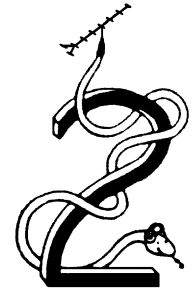




S.W.O.T. BULLETIN



OFFICIAL NEWSLETTER OF THE SIDEWINDERS ON TWO AMATEUR RADIO CLUB
SSB, CW AND DIGITAL OPERATIONS ON 144MHZ AND UP

BULLETIN # 280

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S.W.O.T. GENERAL INFORMATION

- Send renewals and new applications for membership to Howard Hallman WD5DJT. Please make all checks payable to SIDEWINDERS ON TWO. And all I need is your SWOT # for your renewals if you want save your bulletin!!!
(See address above)
- Send your SWOT “members worked” from your log to, SWOT Awards manager, Wade Massey, 1016 Weiss Ave, Princeton. TX., 75407 \$1.00 fee for certificate and your certificate number would be appreciated, also SASE.
- Send all applications for County Awards and County Awards correspondence to the SWOT VUCA Awards Manager, Len Parsons W5AL, 11361 Tascosa Rd. FM 1061., Amarillo, TX. 79124
- E-Mail all articles and reports to the Editors’ Web addresses listed above or you can mail them to KA5DWI, 6516 Simmons Rd, NRH, TX 76180-4243.
- **MERCHANDISE:**
Decals and listings available for \$1.00 each for shipping and handling from the Secretary/Treasurer.
SWOT PATCHES ARE AVAILABLE AT PRICE OF \$4.00 EACH + \$.50 FOR MAILING
Badges are available from “The Sign Man”, Rick Pourciau NV5A, <http://www.thesignman.com/menu.html>

ON THE WORLDWIDE WEB

Be sure to join and chat with other S.W.O.T. members at: <http://groups.yahoo.com/group/sidewindersontwo>

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The Chairman's Corner

By John Petersen "KM5ES"

Well another year has come and gone and the 2002 SWOT meeting is history.

I really enjoyed our meeting this year. We had a very good group of members at this meeting. We accomplished quite a bit during the meeting at Hamcom.

Our dues for SWOT were raised after 19 years to \$12.00 from \$10.00. Also, officers and board members were re-elected to their previous post in SWOT.

Also looking into the future of The Sidewinders-on-Two Radio Club. We discussed the formation of a new website, to allow members to take advantage of. Don, K5LOW, Vice Chairman started a donation for the website.

The new site will carry email addresses for currently up to date and paid SWOT Members. Paid members will have the capabilities to have their email sent to our own pop3 server. I will also be working with some CGI-Bin formats toward a real-time chat server and capabilities. Also, to view the SWOT Newsletter online by using a password system. This will be coming soon. Again, it is available to the paid membership. Also, we will be coming up with all sorts of things for the membership to take advantage of on the website.

Also, Art Jackson, KA5DWI has taken the newsletter by the reins and will be your editor for the newsletter. The newsletter will be available by email in .PDF (Acrobat Reader) format or by regular mail. We are encouraging that as many members as possible use email to receive the newsletter. We hope to have 75% of the membership receive the bulletin by email if possible. This will save the club quite a bit of money.

Again, many thanks to all for your support to the club. Let's make the coming year a better one for the SWOT members.

John Petersen KM5ES #3331
SWOT Chairman 2002-2003

From the Editor's Desk

By Art Jackson "KA5DWI"

Well, I was declared at the annual SWOT meeting as the official editor of the Bulletin. Seeming that I really like doing this, I couldn't give it away. So you are all stuck with me.

This month we will concentrate on the meeting, some of the VHF contest and few other points of interest. I will forego the SWOT Member Highlight this month. As few things came up this week and I was unable to arrange a good victim to interview.

Remember, you are required as a SWOT member to answer your phone if the caller ID says, VG Jackson or ATT Wireless 8172337***. That's me looking for you.

