

Results of the 2022 CQ World Wide 160-Meter Contest

Contesting Before World Turmoil

BY ANDY BLANK,* N2NT

The 2022 CQWW 160 CW Contest may have been the last contest with Zone 16 at peace. In fact, there were some problem logs from the region, but we decided to let them go since there are bigger issues for those involved. It is our sincere hope that this conflict will end soon and our amateur radio brethren can again live in peace.

Conditions overall were down on both modes. Only 13 stations were able to break 1 million points, which is very unusual. Scores were down a good 25% on average from 2021. Possibly a sign the sunspot cycle is on the rise, but more likely just bad timing. SSB conditions were just as bad, and

really a grind. The highest scores were barely half a million, another unusual showing. Having said that, there still were a good number of logs submitted. *Table 1*, below, offers an interesting comparison of logs submitted since 2015. The number of logs stay relatively constant throughout the years and the peak year was 2021.

CW Results

Most stations reported great activity in this year's event, although conditions were certainly not optimal. In 2021, a new record of 3,378 logs were received for CW. In 2022, Single-Op Assisted entries decreased to 1,381 entries, followed by 1,339 Unassisted entries. A total of 2,953 entries

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Year	CWsohp	CWsolp	CWqrp	CWsoass	CWmulti	CWcheck
2022	482	711	146	1,381	135	98
2021	583	854	175	1,502	146	118
2020	501	775	113	1,362	166	134
2019	459	719	125	1,166	166	105
2018	475	727	112	1,064	160	153
2017	478	798	122	1,014	139	110
2016	420	705	115	737	135	51
2015	446	709	116	698	119	96

Year	SSBsohp	SSBsolp	SSBqrp	SSBsoass	SSBmulti	SSBcheck
2022	221	362	38	404	59	32
2021	352	537	71	596	71	42
2020	295	480	42	524	92	38
2019	261	298	39	403	87	35
2018	276	446	41	413	91	36
2017	258	409	36	387	90	44
2016	247	441	44	343	77	39
2015	290	418	35	295	72	37

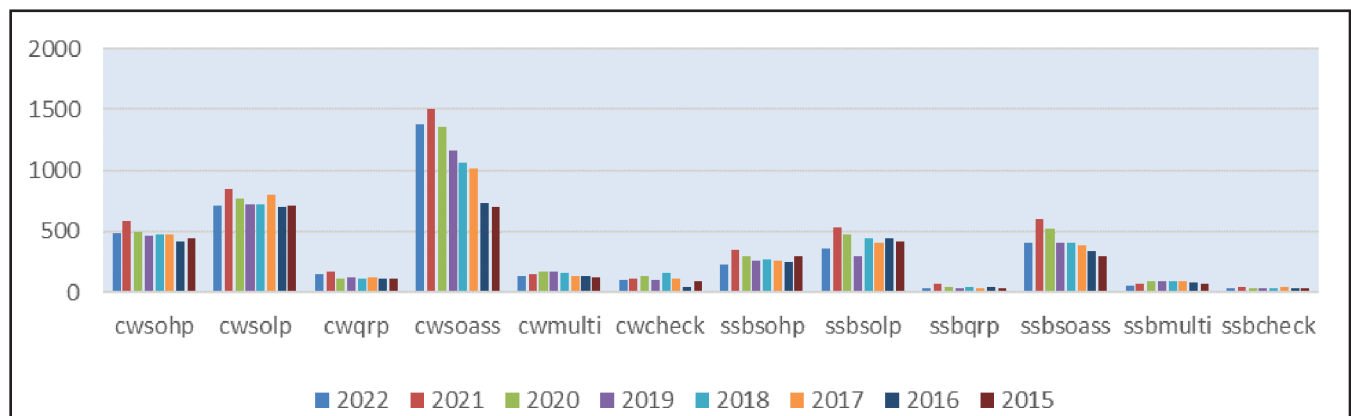


Table 1. Eight-year comparison of CQWW 160 log entries in various categories, both numerical (above) and visual (below).

were submitted, including checklogs, in a down year. We don't foresee any negative activity trend. It is more likely due to the declining conditions on 160 meters (aka "Top Band") as the sunspot levels increase.

