



News and Events, June 2025 Edition

FROM THE PRESIDENT'S DESK

Hamvention has come and gone. It was good to meet up with some TCG types, whether for a few moments or an extended visit. My apologies for not putting together a TCG photo opportunity or other planned TCG gathering. Hopefully everyone who went experienced some nice camaraderie with testers from all over. I was grateful to catch up with some friends whom I hadn't seen in a decade or so, including the likes of N5KO and HA1AG. You never know who you might cross paths with at Dayton. I like N9RV's suggestion to "embrace random encounters" while at Dayton. For anyone who missed it, I highly recommend watching KL9A's talk at the contest dinner. Link: https://youtu.be/ZCD8BiAgq_s?si

It will soon be officially summer in Tennessee, with the major event of the month being of course Field Day. Over the years, TCG has had operators sprinkled all over the state, putting in setup time, operating time, or both. FD is a great opportunity to demonstrate contest-style operating techniques, station design and construction tips, power distribution, and many other facets of amateur radio.

Many top contest operators of today got their first exposure to contest-style operating at Field Day. I still remember my first Field Day in TN, watching K4AMC, K0EJ and W9WI operating at a level that I'd never seen before. They were using computer logging and automated CW keying. The experiences that weekend hooked me on contesting like a helpless fish. That FD was also the closest that I've ever been to a direct lightning strike, but that's another story for another time.

It's a different world now, over 3 decades later, but the magic of Field Day still holds a special place for me. I remember staying up all night with K1KY and company, running the pileups, telling funny stories, correcting each other's CW copying ability (Tom is WAY better than I'll ever hope to be) and laughing until it hurt. Thanks Tom, for those great memories.

Now is the time to make some new memories. If you have some Field Day plans, feel free to share them with the group. Any special strategies or equipment to be deployed? How about the most important part, the antennas? The TCG reflector is a great place to share ideas and reflections. Let us know your favorite way to approach Field Day.

73, —Kirk K4RO TCG President

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CONTEST ACTIVITY

Here is a selected list, as of this publication, of those who put up scores on [3830 Scores Summary](#) in May:

[7th Call Area QSO Party](#) 2025 May 3

SOCW HP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Dig	Qs	Mults	Op	Time	Score	Club
AC6ZM				183	0	0	0	66	10			36,234	TCG
NS4X				83	0	0	0	45	4			11,205	TCG
AF4T				82	0	0	0	42	2.48			10,332	TCG
W4NZ				46	0	0	0	30	2			4,140	TCG
W3TB				26	0	0	0	16				1,248	TCG
W6UB				29	0	0	0	20	.1.6			1,160	TCG
K3FH				10	0	0	0	6	0.5			180	TCG

SOCW LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Dig	Qs	Mults	Op	Time	Score	Club
K3IE				77	0	0	0	53	3			12,243	TCG
WM4Q				64	0	0	0	46				8,832	TCG
K4KYN				49	0	0	0	26	4			3,120	TCG
K4AMC				56	0	0	0	35	1:30			1,716	TCG
W4UT				31	0	0	0	25	1			1,550	TCG

SOMixed LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Dig	Qs	Mults	Op	Time	Score	Club
W9WI				15	5	0	0	16	2			560	TCG

SOSSB LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Dig	Qs	Mults	Op	Time	Score	Club
N4MCC				0	149	0	0	93	11:38			13,764	TCG

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[ARI International DX Contest](#) 2025 May 3

SO Mixed HP

Call	OpMode	Remote	CW	Qs	Ph	Qs	RTTY	Qs	Mults	Op	Time	Score	Club
AA4DD				20	0	0	30	36	3.5			13,032	TCG

SO Mixed LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	RTTY	Qs	Mults	Op	Time	Score	Club
N4MCC				0	11	0	17	7	2			2,992	TCG

SO RTTY LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	RTTY	Qs	Mults	Op	Time	Score	Club
WN8Y				0	0	0	15	61	3			671	TCG

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[Delaware QSO Party](#) 2025 May 3

Single Op HP

Call	OpMode	Remote	CW-Dig	Qs	Ph	Qs	Mults	Op	Time	Score	Club
AC6ZM				8		0	5	1		800	TCG
NS4X				3		0	3	4		180	TCG
W3TB				2		0	0			80	TCG
AF4T				2		0	2			80	TCG

