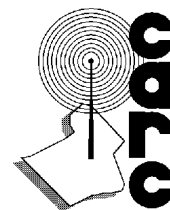




The Illuminator



The monthly newsletter of the Carbon Amateur Radio Club

May 2001

May Meeting

The next regular meeting of the Carbon Amateur Radio Club will be held on Thursday, May 17, at 7:30 p.m.



ARRL Propagation Bulletin

Propagation Forecast Bulletin 19 ARLP019
From Tad Cook, K7VVV
Seattle, WA May 4, 2001
To all radio amateurs

The report this week will be a little slim due to computer problems at K7VVV. For anyone sending email, your mail should be answered by early next week. K7VVV@arrl.net is still a good address.

Sunspot activity and solar flux were both up, with average sunspot numbers for the week increasing by 30 points and average solar flux up by almost 7 points. Solar flux peaked on Tuesday at 209.7. Saturday was the most disturbed day, with the planetary A index at 28, and the Fairbanks, Alaska high-latitude College A index at 46.

This was from an interplanetary shock wave produced by a flare on April 26. The energy from this flare was expected to arrive Sunday, but showed up a day earlier. The peak in solar flux, last week expected to be on the weekend, arrived two or three days later than expected.

Currently the solar disk is covered with sunspots, although they are small, fairly non-complex regions, not like the recent sunspot 9393 which caused so much excitement over the previous two solar rotations. There is some possibility of flare activity

from sunspot 9445, which exhibits a complex magnetic field.

The latest forecast shows solar flux declining over the next few days, 170 on Friday, 165 on Saturday, 160 on Sunday and 155 on Monday. Flux is expected to reach a short term minimum around 130 between May 13-15, then peak again from May 20-29. The next peak is expected to be lower than recent activity, and not reach a flux value of 200. This is assuming that no new large sunspot regions emerge, which we really have no way of knowing. Geomagnetic indices should be unsettled to active this weekend, with a planetary A index of 15 on Friday and Saturday, 12 on Sunday and 10 on Monday.

Sunspot numbers for April 26 through May 2 were 193, 181, 173, 161, 178, 152 and 179 with a mean of 173.9. 10.7 cm flux was 196.2, 190.8, 187.8, 191.7, 187.8, 209.7 and 176.2, with a mean of 191.5, and estimated planetary A indices were 7, 6, 28, 15, 5, 4 and 6 with a mean of 10.1.



Carbon Amateur Radio Club Regular Meeting Minutes April 19, 2001

Secretary, Bob Schreibmaier, K3PH, called a regular meeting of the Carbon Amateur Radio Club to order at 7:43 p.m. on Thursday, April 19, 2001. Seven people attended. When President, Larry Lilly, N3CR, arrived, he assumed the chairmanship of the meeting.

The minutes were read by Bob, K3PH, and approved by the members in attendance.

John, W3MF, read the treasurer's report. At the last meeting, we had a balance of \$832.58. We had

receipts of \$155.00 from dues and disbursements of \$43.02 for mailing the newsletter (\$4.42), mailing the Carbon Amateur Radio Club promotional post cards (\$19.60), and post office box rent (\$19.00), leaving a total of \$944.56. The members in attendance approved the Treasurer's report.

Goody, K3NG, volunteered to be the Field Day coordinator this year. The Blue Mountain Ski Area was mentioned as a possible site, if we can get it. It was noted that Bruce, N3RXJ, has a contact there, so we will volunteer him to try to get the site for us. It was also noted that Bill, KA3UKL, has the generator, which we will need for Field Day operations.

Larry, N3CR, mentioned that he had contacted the 3rd call area QSL bureau about Jim, K3II's incoming DX QSLs and noted that the bureau prefers 6x9 envelopes with 2 stamps.

Larry, N3CR, also noted that he contacted bus companies about our potential club trip to American Radio Relay League headquarters, but they need more information about the number of people and day of the week.

It was mentioned that the WalkAmerica is scheduled for April 28, however, the March of Dimes has not contacted us about providing communications. Larry, N3CR volunteered to contact the people in charge of the Beltzville WalkAmerica.

The meeting adjourned at 8:24 p.m. to view a videotape documentary about Father Jozef Murgas, the radio pioneer.



ARRL DX Bulletin

DX Bulletin 18 ARLD018
From ARRL Headquarters
Newington CT May 3, 2001
To all radio amateurs

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, QRZ DX, 425DXnews, The Daily DX, W5STI, JT1KAA and Contest Corral from QST. Thanks to all.

AGALEGA AND ST. BRANDON, 3B6. Look for 3B6RF to be QRV from Agalega beginning about May 6. Activity will be on all bands and modes. QSL via HB9AGH.

BAHAMAS, C6. Bill, W4WX, will be QRV from Treasure Cay from May 7 to 14 as W4WX/C6A. He will be active using RTTY and some SSB on the newer bands. QSL to home call.

ETHIOPIA, ET. Claudio, ET3VSC, has been QRV of late on 21260 kHz between 2030 and 2330z. QSL via K3IRV.

GUINEA-BISSAU, J5. DJ6SI and others are QRV as J5X. They will be QRV until May 11 on 160 to 6 meters using CW, SSB, RTTY, FSK and SSTV. QSL via operator's instructions.

JAPAN, JA. Special event station 8J3EAG is QRV until May 27 from the East Asian Games in Osaka. Activity is on 80 to 10 meters. QSL via JA3DBD.

MONGOLIA, JT. Special event station JU1O will be QRV from May 5 to 13. QSL via JR0CGJ.