The Millionaires Club was quite small this year with only the following entries

breaking the barrier. All of these were CW scores; nobody came close to 1 million (Meg) on SSB.

VY2ZM	1,586,304
PJ2T	1,458,816
CR3W	1,331,508
UA2FW	1,318,484

EW5A	1,246,616
ZF5T	1,220,480
P40AA	1,206,768
OK7K	1,206,360
S5C	1,189,704
E7DX	1,095,248
4X2M	1,078,056
HBØ/DL3DXX	1,039,682

PLAQUE WINNERS AND DONORS

World Single Operator Combined SSB/CW

Jeffrey T. Briggs
VY2ZM
Donor: Ed Parish, K1EP

World Multioperator Combined SSB/CW
Station OK7K
(OK1BN OK1GK OK1NP OK1NS OK1VAO OK3RM)
Donor: Juan Carlos Munoz, TG9AJR

CW SINGLE OPERATOR

World
Jeffrey T. Briggs
VY2ZM
Donor: DJ8WL Memorial by Bill Tippett, W4ZV

U.S.A.
Jon Zaimes
AA1K
Donor: Milt Jensen, N5IA, Memorial by Arizona Outlaws Contest Club

Canada
Ron Vander Kraats
VE3AT
Donor: VE2XAA Memorial by Thor Stefansson, TF4M

U.S.A. — Zone 3
Steve Orland
AA6AA
Donor: Bruce Butler — W6OSP Memorial

U.S.A. - Zone 4
Greg Chapoton
NA8V
Donor: Steve Schmidt, K4WA

U.S.A. — Zone 5
Peter Briggs
K3ZM
Donor: W3YOZ Memorial by Jim Monahan, K1PX

Africa
Andre Shoch (DL4UNY)
Station CR3W
Donor: James "Skip" Riba, WS9V

Asia
Valeriy Zhilyayev
UP4L
Donor: Missouri DX/Contest Club, K4SX

Europe
Pavel Prikhoda
OK6W
Donor: Emir-Braco Memic, E77DX

South America
Marcelo Fernando Egúes Martorell
CX2DK
Donor: John Rodgers, WE3C

Oceania
Akito Nagi (JA5DQH)
KH7A
Donor: Steve "Sid" Caesar, NH7C

European Russia
Serge Kiblitky
R7NW
Donor: CQ 160 Contest Committee

Asiatic Russia
Dmitry Makarov
RA9MA
Donor: Steve "Sid" Caesar - NH7C

Japan
Masaki Okano
JH4UYB
Donor: Alabama Contest Group

North America
Stan Stockton (ZF9CW)
ZF5T
Donor: N4IN Memorial CQ Magazine

Southern Hemisphere
Holger Hannemann (ZL3IO)
ZM4T
Donor: Robert Kile, W7RH

World Assisted
Mathias Kolpe DL4MM
P4ØAA
Donor: Andy Chesnokov, UA3AB

Asia Assisted
Sergey Moskaev
R8TT
Donor: Jon Zaimes, AA1K

Europe Assisted
Jozef Reck
OM4MW
Donor: Bill Salyers, AJ8B

U.S.A. Assisted
Bruce Meier
N1LN
Donor: Akito Nagi, JA5DQH

U.S.A. Assisted — Zone 3
Riki Kline
K7NJ
Donor: Larry Pace, N7DD

U.S.A. Assisted — Zone 4
Victor A. Kean, Jr.
K1LT
Donor: Pete Michaelis, N8TR

U.S.A. Assisted — Zone 5
Dennis Egan
W1UE
Donor: Potomac Valley Radio Club

World Low Power
Station 3V8SF
Ashraf Chaabane, KF5EYY
Donor: Akito Nagi, JA5DQH

U.S.A. Low Power
Mark Bailey
KD4D
Donor: Rich Kennedy, N4ESS

Asia — Low Power
Yuri Zinchuk
4Z5PN
Donor: Robert Kile, W7RH

Europe Low Power
Miguel Garcia Castaner
EA6SX
Donor: DL1RK Memorial Petr Ourednik, OK1RP