I always appreciate an article from you all. It can be difficult trying to be creative at times. Also, keep giving me feedback, positive and negative. That always motivates me for the next Bulletin.

It was a pleasure meeting so many of you all at Ham-Com. Can't wait for next year.

73's - Art Jackson KA5DWI, SWOT#2497

2002 Sidewinders On Two Radio Club Meeting at Ham-Com 2002

Recap and Comments - John R. Petersen, KM5ES #3331 SWOT Chairman

Many thanks, to the members that showed up for the SWOT meeting. I got to meet a lot of the members that I had spoken to several times in the past. Always is good to finally put a face with the voice.

To All Members:

Here are some of the changes that are being implemented into SWOT.

1. No change as far as Board Members and Officer's. This was approved and voted on by the attending membership.
2. All new SWOT members and members which will be renewing their membership there is an increase in dues. Dues have been increased to

\$12.00 per year. For current members, your dues will be \$12.00 upon renewal.

3. All members of SWOT, that have Internet capabilities and access will be asked to change the mailing of their newsletters to be sent in .PDF (Acrobat Reader) format monthly via email. This will lower the cost of mailing paper newsletters.

4. A fund was started by several members to collect donations from members for our own Website, which the club will have its own domain name with email addresses to be provided to the active membership.

Anyone that would like to donate money for the Website can contact Howard WD5DJT and make sure money donated is earmarked for that purpose.

5. Also let it be know that Art Jackson KA5DWI is the editor of the Official SWOT newsletter which is sent out monthly.

John KM5ES is no longer a co-editor. Art has agreed on the newsletter editorship. All club information needs to be sent to Art for publication, then which at that time it will be sent to Howard WD5DJT for distribution either by email or by snail mail.

6. There were several presentations at the meeting. Don, K5LOW had a presentation about the nets and Net controls.

Art,KA5DWI had a presentation on the newsletter and articles.

Wade Massey, KC5MGL had a presentation about the awards program sponsored by SWOT.

7. Meeting was adjourned.

Again thanks to all who attended and those who have worked so hard as NCS, Officers, Board members and committee appointees.

John R. Petersen KM5ES #3331 SWOT Chairman

Pictures of the SWOT Event

Thank you Lee Kemp, N5TIF for bringing your camera on short notice to take a few snapshots.



The crowd gathers in anticipation of the big event.



John, KM5ES calls the meeting to order.



We all share a story, a smart comment and a few laughs with John.



Wade, KC5MGL & SWOT Award Manager hands to Art, KA5DWI his worked 200 SWOT Member award.



A motion was made and seconded that all Officers and Managers of SWOT retain their current positions and titles. As you can see by the raising of hands, it was unanimous.



A motion was made, seconded and approved that the "hat" be passed around to obtain funds for the future SWOT Website. A nice collection of dollars were counted by Gene, K5DPS and handed over to Howard, WD5DJT.

SWOT Flea Market Booth

For as many years as can be remembered, Howard WD5DJT has promoted SWOT by having a flea market table inside the convention center.

Many of us visit it each year. Prospective members can pickup a Newsletter, a grid map and other sundries pertaining to "Weak Signal" operation.

Here is a list of who stopped by and signed the register:

