

Evaluating the Performance of YOU and your STATION

CW Contesting can be an excellent method to build not only your copying and sending skills, but your operating skills. Operating skills encompass many different areas in our total radio communications knowledge. Propagation, operating various features of your transceiver, antennas and, logging software to name a few.

You can see that you don't need to be a serious "contester" to benefit from this knowledge. If you're a DXer, and operate in DX contests, you will learn valuable information on your antennas and propagation to gain more new countries worked in the future. You will learn which bands and times were most productive. Which countries, continents, grid squares and, CQ/ITU Zones that you worked. You will learn how effective your antennas were to the cardinal headings of EU, JA, the Caribbean and Oceania. You will learn what your QSO rates were at any time in the contest. You will learn how much effort you put into the contest.

Just by looking at a log of contacts, it would be very difficult to extract that information. But if you had the information, you could work on your stations deficiencies and also your skills so that, in the end, you will become a better operator and not just in contests, ALL the time.

How do we obtain this information without hours of work? Most contests now require a "Cabrillo" log to be submitted. Whether you submit for the contest or not, this is the vehicle that will provide the valuable statistical information. Enter the "Log Analyzer" software. Many contest logging programs have a rudimentary log analyzer built into their programs. Some of these programs are: N1MM, TR4W, Writelog and Win-Test. They are cheap, fast and fun to use. They will let you know some of the basic areas to be aware of for evaluating your log.

For a more comprehensive look at your performance, you will need some primary, post log analyzer software. Some of the names of these kinds of software are: CBS, SH5, RCSS and LogView. Never heard of these? Most

contesters in contest clubs have, and this is THE way larger stations and Olympic WRTC participants evaluate their performance. What? You are not in one of those categories? Who said that this knowledge is just limited to them? The smallest station and operators with beginning skills can greatly benefit from this information. Is this software costly. No. Three of the four I mentioned are free. SH5 costs \$20. for a lifetime license. I don't consider myself to be a contester and I have benefited from this information to optimize my antennas and learn more about propagation among other operating aspects.

I personally use SH5 software. All this software needs is a copy of your Cabrillo contest log. One click and it will generate ALL the information. This is a very comprehensive report and below you will find various snippets of different reports it generates. The snippets are only a few snapshots of the total report. This particular report is a CQWW CW contest I did in 2015. Propagation was better then and I chose this log to show some of the DX that was available then. I operated only 13 hours out of the 48 hour contest, as you will see.

I wanted to make you aware of the fact that this software exists. If you interested in improving both you and your station, you might give it a try.

73

Bill, KOMP

SH5 2015 CQ-WW-CW KOMP

3 years ago

1. MAIN
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4. OPERATORS
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Main

Parameter	
Callsign	KOMP
Country	United States
Locator	DM42NM
Sunrise	☉ 14:05
Sunset	🌑 00:18
Contest	CQ-WW-CW (69 th)
Category	SINGLE-OP ALL CW HIGH
Operators	KOMP
Start date	28-Nov-2015 00:03
End date	29-Nov-2015 23:59
Participation time	47:56 (2876 min.)
Break time	34:54 (2094 min., 72.81 %)
Operating time	13:02 (782 min.)
QSOs	630
Dupes	1 (0.16 %)
Unique callsigns	434
QSOs per station	1.45
Kilometers per QSO	7,524 km
Countries	98
Fields	70 (21.60 %)
Moves	20
Claimed score	558,912 pts
Software	N1MM Logger+ 1.0.7398.0
Sunspot number (SSN)	036
Callsigns not found in sh5.master	53 (12.21%)
Prefixes	290
Club	Arizona Outlaws Contest Club