Canada Low Power
Vlad Milutinovic
VE3JM
Donor: Contest Club Ontario

World QRP
ARCDXC Club
4U1A
Donor: CQ 160 Contest Committee

U.S.A. QRP
Toni Radebaugh
NØNI
Donor: Bob Raymond, WA1Z

Europe QRP
Algirdas Sadaunikas
LY4ZZ
Donor: Peter Voelpel, DJ7WW

MULTI-OPERATOR
World
Station PJ2T
(W8WTS, K8ND ops)
Donor: Paul Newberry, N4PN Memorial (by N4RJ)

U.S.A.
Station K1LZ
(K1LZ, NN1C, W1ADI, K3JO ops)
Donor: WØCD Memorial (by K8GG and W8UVZ)
U.S.A. Zone 3
Station NA7TB
(AA7A, KY7M, NA2U, N7NR, K9DR ops)
Donor: Tom Whitted, N7GP

Europe
Station UA2FW
(RN1B, RV1AW, RA2FA, UA2FZ, UA4FER, RW4WR, RG6G, R7LV ops)
Donor: Bob Evans, K5WA

ASIA
Station 4X2M
(4X1MM, 4X6HX, 4Z4AK, 4Z5IW, 4Z5ML, 4Z5LY, ops)
Donor: Nodir Tursoon-Zadeh, EY8MM

ZONE 16
Station EW5A
(EW1NY, EW2M, EU4A, EU4CK, EW6W ops)
Donor: John Crovelli, W2GD