Single Op LP

Call	OpMode	Remote	CW-Dig	Qs	Ph	Qs	Mults	Op	Time	Score	Club
K3IE				4	2	4		.5		800	TCG
WM4Q				4	0	3				480	TCG

[Indiana QSO Party](#) 2025 May 3

Single Op HP

Call	OpMode	Remote	CW	Qs	Ph	Qs	CW	Mults	Ph	Mults	Op	Time	Score	Club
W3TB				13	0	0	12	0					2,450	TCG
AC6ZM				33	0	0	21	0	2				1,386	TCG
NS4X				29	0	0	22	0	4				1,276	TCG
AF4T				17	0	0	12	0					408	TCG
W4NZ				10	0	0	10	0	1				200	TCG

Single Op LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	CW	Mults	Ph	Mults	Op	Time	Score	Club
K4AMC				33	0	0	26	0	1:30				1,716	TCG
WM4Q				16	0	0	15	0					480	TCG
K3IE				15	0	0	14	0	3				420	TCG

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[New England QSO Party](#) 2025 May 3

Single Op HP

Call	OpMode	Remote	CW-Dig	Qs	Ph	Qs	Mults	Op	Time	Score	Club
AC6ZM				200		0	51		6	20,400	TCG
AF4T				101		0	40	3.07		8,080	TCG
W4NZ				78		0	38		3	5,928	TCG
NS4X				55		0	30		4	3,300	TCG
W3TB				49		0	25			2,450	TCG
K9QJS				6		0	6	.5		84	TCG

Single Op LP

Call	OpMode	Remote	CW-Dig	Qs	Ph	Qs	Mults	Op	Time	Score	Club
WM4Q				61		0	38			4,636	TCG
K3IE				47	12		33	3		3,498	TCG
W4UT				40	0	0	30	1.5		2,400	TCG
K4KYN				20	0	0	17	1.5		680	TCG

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[Canadian Prairies QSO Party](#) 2025 May 10

Single Op HP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Mults	Op	Time	Score	Club
W6UB				11		0	11		.1	121	TCG
AC6ZM				7		3	10		1	100	TCG

Single Op LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Mults	Op	Time	Score	Club
NS4X				0	6	0	6	1		36	TCG
WA4JA				0	4	0	4	.5		16	TCG

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CQ-M International DX Contest 2025 May 10**SOABCW HP**

Call	OpMode	Remote	CW	Qs	Ph	Qs	Mults	Op	Time	Score	Club
K3IE				100	0	32	3			8,608	TCG

SOABMixed HP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Mults	Op	Time	Score	Club
AC6ZM				38	1	19	2			1,900	TCG

SOSB/15CW LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Mults	Op	Time	Score	Club
K0EJ				25	0	12	1			864	TCG

SOSB/40CW LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Mults	Op	Time	Score	Club
W4CMG				3	0	2	00:15			14	TCG

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Volta RTTY DX Contest 2025 May 10**SOAB HP**

Call	OpMode	Remote	QSOs	Mults	Op	Time	Score	Club
WV4P	2BSIQ	x	623	189	19:38		1,311,180	TCG
AC6ZM			130	62	5:15		12,049,700	TCG
K3FH			6	6	0.2		1,224	TCG

SOAB LP

Call	OpMode	Remote	QSOs	Mults	Op	Time	Score	Club
N4MCC			79	26	10.00		3,360,265	TCG
WN8Y			45	665	5		957,600	TCG

SOAB-6 HP

Call	OpMode	Remote	QSOs	Mults	Op	Time	Score	Club
AA4DD			82	47	5		5,097,120	TCG
NS4X			53	34	3		1,484,848	TCG

SOAB-6 LP

Call	OpMode	Remote	QSOs	Mults	Op	Time	Score	Club
K4HWS		x	106	67	6		12,868,824	TCG

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Arkansas QSO Party 2025 May 17**SOCW HP**

Call	OpMode	Remote	CW	Qs	Ph	Qs	Dig	Qs	Mults	Op	Time	Score	Club
W4NZ				19	0	0	11	1				409	TCG