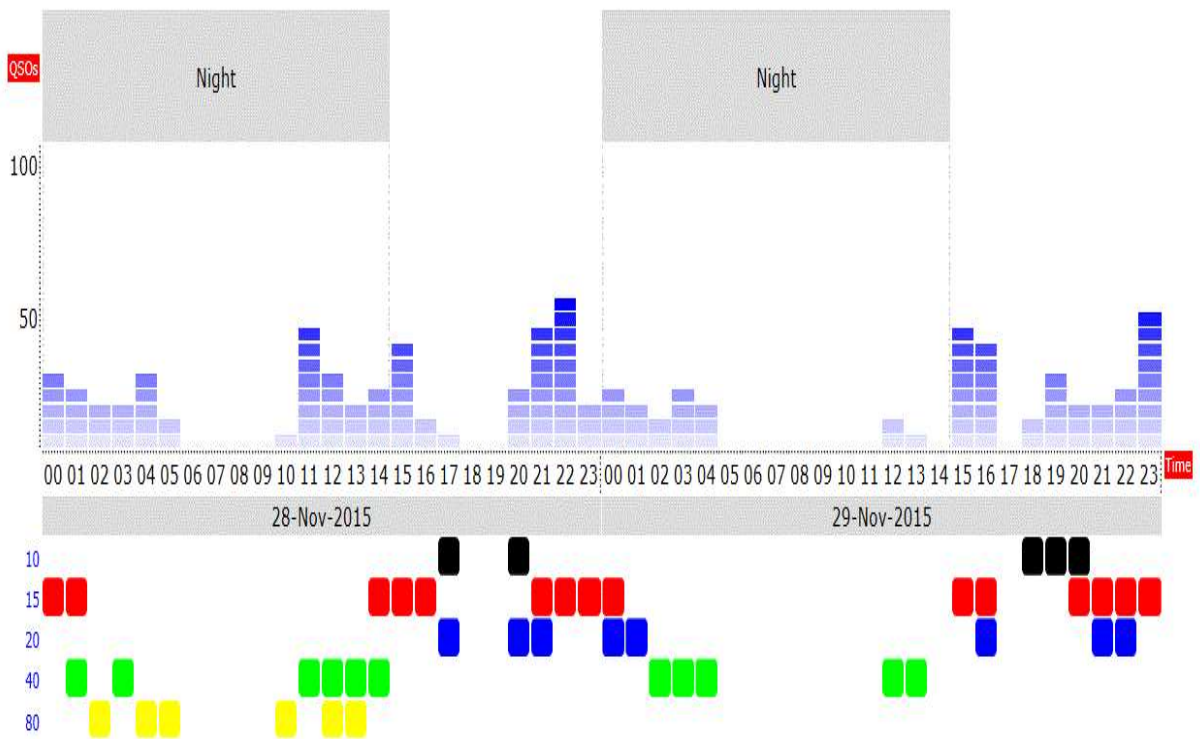
Summary

Band	CW			Digital			Phone			All		Countries	Qs Pts	Map
	QSOs	%		QSOs	%		QSOs	%		QSOs	%			
160														
80	63	10.0	<div></div>				63	10.0	<div></div>			24	145	map
40	138	21.9	<div></div>				138	21.9	<div></div>			57	377	map
20	86	13.7	<div></div>				86	13.7	<div></div>			40	222	map
15	298	47.3	<div></div>				298	47.3	<div></div>			81	838	map
10	45	7.1	<div></div>				45	7.1	<div></div>			21	115	map
All	630	100.0					630	100.0					1697	map

Rates

Period, min.	QSOs	QSOs per minute	QSOs per hour	From		To	
				Time	QSO #	Time	QSO #
10	14	1.4	84	29-Nov-2015 23:36	607	29-Nov-2015 23:47	620
20	22	1.1	66	29-Nov-2015 23:25	596	29-Nov-2015 23:43	617
30	32	1.1	64	29-Nov-2015 23:25	596	29-Nov-2015 23:54	627
60	50	0.8	50	28-Nov-2015 21:47	283	28-Nov-2015 22:46	332
120	86	0.7	43	28-Nov-2015 21:03	258	28-Nov-2015 23:11	343