NAME	CALL	SWOT#	GRIDSQ.
BOB VOSS	N4CD	2022	EM13
GARY COOPER	KA5TXC	2766	EM12
MIKE FRIEDEL	N5SRE	663	EL29
PAUL BINYON	W5PJB	3155	EM13
DANNY CROMAZ	W5WB	3370	EM12
CARL AYRES	N6GJR	2503	
DOM SIMONTON	K5LOW	3194	EM22
BOBBYE O'REAR	W5III	3342	DM91
BILL DUVAL	K5UGM	40	EM12
ALEX KAPLINSKY	K5UNY	3389	EM12
LARRY LINTHICUM	N0MST	3348	EM27
RANDON PORTER	WA5BEG	3111	EM12
CURTIS MURRAY	N5CTD	2230	EM12
ART JACKSON	KA5DWI	2497	EM12
LEE KEMP	N5TIF	3319	EM12
MIKE BAKER	W8CM	1045	EM13
FLOYD RODGERS	KC5QBC	3340	EM12
WILSON HOAG	WA5OLT	2193	EM12
BOBBY L. JOHNSON	K5YPP		EM12
CURT GRADY	KM5NO	3187	EM12
WADE MASSEY	KC5MGL	3217	EM13
STEVENS HOLMAN	N5WDD	3336	EM22
Signed List Continued:			
BOB LANDRUM	W5FKN	3152	EM13
GENE HODGE	K5DPS	3108	EM13
JOE FOBBS JR	N5HOJ	2799	EM12
HAROLD WILSON	W5FR	2853	EM12
LARRY D. CLARK	KD5FOY	3312	EM12
AL WARD	W5LUA	97	EM13
RICK TUCKER	W0RT	363	EM27
MITCH DEES	KD5DTQ	3339	EM12
JACK VITTRUP	WA5TMU	3333	EM22
SAMMY PIRAINO	W5DPP	1094	EM10
WAYNE DAY	N5WD	333	EM12
KENT BRITAIN	WA5VJB	193	EM12
BILL ROBBINS	KA5VJB	2912	EM00
DELBERT FLETCHER	K5DDD	3251	EM20
JOHN PETERSON	KM5ES	3331	EM25

Thank you all for stopping by this year.

Other Info:

Although your editor did not see a formal announcement, it appears that Ham-Com will host the ARRL National Convention next year. Mark your calendars. This will be a great opportunity to meet other members. Hopefully we will all get a chance to do this again.

As the phase goes, a good time was had by all.

Dayton 2000, a Short Story

By Larry Hogue, W6OMF

DXCC walked by the booth in just the first day... I couldn't keep up with all the great people coming by to say hi and chat... They were great...

It started dawning on me by Friday afternoon that my first run at Dayton was going to be great... The set up of the M² booth occurred Thursday morning and by Thursday evening we gathered around the dinner table with some of great operators.

Our Host and Hostess for the stay was our EME friend Gary KB8RQ and his magnificent wife Barbara, N8DFN, they also hosted EME's great Dave, W5UN and his wonderful wife Charlotte, Mike, K6MYC, the renowned Myrna, K6MYM, and Wyatt, KF6VMW of M² were my table companions. Think about it, can you image where that conversation went? Everywhere!!! From EME, antennas, digital, power, HF, VHF and on and on... It was great!!!!

I would not know what adjectives to use in describing the Dayton HAMVENTION! Huge, Vast, Enormous, and Giant only describe its size... Wonderful, Incredible, Amazing, Fantastic, and Astonishing are the best in describing the people, their displays, their attitude and the DARA committal to making it a safe and great time. For this I thank them all.

An overview of what I saw and know. 6000 privately owned pay-to-park parking spaces located near Hara Arena. 2800 outdoor swap sites, 657 indoor display spots, testing of over 300 people a day was the average and the attendees ran around 25,000. The donation of door prizes totaled over

\$85,000 and many happy hams went home with grand items.

I guess without getting into a long dissertation, I would say that if you've been there, you know what I'm talking about. If you haven't been there you need to enjoy it at least once.

If I may plagiarize some from Frank Schwab, W8OK, "We all like to be part of a winning team." With the making of new friends, renewing friendships, and the people of Amateur Radio you can't beat the Dayton HAMVENTION. 73 de W6OMF

Results of the 2002 North American Meteor Scatter Rally

C/O the WSJT Group

Notes:

1. S means single band entry, M means multi-band.
2. L means low power (less than 200 watts) H means high power.
3. Entries below the band headings give number of QSO's and grids contacted on that band.