SOSSB LP

Call	OpMode	Remote	CW	Qs	Ph	Qs	Dig	Qs	Mults	Op	Time	Score	Club
WA4JA				0	7	0	5	.5				235	TCG

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His Maj. King of Spain Contest, CW 2025 May 17**SOAB HP**

Call	OpMode	Remote	QSOs	Mults	Op	Time	Score	Club
AA4DD			50	31	3		2,232	TCG
W4NZ			7	7	1		133	TCG
W6UB			5	4	.3		35	TCG

SOSB/15 HP

Call	OpMode	Remote	QSOs	Mults	Op	Time	Score	Club
K0EJ			11	10	1		210	TCG

CQWW WPX Contest, CW 2025 May 24**M/2 HP**

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
WG4R(@K4EA)			3528	1244	46		11,600,300	TCG

SOAB HP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
WR3O(K4RO)	SO2R		1611	793	17:50		3,225,924	TCG
K3IE	SO2R		1285	704	21		2,623,104	TCG
NS4X			422	300	9		315,900	TCG
W3TB			255	204	7:04		136,272	TCG
W6UB			266	225	11		129,825	TCG
AC4G			234	186	6.5		128,898	TCG
K1GU			131	116	2.8		36,076	TCG
AF4T			91	80	3		17,440	TCG
K3FH			62	60	1.5		9,060	TCG
K9QJS			40	39	2		3,120	TCG

SOAB Unassisted HP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
W6UB			266	225	11		129,825	TCG

SOAB Classic HP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
W3TB			255	204	7:04		136,272	TCG
AC4G			234	186	6.5		128,898	TCG

SOAB TB-Wires HP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
K3FH			62	60	1.5		9,060	TCG

SOAB LP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
V49K(AC6ZM)			1912	807	36		4,986,453	TCG
WV4AM			878	516	24:02		1,127,460	TCG
W4CMG			606	346	23:10		430,424	TCG
KQ4E			172	141	5		59,925	TCG
K4KYN			150	130	7		52,130	TCG
KT4RH			135	100	6		22,700	TCG
WM4Q			90	90	2		20,700	TCG
W9WI			116	94	7		20,492	TCG
K4DXV			66	65	2.5		10,205	TCG
W4UT			10	10	0:15		290	TCG

SOAB Unassisted LP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
K4KYN			150	130	7		52,130	TCG
W9WI			116	94	7		20,492	TCG
W4UT			10	10	0:15		290	TCG

SOAB TB-Wires LP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
V49K(AC6ZM)			1912	807	36		4,986,453	TCG

SOAB Youth LP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
WV4AM			878	516	24:02		1,127,460	TCG

SOSB10 LP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
WF7T			201	152			65,664	TCG

SOSB15 HP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
KM9P(K0EJ)			1756	945	34		3,682,665	TCG

SOSB15 LP

Call	OpMode	Remote	QSOs	Prefixes	Op	Time	Score	Club
K4AMC			154	141	4:08		56,400	TCG

Didn't see your score listed? Next time, make sure to submit your score summary to 3830scores.com, and use the pull-down menu under "Club" to select "Tennessee Contest Group." Of course, it's also important to make sure that the Cabrillo file that you submit to the contest sponsor also contains the following line: CLUB: Tennessee Contest Group. This will ensure that your score will contribute to the TCG club aggregate score.

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LEBANON HAMQUEST

Please mark your calendars for Saturday July 19 for the annual Lebanon Hamquest. We will have a table at the hamfest, which is a place to meet up with other TCG types and share a tale or two. We will be flying the TCG banner, and should have the table manned up until lunch time, which is when most people leave anyway.

TCG has the back meeting room reserved at Shoney's from noon until 2PM. This will be the best opportunity to get together as a group, and has also become our annual group photo for those who make the trek. Please join us if you are of such a mind. RSVP would be appreciated, so please let us know if you're planning to attend the lunch via the TCG email list.

73, —Kirk K4RO

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MEMBERSHIP RENEWALS & NEW MEMBERS

Thanks to the following members who renewed in April – Robert K4UU, Scott KS3O, and Kenny K4KR. Thanks for your support of TCG and its activities.

