												
JUNE 1976												