Call	Grid	S/M	L/H	50	144	222	QS	Grd	Score
AB0SD	EN30	M	L	3/3	3/3		6	6	36
KOPW	EN34	S	H		43/38		43	38	3154
K1JT	FN20	M	H	21/20	39/34	1/1	61	53	8056
K1SIX	FN43	S	H	23/21			23	21	1071
K2OVS	FN30	M	L	3/3	3/3		6	10	60
N0UK	EN34	S	H		6/6		6	6	96
N80C	EN83	M	L	3/3	7/7		10	10	260
W5SNX	EM73	S	H	7/7	17/16		24	23	1288
W5UWB	EL17	S	H		2/2		2	2	4
W8PAT	EN81	M	L	2/2	8/8		10	10	160
W8WN	EM77	M	H	5/5	23/20		28	25	1450
W9BLI	EN64	M	L	9/9	10/10		19	19	855
WA5UFH	EL19	M	L	8/8	9/9		17	17	663
WB2SIH	FN31	S	H	13/13			13	13	299
WB8TGY	EN72	S	L	9/9			9	9	171
W09S	EN61	S	L	2/2	4/4		6	6	36

Total number of submitted logs: 16 (WA5UFH non-competing score)

Total number of unique Grid Squares in all of the logs: 60

Total number of unique calls in the submitted logs: 74

Many thanks to all those who participated in the 2002 North American Meteor Scatter Rally! From all that we have heard, the event was greatly enjoyed by all who took part. Many of us worked some new grids, made initial meteor scatter contacts with newstations and met old meteor-scatter friends on the air once more.

Whether you were into the event in a serious way or "just getting on to give the guys a few points," it was an enjoyable time in which to celebrate our annual emergence from the meteor "low season."

Thanks, once more, for your interest in promoting amateur radio communications by meteor scatter propagation! We invite your replies to be sent to the High Speed Meteor Scatter Reflector, hsms@qsl.net.

-- 73 from your Rally Sponsors,

Tip WA5UFH
John KM5ES
Joe K1JT

A 2002 Geminids North American Meteor Scatter Contest has been proposed for the second weekend in December. Your comments and ideas are requested. More to come.

2002 ARRL VHF QSO Party

Early comments from the members

From Don Simonton, K5LOW:

The contest started with a little opening on 6m to the northeast and lasted until about 1900z. I made about 20 contacts before the band died here. I worked mostly locals after that on 6,2, 222 and 432. I didn't work any stations on 1296. At 2024z I made my last contact of the day...a grand total of 35. I spent the rest of Saturday traveling to and from Ft. Worth. My daughter was hosting an "open house" at her "new" old house in the Fairmont area. It was an enjoyable evening, but I couldn't help but think there was probably an incredible opening that I was missing.

Sunday arrived a little late for me after getting to bed well after midnight. I made my first contact at 1207z. The bands were fairly active until about 1:00pm local time. After that I had plenty of free time to watch the Nascar race on TV. Things did begin to pick up about 6:00pm again and I worked a good number of stations on the four bands until about 9:00pm.

Here is my summary:

122 QSO's 161 QSO Points 59 Multipliers
Total: 9499 Points

From Mike Kirchoff , WA4ATJ, FN20

This was my second VHF/UHF contest with the January contest having been the first. As I just became active again last September after almost 20 years of concentration on other things, there are a lot of new things for me to get interested in. The "world above 30 MHz" is part of the "new fun". This segment of the world of amateur radio is certainly different than the HF world that I was active in previously (I am very active in the HF world again as well).

There was not nearly as much activity in this contest as there was in January. My January results were,

	QSO's	Grids
A	84	18
B	102	17
D	44	10

Total points 12,330

Fortunately I decided before this contest to concentrate on grids rather than number of Q's. My results this month were,

	QSO's	Grids
A	82	36
B	72	24
D	31	17

Total points 16,632

Since I got new grids on all bands, I am relatively satisfied. However, it sure felt like I was working harder and more hours in this contest than in January. I am more comfortable with the S&P approach although I will "run" contacts when things slow up for me. As a result of my basic approach, I find myself getting fairly angry at the tendency of many operators to "leap" at the chance to run the bands and leave many Q's behind by moving off frequency with people still answering their CQ's. Why not at least ask if there is anyone else who wants to run the bands with you and your most recent contact before you leave? Why not ask if there is anyone else out there before moving on to the nextband? The big gun, single ops in this area seem to leave the band running until late in the contest after they have worn the individual bands out calling CQ. Am I the only one the practice of band hopping early in the contest bothers? Have I missed the whole point?