Welcome to our new members, whose dues were paid by an anonymous donor:
Mark N4BCD, Christopher N9XC, NN5CS, Carson AA4CS. Welcome aboard!

If you have someone that you would like to nominate as a new members, please e-mail K0EJ (mark.speck.k0ej@gmail.com) so an invite can be sent out.

TCG membership is open to all with an interest in contesting. There are no geographical limitations. All you need is a sincere interest in contesting, and the willingness to get on the air and operate with us.

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CQWW WPX Contest, CW – 2025

From Juan Lopez AC6ZM

Call: V49K Operator(s): AC6ZM Station: V47JA

Class: SOAB LP Class

Overlay: TB-Wires

QTH: St Kitts

Operating Time (hrs): 36

Summary: Band QSOs ----- 160: 80: 40: 507 20: 692 15: 695 10: 18

----- Total: 1912 Prefixes = 807 Total Score = 4,986,453

Club: Tennessee Contest Group



Juan AC6ZM: 3830scores.com Comments:

I operated from V47JA (W5JON QTH). It's an AirBnB 2-story complete with a radio setup for the casual vacation Expedition. Equipment & antenna details complete with pictures are available from <https://www.qrz.com/db/V47JA> and includes a link to make a future reservation.

This was an interesting contest. The strategy is different from being a country multiplier. Low Power is tough regardless of location in a big contest. Conditions were not what I expected, especially on 10 meters. However, I made on the fly adjustments to try and maximize the Q rates. I watched the online scoreboard rates of VP5M (MSLP) to get an idea if I was running in the ballpark with my run rate. I was listed on the scoreboard as an SOLP entry (Tribander and Single Element).

I quickly discovered that my competition on the scoreboard was NU2A (NY2O). I quickly found myself chasing NU2A and tried to close the gap between us. He gained an early lead after the first three hours. I was inching closer to him but very slowly. It took the first 24 hours of nose-down focused operating and analyzing and adjusting to my conditions in real-time to position myself where I could get a run rate to catch-up.

I used the SO2V mode available in N1MM+ with the FTdx3000. However, the option to select dual receive in N1MM+ was grayed out and that baffled me. I quickly submitted a trouble ticket to the N1MM+ io.groups and hoped I could get an answer to possibly solve that problem. I received several responses and a few text messages where I quickly learned that the FTdx3000 cannot receive dual VFO's simultaneously, so the split stereo option for the headphones was not available in N1MM+ (that is pretty smart software). I still used the 2nd VFO to assess conditions on other bands and quickly noted the multipliers I could hear loudly and added a few (2-3) to the band map until I got the chance to change bands and quickly put them in the log. **Lesson learned:** operate and practice with the equipment exactly like you plan to use for the contest so kinks can be worked out. I didn't let it throw me off as it was still a valuable tool. Despite the many changes to S&P on the 2nd VFO, I only lost my run frequency once.

I took my 1st sleep break at 0600Z for 3 hours. I was back in the chair at 0900Z and was looking for an opening on 10 or 15 meters. Those bands were not productive, so I quickly moved to 20 meters which did produce many callers for 2+ hours with plenty of East and West coast stations and some Northern EU (unusually large numbers of Ukraine and Russian stations). 15 meters showed life around 1200Z with strong signals from EU, so I started running and took advantage of all the 3-pointers. I kept checking 10 meters but could only hear SA stations and a few NA. I worked all the multipliers I could hear on 10 meters and kept running on 15 meters till after sunset.

It wasn't until I switched to 40 meters (~0130Z) on Saturday where I caught a break and the momentum shifted in my favor. I found a spot high in the 40-meter band (advice from K4RO) to start running and waited for the masses to find me. After 0200Z, the band really opened and a steady stream started to call me. I averaged about 2-3 EU for every NA caller for about 1.5 hours then it increased to 4-5:1 ratio. The 6-pointers started to add up especially with many of the prefixes being new multipliers. By 0600Z I had passed up NU2A with a substantial lead and figured with the rate slowing down that it would be a good time for the 2nd planned sleep break.