SSB SINGLE OPERATOR

World
Jeffrey T. Briggs
VY2ZM
Donor: Nodir Tursoon-Zadeh, EY8MM

U.S.A.
PETER H BRIGGS
K3ZM
Donor: Dr. Scott Wright, KØMD

Canada
Brian Campbell
VE3MGY
Donor: Tom Haavisto, VE3CX

U.S.A. — Zone 3
Leon Madziarski
NJ6P
Donor: Nate Moreschi, N4YDU

U.S.A. — Zone 4
Karl Brandt
ND8DX
Donor: Alabama Contest Group

U.S.A. — Zone 5
John Slusser
WF2W
Donor: Brent Scott, WR5O

Asia
Mamuka Kordzakhia
4L2M
Donor: Ron Lowrance, K4SX

Europe
Carlo Bavecchi
I5JVA
Donor: James "Skip" Riba, WS9V

Africa
Manuel Angel Martin Brito (EA8DO)
ED8W
Donor: John Rodgers, WE3C

Asiatic Russia
Vladimir Falshunov
R8WF
Donor: Steven "Sid" Caesar, NH7C

North America
Daniel Flaig
NP2J
Donor: CQ magazine — K2EEK Memorial

South America
Mario Andraca
LU8DPM
Donor: John Rodgers, WE3C

OM4MW	1,038,960
MW5B	1,038,294
K1LZ	1,026,066
UA7K	1,009,368
9A5Y	1,009,231

Quite a feat by Jeff "Mr. 160", VY2ZM, to top all scores operating as Single-op

Oceania
Moh Asrori
YB3BGM
 Donor: Steve "Sid" Caesar - NH7C

Southern Hemisphere
H. Soekardi Wibisono
YB9KA
 Donor: John Rodgers, WE3C

World Assisted
Ljubo Pintar
S53O
 Donor: K9HMB Memorial by Ray Sokola, K9RS

Asia Assisted
Metin Korkmaz
TA1ED
 Donor: Chuck Dietz, W5PR

Europe Assisted
Dr. Laszlo Radocz (HAØNAR)
HGØR
 Donor: Curtis Rose, N2ZX

U.S.A. Assisted
John Bednar
K3CT
 Donor: Pete Michaelis, N8TR

U.S.A. Assisted — Zone 4
Bud Foster
K4ISV
 Donor: Pete Michaelis, N8TR

World Low Power
Brian Campbell
VE3MGY
 Donor: Steve Molo, K14KWR

U.S.A. Low Power
Edward Sawyer
N1UR
 Donor: Tim Duffy, K3LR

Europe Low Power
Vaclav Urban
OK1LRD
 Donor: Contest Club Ontario

Assisted Europe Low Power
Simon Kopmajer
S54ZZ
 Donor: John Rodgers, WE3C

Canada Low Power
Greg Foster
VE3PJ
 Donor: Rudy Bakalov, N2WQ

World QRP
Maksim Kesic
E77Y
 Donor: John Rodgers, WE3C

MULTI-OPERATOR
World
Station OK7K
(OK1BN, OK1GK, OK1NF, OK1NS, OK1VAO, OK3RM ops)
 Donor: CQ 160 Contest Committee

U.S.A.
Station K1LZ
(K1LZ, W1ADI, K3JO ops)
 Donor: Jerry Rosalius, WB9Z, and Val Hotzfeld, NV9L

Europe
Station HG8DX
(HA8DU, HA8DZ, HA8FM, HA8KW, HA8RT ops)
 Donor: South Jersey DX Association, N2CW

USA Zone 3
Station N7T (@NA7TB)
(N7NR, K9DR, KY7M ops)
 Donor: Paulo, PV8DX

Zone 16
Station EW5A
(EW1NY, EU4A, EW6W, EU4CK, EW8Y ops)
 Donor: Valery Zhitkovic, EW6W



HBØ/DL3DXX activation by DL1MGB, DL2JRM, and DL3DXX. They found a pretty good location at the northern tip of Liechtenstein with open space from about 30-300°.



Famous superstation K1LZ was guided to a first-place position in the U.S. Multi-op category by K3JO, seen here at the operating position.



Here is a view of K1LZ's fabulous antenna system in Maine.

As you can see, the team of W8WTS and K8ND piloting PJ2T managed to maintain their lead. Multipliers were adjusted by the log-checking process and the actual score gap widened in the end.

Some comments from the Single-op leaders bring the contest into perspective. Pavel, OK6W, who finished third in DX, had this nice summary of the conditions on CW:

"This year it was very hard. During the weekend there were several power outages, extreme wind, and snow and many computer problems, ugh ... In the end I had to make three unplanned 30-minute breaks during prime time, but we still managed to use the allowed time of 30 hours. Just this year, Mr. Murphy was very persistent, HI. This year's conditions were the worst in Central Europe in the last seven years. Only 134 North American station in log (2021 - 267 QSO and 2020 - 330 QSO), when for the whole second night only 20 North American stations, crazy. It was even worse with Japan — zero for the first night and only 15 QSOs on Sunday (2021 - 18 QSO, 2020 - 59 QSO). The best DX was Allan, VL2G and Tony, VK3TZ, Thanks! Despite the bad conditions and Mr. Murphy, I enjoyed the contest to the fullest, simply CQWW 160 CW is unbeatable! The biggest thanks go to all of you who called me, without you the result would never have been possible!

Jeff, VY2ZM, who finished first in the world, summed up the conditions this way:

Interesting and strange conditions in this one. For the first two hours or so — European signals had some kind of rapid (almost Doppler-like fading on them) making copy quite difficult when portions of individual characters would drop out — literally.

On Saturday night from about 0200-0330 UTC, the band went bonkers with about four strong European stations on just about every dial frequency — and my antenna seemingly had no directivity on them at all. Later on, things seemed more normal.



Just how Rolandas, LY4A, managed to operate the CQWW 160 Meter Contest after this storm damage is amazing. We hope he can rebuild from such a terrible storm.