FRANZ JOSEF LAND, R1FJ. R1FJL has been QRV on 24911 kHz from 0800 to 1230z. QSL via UA3AGS.

POLAND, SP. Helmut, DL7VOX, is QRV as SO1VOX from Wolin Island, IOTA EU-132, until May 15. Activity is on all HF bands, including the newer bands, using mostly CW. QSL to home call.

EGYPT, SU. Said, SU1SK, has been QRV on 21084 kHz just after 1200z.

CENTRAL AFRICA, TL. Charles, TL8CK, has been QRV on 17 meters just prior to 2100z. QSL via F6EWM.

UKRAINE, UR. The Ukrainian QRP Club will hold its first QRP expedition to the mountain Ai-Petri in the Crimea. They will be QRV as EM5QRP. Activity will generally be on the international QRP frequencies using mostly CW. Some SSB, RTTY and SSTV activity is also planned. QSL via UR7IRL.

MONTSERRAT, VP2M. Look for VP2MR to be QRV for the first two weeks in May on all HF bands. QSL via W5PB.

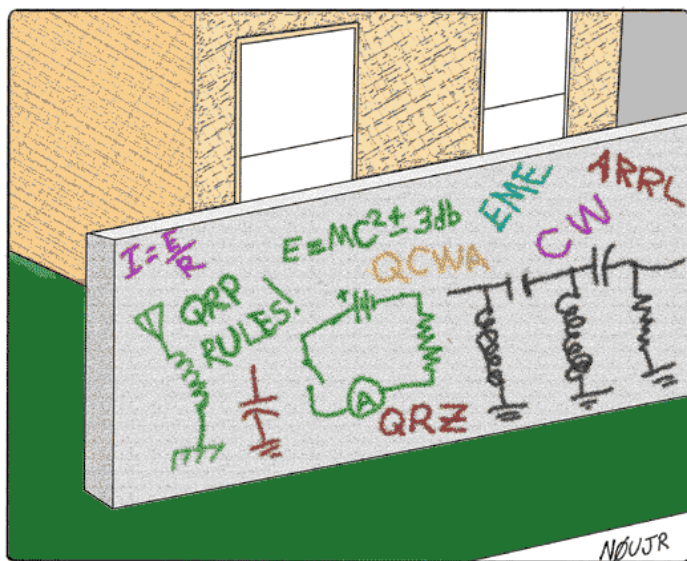
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IRAQ, YI. Rodger is QRV from YI1BGD. He has been active on 18150 kHz just prior to 1400z and then on 14184 kHz just before 1600z.

ASCENSION ISLAND, ZD8. Jim, N6TJ, is expected to be QRV as ZD8Z from May 7 to 17. QSL via VE3HO.

CHATHAM ISLANDS, ZL7. Ed, K8VIR, is here on business during the next few weeks. He will be QRV as ZL7IR during his spare time. Activity will be on 20, 17 and 15 meters. QSL via W8WC.

THIS WEEKEND ON THE RADIO. The MARAC County Hunters CW Contest, ARI International DX Contest, Danish SSTV Contest, Indiana, Connecticut, and Massachusetts QSO Parties, Ten-Ten International Net Spring CW QSO Party and the VHF/UHF Spring Sprint will certainly keep contesters busy this weekend. Please see May QST, page 106 for details.



Ham graffiti.

Check out <http://incolor.inetnebr.com/n0ujr> for other cartoons and to purchase N0UJR's book, "N0UJR and His Friends."



Heard Through the Grapevine...

The club needs an EC/RO for the ARES and RACES activities. Contact Larry, N3CR, for details.

Carbon Amateur Radio Club – 2000-2001 Officers

President: Larry Lilly, N3CR ka3afy@ptdprolog.net
Vice President: Glenn O'Donnell, K3PP
Secretary: Bob Schreibmaier, K3PH
Treasurer: John Schreibmaier, W3MF
W3HA Callsign Trustee: Bill Dale, WY3K
W3HA Repeater Trustee: John Bednar, K3CT
Public Information Officer: Bill Kelley, KA3UKL
Skywarn Coordinator: Mike, N3XYU

Directors

John Bednar, K3CT, Bruce Appleton, N3RXJ, Bert Rex, W3OWP

Illuminator Staff

Editor: Bob, K3PH k3ph@dxis.monroe.pa.us

Contesting: Glenn, K3PP

DX: Bob, K3PH

Foxhunting: open

Propagation and Commentary: Larry, N3CR ka3afy@ptdprolog.net

QRP: Lamar, N3AT n3at@noln.com

Technical: John, K3CT k3ct@fast.net

Newsletter Printing, Folding, and Mailing: Bob, K3PH

Services

W3HA Repeater: 147.255 Mhz + PL 131.8

CARC Website: <http://www.cpals.com/~elitehom/carc/>

Webmaster: Rob, KB3BYT roomberg@ptd.net

CARC Email Reflector: see www.gth.net CarbonARC list for details

CARC Membership Information

Regular Membership is \$15.00, which includes autopatch privileges.

All amateur radio operators are invited to join the CARC ARES / RACES net held 21:00 local time every Wednesday on the W3HA repeater at 147.255 Mhz + offset, PL 131.8. Any amateur radio operator or anyone with an interest in ham radio is welcome to attend our monthly meetings which occur the third Thursday of each month at 7:30 PM at the Carbon County EMA Center on Route 93 in Nesquehoning.

Carbon Amateur Radio Club
C/O Bob Schreibmaier K3PH
P. O. Box 166
Kresgeville, PA 18333-0166