When I got back in the chair on Sunday morning (1000Z), there was a new sheriff in town on the online scoreboard in the SOLP NA competition that snuck past me, WP4X. I spent the next 14 hours trying to claw my way back up the scoreboard past WP4X. He kept widening the gap steadily. He had a decent 10-meter opening that lasted ~3-4 hours to gain a substantial lead and racked up on the multipliers. I never got the same opportunity.

The large solar flare didn't help either. I observed the radio spectrum scope flat line and figured the coax must have fallen off the antenna. I quickly checked antenna number 2 and observed the same symptom. I thought, there is no way that both antennas lost their coax, but weirder things have occurred. I quickly went to make a visual confirmation by going to recon the antennas and found them securely connected. When I returned to the chair, I checked the WWV report and noticed a near X-flare event reported and said to myself, great just when I'm trying to catch up to WP4X. Then I thought, everyone else is going to be affected so stay in the chair and work around it. So, I put my head down and stayed in the game and just worked through the problem. It was rough for a little bit. The propagation went haywire and I was receiving signals from all the wrong directions. I didn't complain because I was getting callers. I didn't care how the signals got to me as long as they kept coming in, which they did. I continued to put up a fight and WP4X knew that he couldn't take a break because I was on his heels in full throttle mode. I out-Q'd him 5 of the last 6 hours but it wasn't enough to catch him.

The final result exceeded my goals of 1.5K Q's and 600 multipliers. According to the online scoreboard, the unofficial result for V49K was #2 NA and #9 World. I was glad to break into the top ten in the world. Thanks to the many callers and the TCGers that made it into the log. Many thanks to the operators that took the time to spot me as well. 23% of my QSO's were from CWops members.

A special thanks to WV4P (Coach Ron) who keeps me motivated during contests. I get better one contest at a time. That is my story and I'm sticking to it.

73 de AC6ZM (V49K).

CQWW WPX Contest, CW – 2025
St. Kitts Experience
de Juan Lopez AC6ZM



V4/AC6ZM @ St. Kitts (NA-104) Most of you have read my comments posted on 3830scores.com about my experience in the CQ WW WPX CW contest. This will be an extension to that narrative about my operating experience during my stay there. I was fortunate enough to be able to activate three POTA locations, KN-0001 (Central Forest Reserve National Park), KN-0002 (The Royal Basseterre Valley National Park), and KN-0003 (Brimstone Hill Fortress National Park). the most interesting was the Brimstone Hill Fortress. The bench in the figure to the left was the POTA spot where I activated. I used a dipole on a reel cut for 20 meters and installed as a Sloper. The power source was LIFEPO4 (6Ah) battery that powered an IC-706MKII running 10 watts. The views are spectacular, and the altitude is about 800 feet above sea level. It was designed by British military engineers and built on slave labor. The locals have an athletic club that hikes up the zig-zag paths as part of a cardio workout. which I participated in (not for the faint hearted). The limestone blocks of the fort are nearly 400 years old and are in excellent condition. They are fit together like a puzzle, truly amazing construction with walls 6 feet thick. The curators also