2022 CQWW 160M CONTEST CLUB SCORES

(Minimum of 3 three entries required for listing)

SCORE	#ENTRIES	CLUB	SCORE	#ENTRIES	CLUB
28,533,583	221	BAVARIAN CONTEST CLUB	339,055	8	THRACIAN ROSE CLUB
11,573,440	157	POTOMAC VALLEY RADIO CLUB	322,039	11	ORCA DX AND CONTEST CLUB
9,794,421	119	FRANKFORD RADIO CLUB	319,153	7	ORDER OF BOILED OWLS OF NEW YORK
8,505,311	54	CONTEST CLUB ONTARIO	317,611	4	RIIHIMAEN KOLMOSET
8,176,611	61	UKRAINIAN CONTEST CLUB	313,590	3	RC THREE VICTORIA
8,041,215	40	RUSSIAN CONTEST CLUB	307,586	4	BAY AREA DXERS
7,988,752	76	YANKEE CLIPPER CONTEST CLUB	288,952	4	BIG SKY CONTESTERS
7,537,034	53	RHEIN RUHR DX ASSOCIATION	234,096	4	RRC
6,098,479	51	ITALIAN CONTEST CLUB	225,647	4	NORTH CAROLINA DX AND CONTEST CLUB
5,625,142	22	CROATIAN CONTEST CLUB	224,500	3	WYTHALL AMATEUR RADIO CLUB
4,715,302	19	BALTIC CONTEST CLUB	218,421	3	VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB
4,419,100	11	BELOKRANJEC CONTEST CLUB			
4,213,332	34	SP DX CLUB	217,655	5	SK5AA VASTERAS RADIOKLUBB
4,210,243	30	KAUNAS U. OF TECHNOLOGY RADIO CLUB	214,293	3	IVANOVO DX CLUB
4,204,164	20	SLOVENIA CONTEST CLUB	184,230	3	TURKISH RADIO AMATEUR CLUB
3,678,265	86	SOCIETY OF MIDWEST CONTESTERS	174,184	3	RADIO AMATEURS OF NORTHERN VERMONT
3,539,367	18	EA CONTEST CLUB	169,068	3	DONBASS CONTEST CLUB
3,403,464	18	MAD RIVER RADIO CLUB	165,862	3	SKYVIEW RADIO SOCIETY
3,259,107	22	BELARUS CONTEST CLUB	163,676	5	SOUTHERN OSAKA CONTEST CLUB
2,898,979	14	LATVIAN CONTEST CLUB	156,450	3	SK6QA HISINGENS RADIOKLUBB
2,599,498	4	THREE A'S CONTEST GROUP	154,596	5	SHENANDOAH VALLEY WIRELESS
2,362,158	12	CONTEST CLUB SERBIA	151,051	3	599 DX ASSOCIATION
2,176,011	13	CZECH CONTEST CLUB	146,718	10	WESTERN WASHINGTON DX CLUB
2,122,131	6	CHILTERN DX CLUB	142,662	3	CS PETROLUL PLOIESTI
1,966,266	32	ARIZONA OUTLAWS CONTEST CLUB	137,880	4	CTRI CONTEST GROUP
1,902,400	9	HA-DX-CLUB	137,578	4	SOUTH JERSEY DX ASSOCIATION
1,874,278	17	CONTEST CLUB FINLAND	135,565	5	OKAYAMA DX CLUB
1,747,282	31	FLORIDA CONTEST GROUP	133,592	3	DEEP DIXIE CONTEST CLUB
1,673,042	56	DEUTSCH AMATEUR RADIO CLUB	132,140	4	IOWA DX AND CONTEST CLUB
1,626,115	24	SOUTH EAST CONTEST CLUB	122,938	7	ROCHESTER DX ASSOCIATION
1,568,506	16	NORTH COAST CONTESTERS	116,464	4	5NNDXCC
1,446,024	5	UA2 CONTEST CLUB	115,446	3	GERMAN DX FOUNDATION
1,431,887	44	MINNESOTA WIRELESS ASSN	112,857	4	NORTH TEXAS CONTEST CLUB