For the record, I did run the bands with several individuals as well as "groups" of 2 to 4 others at one time. The later seems much more productive to me.

73's

From Lee Kemp N5TIF, EM12

UUUggghhh

Is the only thing I would say about the contest. Little or no Es to speak of, had a small opening to the NE for about 20 minutes that was it 'till late Saturday night. Then it open to the NW about the same amount of time. 6m was a disaster to say the least. As for as 2M I did well I worked as for north as EM27 and as for south as EL17. To the East, I worked into EM32 not far in that direction had a bad noise problem there. And then to the West was DM 91 Bobby W5III.

I worked a total of 4 different rovers not bad. In January, I worked only 2. This was an improvement. I did hear two stations that were weak they were in EM08 & EM07. I need those grids for VUCC but, either they could not hear me or there were to many stations around in the contest.

Some of the loudest stations were NL7CO, K5YWI, K5TR, K5LLL and a few others. On 6M, I made a terrible mistake I worked a guy in EM33 on 6m. This was very early on Saturday. And then a guy in EM32, but when I finished, I realized that I need that grid in EM33 for 2M for a new grid. After letting out a few expletive words I just let it go and continued on.

For the September contest I am going to put a list of grids in front of me so I would not make a %^^&** mistake again.

All in all it was fun with a few lessons learned. See you in September.

From John Petersen, KM5ES:

Well folks I think I'm hooked. I put the TM-255A Kenwood in the seat of the pickup and headed out. First I went just north of the house in the flat and worked W5VHF EM25, WB5YWI EM25, just to check the system out at this time I was only running 40 watts. I got brave and drove down into EM24.

Here things got better.

One, I was on a small mountain, elevation around 1000 ft. I worked NL7CO EM04,N5TIF EM12, and 2 stations in EM25. I thought I could do better but the best was yet to come.

Drove back homeward and decided to go to EM15.Over in Hughes County just barely into EM15 several miles west of Dustin, Oklahoma. Found a great location. I worked the 2 stations in EM25, worked N5TIF EM12, NL7CO EM04, WD5AGO EM26,K5LOW EM22, and then headed back to my home at Stidham.

Everyone knows I have been without a station since early March and I have been slowly getting everything back together. Which more or less now I have a new station for me. The radio is a Kenwood TM-255A, and a new amp Mirage B-5016G, also thanks to T.J. KC5KLY for the use of his MFJ-259B. The station array will be put back together with no SWR I pray.

So back to the trials of roving, I got back home and put the new amp in the car which I got from Jerry N5OSK which was in mint condition sitting in closet. Time to go back out.

With the preamp on the amp I was hearing alot more. Now for the test, Back to another mountain in EM24. Worked the following grids with the setup now:
EM07, EM06, EM04x2, EM18, EM17X3, EM22, EM12, EM13, EM26, EM27 and heard EM33 but, at the time I didn't have the amp.

The moral of my story is:

1. Power. On VHF rules although it can be done with 40 watts or less.
2. Run a portable beam. I have a spare, just didn't take time to mess with it.

From John Geiger NE0P, EM04

Conditions in EM04 for the June VHF contest were the worst in a long time. 2 meters was average propagation, but 6 had very limited E-skip. Had a couple of brief e-skip periods (like 10 minutes each) on Saturday afternoon, with very brief periods on Sunday evening., That was it. Worked a total of 16 grids on 6M which is very low for a June contest.