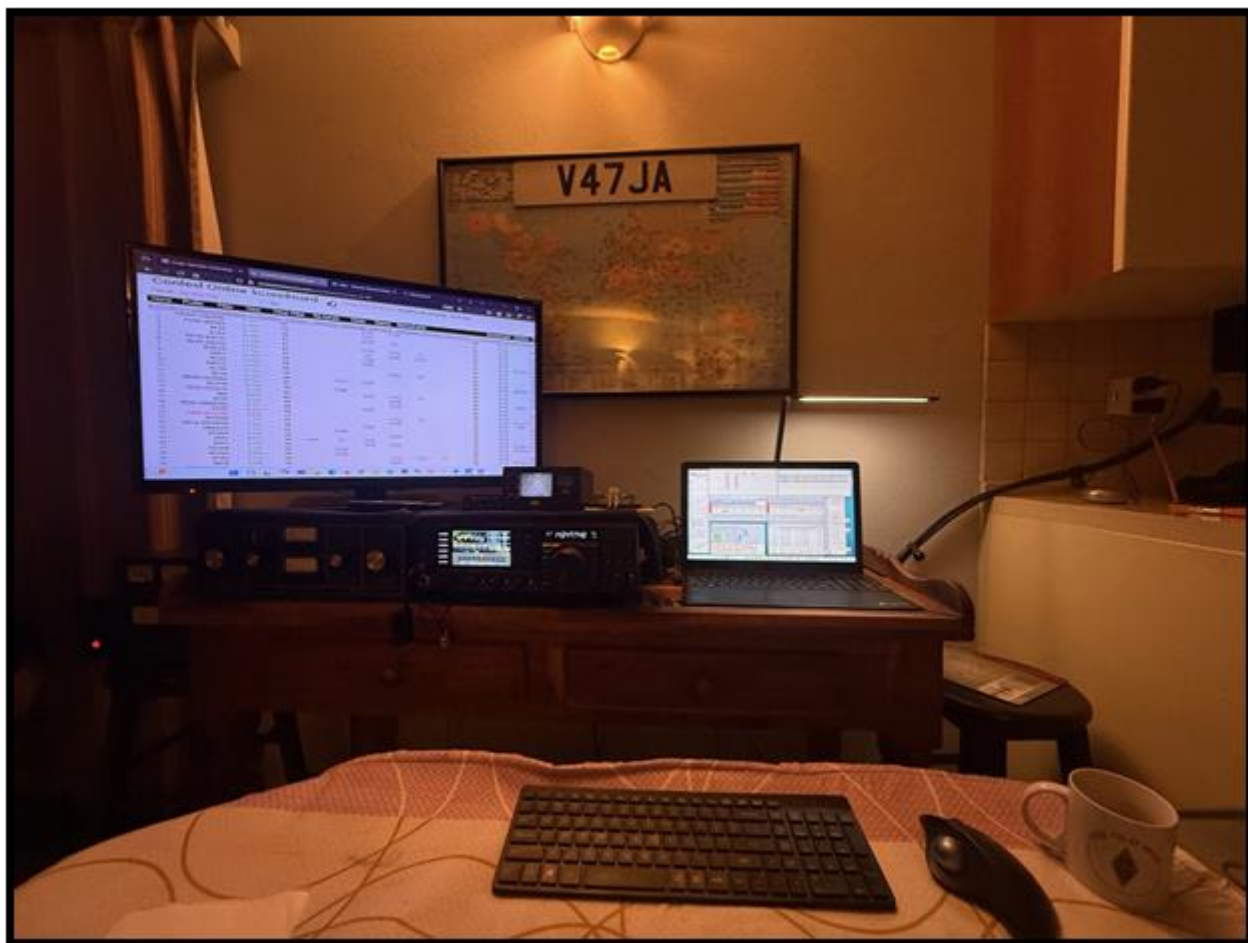
have an excellent collection of artifacts and various displays that describe life at the fort. It is baffling to think of the man-hours it took to cut the blocks out of the limestone near sea level and then haul them up the steep inclines on horse back to the top. Brimstone Hill Fortress consists of a huge retaining wall, barracks, cisterns, magazines and other structures perched upon the steep slopes of a rugged volcanic cone. The British maintained the fort until 1782 when the fort was captured by French troops (it took 8K); the fort was returned to the British in 1783. On a clear day, you can see the neighboring islands of Saba, St. Eustatius and St. Barts from the top of the fort. (see the figure below, it looks like an atom bomb went off there with the persistent cloud cover). I also took an opportunity to visit the inland areas on an ATV. Shown here is a pitstop to enjoy some coconut water and coconut jelly.



The station at the residence at the Calypso Bay resort is more of a casual operators position which consists of a Yaesu FTdx3000 with a Dentron MT-3000A Tuner, Mosley MP-32N 2-element Tri-bander (manual rotator), and a 33 ft. Vertical with a detachable coil for 160 meters. The tin roof is used as the counterpoise for the vertical and is very effective. I modified the operating position to accommodate long operating periods for the contest. I used an ironing board as a table for the Bluetooth keyboard, mouse, coffee cup, and swapped out the office chair for a single person

sofa with a lumbar pillow. I also used a 37-inch HDTV from one of the bedrooms as a second monitor to keep an eye on the reverse beacon network and contest online scoreboard. Overall, it was a great experience, and I managed to log over 4K QSO's between V4/AC6ZM and contest call V49K.