1,290,802	5	SOUTH URAL CONTEST CLUB	111,548	3	BINGHAMTON AMATEUR RADIO ASSOCIATION
1,216,090	10	CONTEST GROUP DU QUEBEC			
1,207,863	5	MILARA CONTEST CLUB	77,731	7	RU-QRP
1,167,924	24	TENNESSEE CONTEST GROUP	76,989	3	MOTHER LODE DX/CONTEST CLUB
1,148,992	9	DANISH DX GROUP	75,328	4	HEARTLAND DX ASSOCIATION
994,878	24	HUDSON VALLEY CONTESTERS AND DXERS	73,650	7	NE MARYLAND AMATEUR RADIO CONTEST SOCIETY
976,425	5	GIPANIS CONTEST GROUP			
968,702	6	BOSNIA AND HERZEGOVINA CONTEST CLUB	72,538	7	SPOKANE DX ASSOCIATION
906,049	5	GM DX GROUP	58,170	3	SHARKS DX TEAM
896,896	3	CENTRAL SIBERIA DX CLUB	57,466	4	PROVIDENCE RADIO ASSOCIATION
869,500	7	MARITIME CONTEST CLUB	52,137	3	ECHELFORD ARS
841,118	4	RSGB CONTEST CLUB	46,579	3	TEXAS DX SOCIETY
827,514	6	URAL CONTEST GROUP	46,110	3	RUSSIAN DIGITAL RADIO CLUB
817,888	20	SOUTHERN CALIFORNIA CONTEST CLUB	43,027	7	ARCK
808,443	8	NIAGARA FRONTIER RADIOSPORT	41,517	3	CLIPPERTON DX CLUB
780,306	5	ALRS ST PETERSBURG	41,390	10	KEYMEN'S CLUB OF JAPAN
770,476	9	ALABAMA CONTEST GROUP	34,822	4	VLADIMIR CONTEST CLUB
763,644	3	LA-DX-GROUP	33,215	6	METRO DX CLUB
755,920	24	NORTHERN CALIFORNIA CONTEST CLUB	32,352	3	KOREA DX GROUP
747,548	3	TALL TREES CONTEST GROUP	32,233	3	SASKATCHEWAN CONTEST CLUB
738,726	13	CENTRAL TEXAS DX AND CONTEST CLUB	22,591	3	URE BAIX CAMP
734,057	14	KENTUCKY CONTEST GROUP	22,403	3	FORT WAYNE RADIO CLUB
659,994	3	FAZENDA ACTIVITY CONTEST GROUP	22,370	4	PACIFIC NORTHWEST VHF SOCEITY
653,848	14	GRAND MESA CONTESTERS OF COLORADO	18,534	3	HILLTOP TRANSMITTING ASSOCIATION
621,882	12	RUSSIAN CW CLUB	17,485	7	ARAUCARIA DX GROUP
607,492	12	VERON	16,800	3	ALBERTA CLIPPERS
543,166	5	VRHNIKA CONTESTERS	16,039	3	SHARP HAM CLUB
497,166	3	CONTEST CLUB BELGIUM	8,483	4	HAMPDEN COUNTY RADIO ASSOCIATION
493,139	3	CATALONIA CONTEST CLUB	7,609	3	CLUB DE RADIO EXPERIMENTADORES DE OCCIDENTE
437,356	3	WORLD WIDE YOUNG CONTESTERS			
425,790	9	WILLAMETTE VALLEY DX CLUB	7,473	3	NEW PROVIDENCE ARC
393,623	3	RTTY CONTESTERS OF JAPAN	1,130	3	BT CW CLUB
391,589	3	OK QRP CLUB	382	7	7ADXCC
388,210	19	DFW CONTEST GROUP	294	3	ORARI LOKAL BLITAR
382,591	8	SWAMP FOX CONTEST GROUP	253	6	ORARI DAERAH NTB
361,273	6	INTEREST GROUP RTTY	212	4	YB-LAND DXING PASSION IS
351,966	8	CAROLINA DX ASSOCIATION	184	4	ORARI LOKAL BOGOR
347,659	5	LKK LVIV SHORTWAVE CLUB	172	5	ORARI LOKAL KEDIRI
345,009	7	BRISTOL (TN/VA) ARC	124	4	CABREUVADX
339,991	10	KANSAS CITY CONTEST CLUB	50	4	CIMAH I CONTEST CLUB