Things got so bad I left the contest to watch the Tyson/Lewis fight, which was equally bad.

Still, I worked 5 new grids on 6M, 3 new grids on 2M and 2 new on 432. I think that 432 had the best conditions of all three bands. One advantage of moving is that almost everything is a new grid from your new QTH.

Lets hope things are better this weekend for the SMIRK contest. I am taking up a collection for sacrifices to the propagation gods. Given last weekend, we in SW Oklahoma must have ticked them off pretty good.

73s

From Art Jackson, KA5DWI EM12:

Once again we were not blessed with the best of conditions for the contest here in the Midwest US.

Looks like very good tropo like conditions in the eastern US occurred. The Midwest saw good local enhancement opportunities. Parts of the western USA had some real nasty weather to spoil an outing or two.

E-Skip was nil on 2 Meters,

I was optimistic early. Here in North Texas we had a 6 Meter opening into the Atlantic states as the contest started. Later that afternoon, the earth was brushed by a minor solar disturbance. That pretty much killed any development of a widespread E possibility.

Everything after that on 6 was apparently aurora induced E's. Stations would be in and out, mostly out. It was very weak. Also, very strange sounding signals. The E Cloud MUF's remained in the 50's from all accounts. I was quite happy in that what little 6 Meters E's we had here resulted in 6 new grids for me from British Columbia, Washington, and the Dakotas. That was very impressive considering the number I currently have. The grid count on 6 Meters is now 439, so 6 new ones is a good thing. Wish I could have increased the 2 Meter one.

Life goes on. I passed my call to those who were competing. Once again the YL managed to pull me away for extended times. I totally missed the rovers

that were out there. Sorry. The cooling fan for the amplifiers never got a work out.

I pray that the CQ VHF contest is better. It was very good last year, but is one week later. Hope to present a better effort.

Final results:

Band	QSO's	Grids
6M	25	19
2M	13	8
70CM	6	5
Total Score - 1600		

Announcements

Hollis "Whit" Whittenberg, W5GG a long time resident and Weak Signal proponent in the Dallas-Fort Worth area in EM12 succumbed to cancer. Whit was 80 years old and a big voice on 10, 6 and 2 Meters.

Our condolences go out to his family and friends.

On the World Wide Web

A few sites Weak Signal operators may be interested in. Send in your favorite sites, they will be listed here.

From Dan Henderson, N1ND
ARRL Contest Branch Manager

I wanted to remind you that participants in the ARRL June VHF QSO Party are invited to add the comments, stories and photos to the ARRL On-Line Contest Soapbox area at:

<http://www.arrl.org/contests/soapbox/>

Select the June VHF QSO party and follow the instructions. Once you have your text comments in, select Preview, and you will be given the chance to add photographs.

Thanks and 73

Want to see what Europe is doing on 2 Meters? Great summaries, audio clips and maps on each 2 Meter opening. Someone in the USA needs to do this in the future.

<http://www.vhfdx.de>

DX Reports May16- June15

By Art Jackson KA5DWI

Each month we will attempt to let you all know what has been going on 2 Meters and give you an idea what you can expect in the next month. Please Mail or email your DX reports to me and we will get them in the newsletter.

DX Reports

All dates are based on UTC.

Meteors:

The Arietids meteor shower helped give a few new multipliers during the ARRL VHF Contest. Many good reports continue.

Moon:

Another WSJT JT44 breakthrough was reported last month. A successful EME QSO was completed with one station using a single Yagi and 100 watts with little effort. Of course, W5UN was on one side of the equation.

Aurora:

It was a slow period. Several disturbances hit us, but nothing major was reported.

E Propagation:

It was beginning to look like North America was going to be denied any E's. Pat Dyer WA5IYX, one of the best sources of "E" propagation reported only 200 minutes of any kind of "E's" in the month of May. This about a fourth of what usually occurs. Since the VHF Contest, things have picked up. On June 14, at 2350 UTC, the first 2 Meter E's occurred as KS began working PA & NY.