73 de AC6ZM.



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Long Island CW Club Kids Class

From Cathy W4CMG

We talk about Youth on the Air – but how do they actually get there? Many may start listening to their parents on SSB, get their license, and get on the air. Others hear their parents (or likely grandparents) sending Morse Code, and think it's cool, and want to learn how. It can be challenging to dedicate the time to teach kids CW, but it is well worth ensuring that our dedication to amateur radio, and to CW does not fade away. I have been working with a great group of kids through Long Island CW Club. Many of the kids are licensed and ready to get on the air with CW, others are just starting out, studying for their license and studying CW at the same time. The classes are free, and the parents and kids start by talking with one of our senior kid's instructors to discuss time commitment and placement in the right class. I work with advanced kids, and teach various on the air protocols, and help them get on the air through the K1USN SSTs (Slow Speed Contests) and SKCC QSOs. A few have gone on to become CWops members!

[Long Island CW Club \(LICW\) Kids Class](#) offers the opportunity for kids (and their parents and grandparents) to learn CW and other aspects of amateur radio.

From the LICW Website: "We currently run 6 scheduled classes per week on Zoom with Beginners on Tuesday, Intermediate on Thursday and Advanced on Sunday. Within these scheduled classes, we use breakout rooms depending on the number of instructors and proficiency level of our students. Our students range from grades K-12 with no experience, nor license and no relative involved in Amateur

Radio to Amateur Extra with the full family licensed and on the air.

We teach CW, radio procedures/operations and license preparation if interested. We work hard to get them on the air as quickly as possible. We use teaching methods and programs from the adult classes modified to fit the learning rate of individual kids. Criteria for class attendance is respect for others, a desire to be in the program and to have fun! Some of our kids go from attending every class to pausing for a few months for various scheduling reasons. They and their guardians have busy lives and we understand this and the need for flexibility.

Our classes are a social gathering for students and guardians along with our instructors to learn CW and all about Amateur Radio. Each one of our kids is unique and we are fortunate to have them and potentially add them to the Amateur Radio ranks. Our classes are continuous and a student can join in anytime. We have a healthy mix of age and gender at all levels of proficiency. Our program has to date taught over 500 kids in the USA and overseas and we are very proud of its accomplishments.

73 - Cathy W4CMG

If you have an interested child for this program, please email []: info@longislandcwclub.org ”

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UPCOMING CONTESTS

The following table is a list of the upcoming contests which qualify for the TCG Most Radioactive Award. For more information on the MRA, please refer to K4TCG.ORG under the TCG INFO section. Thanks to Jim AD4EB for this list, and to Ted W4NZ for administering the TCG Most Radioactive Award.