Here is longtime K3LR 160-meter operator N2NC at the "Top Band" position. K3UA and K3LR also operated, trying to defend their 2021 title.



Here is 160-meter SSB newcomer Brandon, KD8ZEI, at his neat station with his K9 operating partner.



"Top Band" legend W7RH shows off his remotely controlled QTH with solar panels. I hope they are well shielded from RFI!

Further to that point is this comment from the other side of the pond from Bob, GU4YOX/MU5E:

Conditions were very poor from Europe to the U.S. this time. I only managed to work Jeff, VY2ZM, in the closing hours. Unbelievable! Thanks for all the Qs, though, everyone. I lost nearly an hour when one of the 160-meter antenna top-loading wires broke. This was a Field Day-style operation from the northwest tip of Guernsey. Great fun but 1,600 meters of radials is hard work to fit and remove. See you next year!

Yuri, EB5A, operating EF5Y, also sums up conditions nicely: "Worst propagation of all time to USA."

Many thanks to Bill, K4XS, who activated V31XX for the contest, who had this to say, "First time doing the contest from V3. Set out to break the old record from V31. Mission accomplished! My ears are still ringing from all the static crashes."

An interesting comment from Vlad, VE3JM: "Last year, due to the Covid restrictions, I had to operate remotely and my remote setup did not support running High Power. This year I decided to enter Low Power again and see if I can do better. I hope I will be wise enough and use an amp next year." Vlad was first in the World Low Power category, so maybe he doesn't need an amp after all.

Another data point on the conditions comes from Mark, KD4D, who was operating Low Power from the W3LPL superstation: "Saturday night was terrible to Europe from here. I could hear a few European stations — mostly ones I had worked — and the few I heard that I could work mostly didn't hear me. I ended up with only six 10-point QSOs Saturday night. And two of those were LU8DPM and a KH6! I went over 30 minutes without being able to make a QSO Saturday night. Never worked anything

west of KH6. I did manage to break substantial pileups on LU8DPM and KL7SB but I never really felt loud.”

Mats, DL4MM, traveled to Aruba for the contest. This would normally be a blast, but he had this to say: “The contest itself is always fun but propagation this year was no fun at all! The only positive highlight was ZM4T and a string of four Japanese stations right before my sunrise on Sunday.”

But probably the worst story from the contest is from Rolandas, LY4A: “Contest started crazy. This year was windy and caused problems for electricity. Saturday evening prime time, the electricity dropped out for 3 hours. On Sunday evening, the electricity dropped out ~20 times for 1-2 minute. Every few minutes, we would have to switch all setup computers, power amplifiers, and all support equipment again and reset them. It was CRAZY! Really bad weather with big wind and ice / snow storm caused major damage. 2022 started CRAZY and destroyed my contest position losing my 80-, 40-, and 10-meter antennas.” Amazingly, Rolandas stuck it out and was able to make 1,321 QSOs. Now that is perseverance!

In the wildly competitive USA Multi-Op Category, this year’s winner is K1LZ operating from his new Maine QTH. You can see the fabulous antenna system and location elsewhere in this article. Due to the poor conditions, the geographic advantage of being in Maine was huge. See the top three competitors compared below:

Call	Points	#QSOs	W/VE mult	Countries
K1LZ	1,026,066	1,519	59	70
N2AA	739,660	1,417	58	66
K3LR	653,520	1,503	59	61

With QSOs relatively the same, the big advantage to K1LZ is the ability to work 10 pointers out of Europe. Due to the depressed conditions, it just wasn’t possible further inland from New Jersey and especially western Pennsylvania.