The opening expanded into Eastern Oklahoma and Ontario by 0020 UTC, June 15.

Our chairman managed to hoard all the DX.

John's report:

VE3AX	FN02	0020
VE2JWH	FN35	0107
KB2ZSP	FN33	0112
VE3SXE	FN25	0114
VE3KKL	FN25	0136

Congratulations John, we are still jealous.

Europe, on the other hand has had seven (7) days of at least one daily 2 Meter E opening this June.

Go figure!

Tropo:

Turned out being a little slow after an early active period. Many reports of local enhancement but, very few super refraction ones.

5/16: Florida to Puerto Rico. Some thought it was E's. OK to S.TX

5/17: S.CA to HI, Big Signals!

5/26: NC to Central FL

5/28: NC to RI

6/02: SW OK to Central LA

6/02 & 03: Central TX to N. FL,

6/03: S. MS to FL

6/04: S. FL and Bahamas to NC

6/05: HI to S.CA

6/07: KS to N. MS & IL, IA to ONT

6/08: HI to N. CA, ONT to MO

6/09: W.NY & Central PA to N.MI, Central IA to Central TN,

6/10: N.GA to S.FL

6/13: Central AR to S.TX

Sources: *DX World 144 Propagation Logger* and *SWOT Group Page*

What to expect June 16-July15:

Propagation stays hot!

Meteors:

Meteor activity stays very active. No major showers for this period, but we see many moderate and minor ones. Two days look interesting. 06/28 and 07/07 see a few moderate showers peak. Specific shower info is listed in the next section.

Aurora:

The sun has not been as active as it has been in past months. Solar flux has begun to steadily decline. Only one X-type flare occurred on 5/20. It was also very brief. Although some activity occurred off and on from 5/17-20 and 5/28-6/1, it has been very quiet since then. The potential source of CME's remain polar coronal holes. NASA has predicted 6/23,29 and 7/6-7 to be a more active period. Be sure to monitor *Spaceweather.Com* for possible events.

Tropo:

By Mid-June, we look for Tropo to be a result of new heatwaves that develop. Generally the western and southern areas of the heatwave are the best sources.

Also, the arrival of any stalling cool front from Canada can have potential. If it makes it to the Gulf of Mexico, be very alert. The change from a cool core high to a warm one can bring a major opening. All tropo conditions result from an upper air high-pressure system capping the upper atmosphere.

E-Layer Propagation:

“E” season is here. It will get no better than this. It remained slow. Don’t be surprised if it makes up for lost time. Keep an eye for activity beginning on 10 and 6 Meters. Shorter “skip” is a rising MUF. It seems like that in recent years, 2 Meter “E’s” are more active throughout July than June. No idea why, but many theories abound.

The July 4th weekend seems to have an opening or two.

Moon:

Good days: 06/16-20,07/10-17

Best days: 06/16-17, 7/11-14

Bad days: 06/24

Based on low sky noise and path loss readings (DEGR) less than 3dB. Bad days are those with a 10db plus reading.

Lunar, Solar and Astronomical Events

Lunar: Apogee – 07/01

Perigee 06/18, 07/14

New Moon – 07/10, Full Moon – 06/24

Solar: Overhead 06/16: - 23.3°N, 07/15: - 21.5.°N

Summer Begins 6/21 1325 UTC

USAF Predicted Solar Flux Average:

06/16-07/15: 155 (Decreasing by 10)

Definitely on a down hill slide. 6 Meter

DX’ers may start selling equipment.

Meteors:

All Showers: 06/16-06/30, 10 Peak

07/01-07/15, 17 Peak

No major showers

Moderate Showers:

54 Perseids, Beta Taurids, Corvids:

Peaks 6/26, cumulative ZHR about 65 per hour rate

Good North/South paths.

Nu Geminids, Lambda Geminids, Beta Cancerids,

Capricornids

Peaks 7/07-08, cumulative ZHR up to 110.