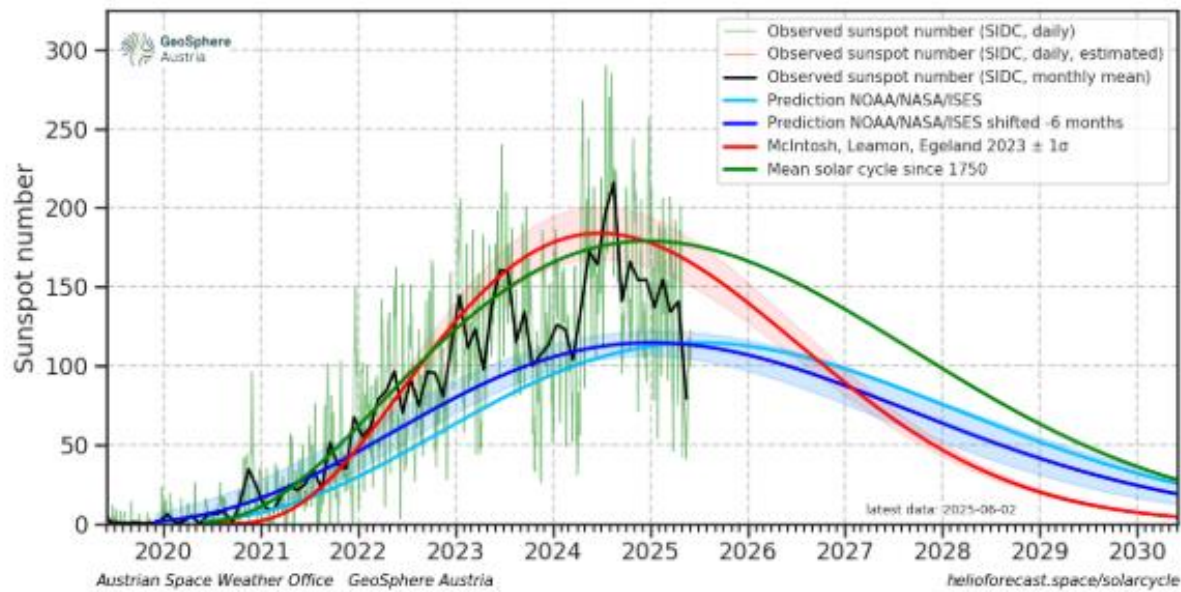
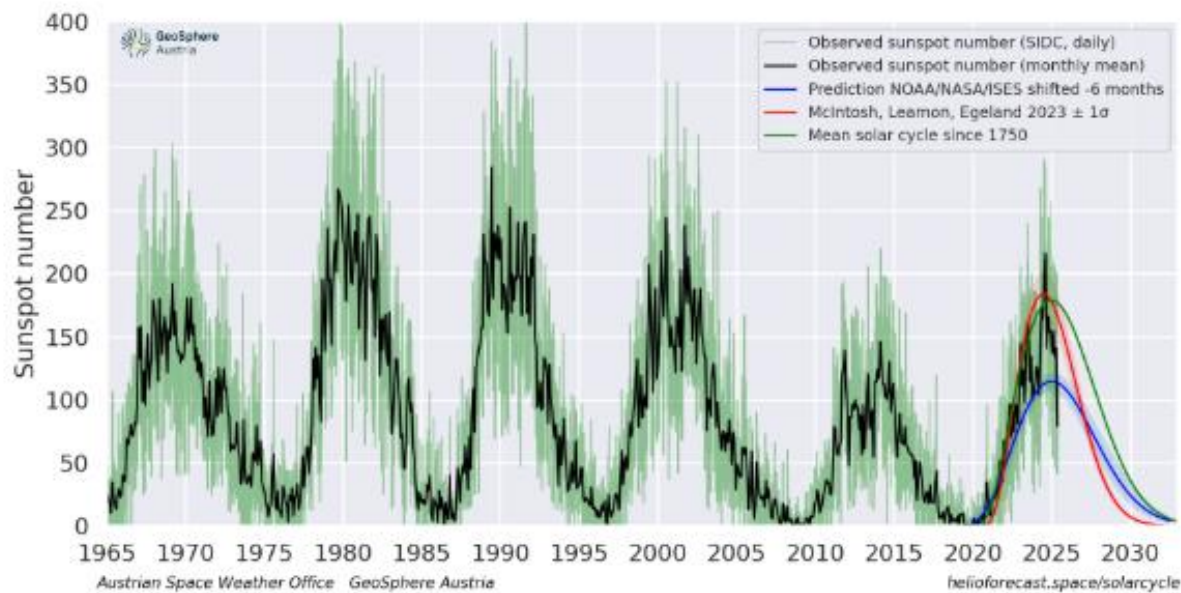
June 7, 2025	ARRL International Digital Contest
June 7, 2025	Kentucky QSO Party
June 14, 2025	ARRL June VHF Contest
June 14, 2025	GACW WWSA DX
June 21, 2025	All Asian DX Contest, CW
June 21, 2025	Stew Perry Topband Challenge-Jun
June 21, 2025	West Virginia QSO Party
June 28, 2025	His Majesty King of Spain Contest, SSB

July 1, 2024	RAC Canada Day Contest – July
July 5, 2024	Marconi Memorial HF Contest
July 12, 2024	IARU HF World Championship
July 19, 2024	CQ Worldwide VHF Contest
July 19, 2024	North American QSO Party, RTTY Jul
July 26, 2024	RSGB IOTA Contest
July 26, 2024	Alabama QSO Party

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Progression of solar cycle 25

Sunspot numbers including predictions



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