The stories were not all that bad, this one from Joe, N3HEE (Single-Op Low Power Assisted), shows some positive results, especially Sunday morning: “Sunday morning was the most fun I’ve had on 160 in a long time! Playing catch up, I stayed up all night and glad I did. I was able to hear and put quite a few extra Qs and another handful of multipliers into the log including a Japanese station at sunrise. I heard and nearly worked a strong KL7SB. He heard N3? But the pile-up of impatient operators made it very tough to complete the QSO. It was fun just listening to Steve work the KL7 pileup. Quite a few made it into his log before he faded away. Also heard ZL and UA9 again, but no luck working them. I missed working 160 meter WAS in a single weekend by one state (KL7)! No worries though because I already have WAS on 160 meters.”

SSB Results

As bad as conditions were on CW, the SSB contest may have been worse. Regrettably, participation was way down due to world events, so the scores are suppressed. There are only a handful of logs from Russia and none from Ukraine. Our thoughts and prayers are with all involved and we hope to reunite with our amateur radio brothers soon.

The highest score was only 524,000 (K) from VY2ZM, and I5JVA at 418K. Nobody else was even close. It took perseverance to get through the weekend. Check out the comments starting with this from Miguel, EA6SX, showing why VY2ZM is the king of the CQ160 Contest. “Whoa! what a test

of patience. Making a contest in QRP and even more so in SSB, is the highest test of patience that can exist in radio. I’m sorry I couldn’t be active during the whole contest, but my voice and my family couldn’t resist it. What ears of Jeffrey, VY2ZM, he caught me calling an SV6, that didn’t hear me, but he did!”

And this from Steve PJ4DX: “Worst conditions ever? I remember a few years ago the whole band up to 1990 kHz was full of North American and European stations. This year, I only worked two Europeans and heard one more who did not hear me. That was on the first night, the second night was even worse!”

Dan, NP2J, is a 160-meter contest veteran. Looks like he picked the wrong year to get serious on SSB: “This was the first time I made a serious effort in the CQ 160 SSB contest. I usually get on, make a few contacts then say. ‘forget this.’ Figures that I picked a terrible year to make an effort ... thought conditions were bad the first night ... but the second night was horrible! Best hour during the second night was only 9 Qs! I must be crazy to not have pulled the switch the second night. Thanks to all the fellow nutcases that braved this one!”

There is not too much more to say about the SSB results, as most stations had few comments due to the world turmoil. We are hoping for a more normal operating year in 2023 and, of course, peace for all concerned.

Obeying the Rules

As we pointed out last year, the committee receives many complaints from entrants. We wish to emphasize the violations in the hopes we can keep a level playing field in the future.

- Use of remote receivers outside 100 kilometers (inside 100 kilometers allowed in Multi-Op only)
- Use of excessive power
- Use of QSO finding assistance by Single-Ops who claim Unassisted
- Excessively wide signals, including key clicks and splatter
- Operating outside band limits (below 1810 kHz in IARU region 1, and using band edges)
- Unsportsmanlike conduct (such as frequency fights).

There was one blatant operation that would have resulted in disqualification. However, since the problem log came out of Ukraine; we decided to let it go. The entrants have larger problems than radio contesting. But we do hope that once the conflict is over, the warnings issued will be noted and we will have fair play in the future.

In closing, special thanks to all those helping to make the contest a success, including N6TR (log checking), K1DG (trophies), and K5ZD (webmaster). Certificates for everyone are available for printing on our website at <CQ160.com>.

If anyone would like a Log Checking Report, send an email to me at <director@CQ160.com>. Please specify which **mode** you are asking for and the **callsign used**. Plaques will be mailed shortly. Thanks to all for participating and see you in 2023. Remember all CQ contests have a 5-day deadline for submitting logs. Check out the rules on <CQ160.com> for the latest information.

– 73, Andy N2NT
Director CQ160 Contest

(Scores on page 103)