Good North/South paths

More meteor info at:

<http://comets.amsmeteors.org/meteors/calendar.html>

Event & Contest Calender 2002

June 22-23 ARRL Field Day
July 20-21 CQ Worldwide VHF Contest
****This Contest is a week later this year.

July 26-27 Central States VHF
Conference, Milwaukee WI
August 3-4 ARRL UHF Contest
September 14-16 ARRL VHF QSO Party

SWOT NET REPORTS

Here are the net reports for June and July. The first figure listed for each date is the number of check-ins and the second is the number of grids.

Northern California (Sunday):

Month of May

05/05/02...76 05/12/02...74

05/19/02...No Net - Dayton 05/26/02...56

Larry says, “I shouldn’t have given them a week off...”

Central Louisiana (Tuesday)

5/14/02...No Report 5/21/02...11/7

5/28/02... No Report 6/04/02...13/8

6/11/02... 9/6

Northern Missouri (Tuesday)

5/14/02...20/12 5/21/02...9/6 5/28/02...10/3

6/04/02...22/13 6/11/02...16/8

North Texas (Wednesday)

5/15/02...25/13 5/22/02...28/15 5/29/02...22/11

6/05/02... 24/15 6/12/02...37/16

SW Oklahoma (Thursday)

6/13/02...8/1

Eastern Oklahoma (Monday)

No Reports

East Texas (Saturday)

5/18/02...10/4 5/25/02...15/6 6/01/02...18/8

6/08/02...12/6 6/15/02...18/9

SIDEWINDERS ON TWO" ENROLLMENT OR RENEWAL FORM

NOTE: Though your membership and number are good for life you must renew annually to receive the newsletter and stay on the active list..

Enclosed find check/MO. to: New member---\$12.00_____ Renewal----\$12.00_____

Howard Hallman WD5DJT, Sec.Treas.

3230 Springfield Lancaster, TX 75134-1214

New Member. I have worked the following members:

Call: _____SWOT No._____ Call: _____SWOT No. _____

Renewing: My SWOT No. is _____

Name: _____ Call _____ Grid Square _____

Street address _____

City _____ State _____ Zip Code _____

Telephone Nos. _____ E-mail _____

SWOT NETS

Day	Local Time	Area	Net	Frequency	Net Control Station
SUN	8:30A	TUCSON AZ	ARIZONA	144.250	N7SQN AL
SUN	8:00P	VACAVILLE CA	NORTHERN CALIFORNIA	144.250	W6OMF LARRY
SUN	9:30P	HOLLAND MI	MI SWAM	144.155	K8NFT
MON	7:30P	ALBUQUERQUE	NEW MEXICO	144.200	N5XZM BOBBY
MON	8:00P	WOODLAND PK	COLORADO	144.220	W2CRS WBODOM
MON	9:00P	OKLAHOMA	OKLAHOMA	144.250	WD5GVP ED
MON	8:00P	SANDUSKY	E. MICHIGAN	144.250	W8IDT BART
TUE	8:00P	CA.NO CTYS	NORCAL	144.250	KF6BXH BILL
TUE	8:00P	EM31 LA.	CENTRAL LOUISIANA	144.250	K5MQ DAVE
TUE	9:00P	N. CENTRAL MO.	N. CENTRAL MO.	144.250	N0PB PHIL KB0PE DAVE
WED	8:00P	IA-MO-IL	TRI STATE	144.250	WZ9D N9CXO
WED	9:00P	NO TEXAS	NORTH TEXAS	144.250	W5FKN BOB
THU	8:00P	CA SO CTYS	NORCAL	144.250	KC6CHJ
THU	7:30P	LAWTON EM04	SOUTHWEST OKLAHOMA	144.250	WH6LR JIM
THU	9:00P	TENNESSE	UPPER CUMBERLAND	144.225	N2BR BOBBY
SAT	7:00A	EAST TEXAS	PINEYWOODS	144.250	K5LOW DON