Qs by hour

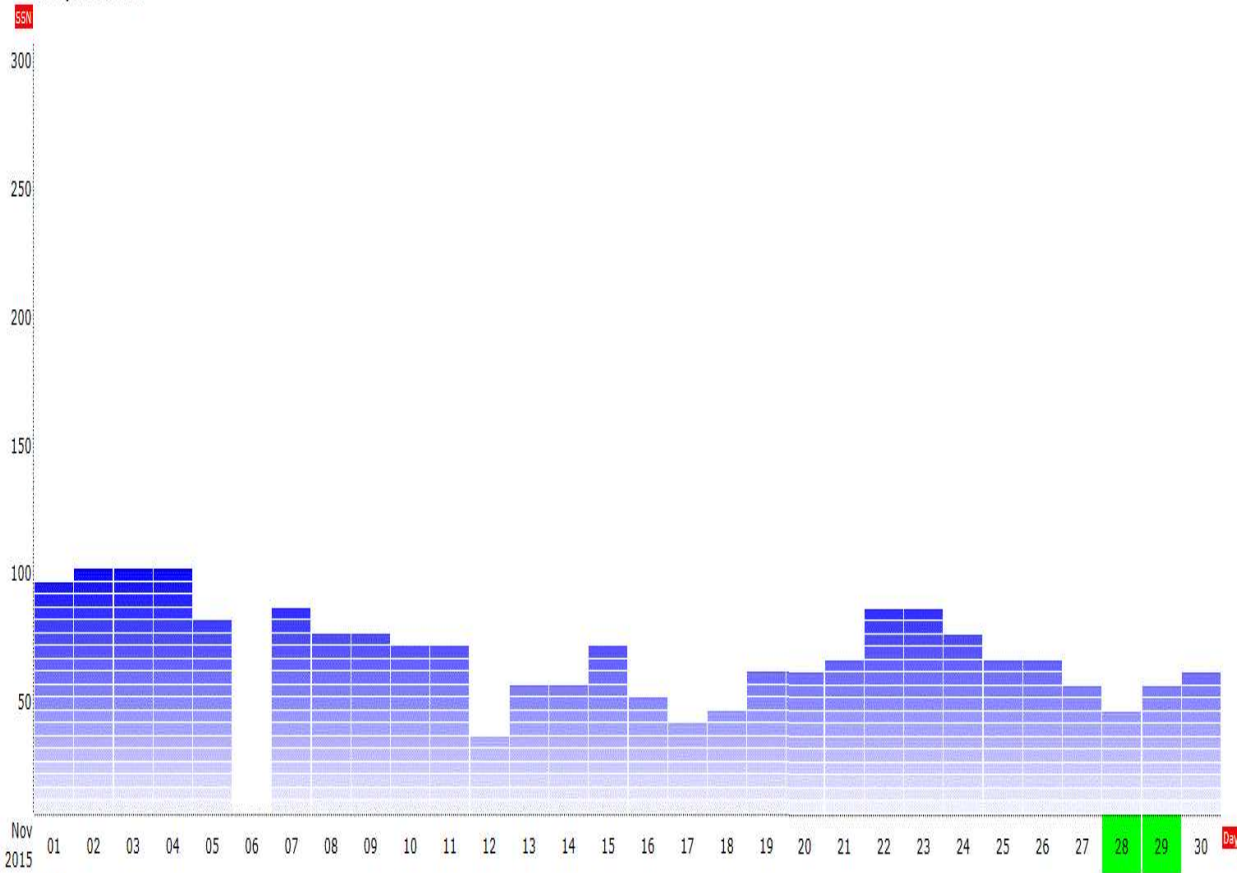


Distance

Distance, km	QSOs							%
	160	80	40	20	15	10	All	
00000 - 00500			1	1	2	1	5	0.8
00500 - 01000			1				1	0.2
01000 - 01500		2	1	1	2		6	1.0
01500 - 02000		3	1	3	2		9	1.4
02000 - 02500		8	9	6	17	5	45	7.1
02500 - 03000		5	2	2	4	1	14	2.2
03000 - 03500		8	8	9	5	4	34	5.4
03500 - 04000		3	1	3	3	1	11	1.7
04000 - 04500		6	2	4	5	2	19	3.0
04500 - 05000		9	11	10	12	10	52	8.3
05000 - 05500		2	3	2	4	1	12	1.9
05500 - 06000			1			1	2	0.3
06000 - 06500					1		1	0.2
06500 - 07000			1	4	3	1	9	1.4
07000 - 07500		1			1		2	0.3
07500 - 08000			1	1	1		3	0.5
08000 - 08500		1	4	3	13	1	22	3.5
08500 - 09000		2	10	12	35	5	64	10.2
09000 - 09500		3	19	12	69	11	114	18.1
09500 - 10000		7	31	7	79		124	19.7
10000 - 10500		2	14	3	20		39	6.2
10500 - 11000			3		3		6	1.0
11000 - 11500				1	2	1	4	0.6
11500 - 12000		1	6		7		14	2.2
12000 - 12500					1		1	0.2
12500 - 13000			1		3		4	0.6
13000 - 13500			2				2	0.3
13500 - 14000			3	1	2		6	1.0
14000 - 14500								
14500 - 15000			2	1	2		5	0.8
15000 - 15500								

Sun

Sunspot numbers



SSN

88 94 95 93 75 79 70 67 65 64 29 50 48 63 44 33 36 51 52 59 76 77 66 58 56 48 36 47 51

Hour planetary K indexes

00-03	1	0	2	4	2	4	0	3	4	5	1	1	3	2	3	1	0	4	1	2	0	0	0	0	0	1	1	1	3
03-06	2	0	3	5	1	6	0	4	4	3	0	1	3	2	2	3	2	1	1	1	0	0	0	0	0	2	0	1	4
06-09	2	0	5	5	4	6	0	4	5	4	1	1	2	1	3	1	1	1	2	0	0	0	0	0	0	1	1	1	4
09-12	3	0	5	5	3	5	2	4	5	3	2	2	2	2	3	2	3	3	2	0	0	0	0	0	0	1	1	1	4
12-15	3	3	5	5	3	4	4	3	6	3	1	3	2	2	4	1	2	2	0	1	1	1	0	0	0	1	3	2	3
15-18	2	2	4	3	3	3	3	3	4	5	0	3	1	1	3	3	3	0	0	1	1	1	0	0	0	0	1	1	2
18-21	2	0	5	2	3	4	5	3	3	3	0	3	0	1	2	3	4	1	0	0	1	0	0	0	1	0	3	3	1
21-24	1	2	3	2	2	1	3	4	3	2	1	3	2	3	2	2	5	1	1	1	1	0	0	0	2	1	3	3	2

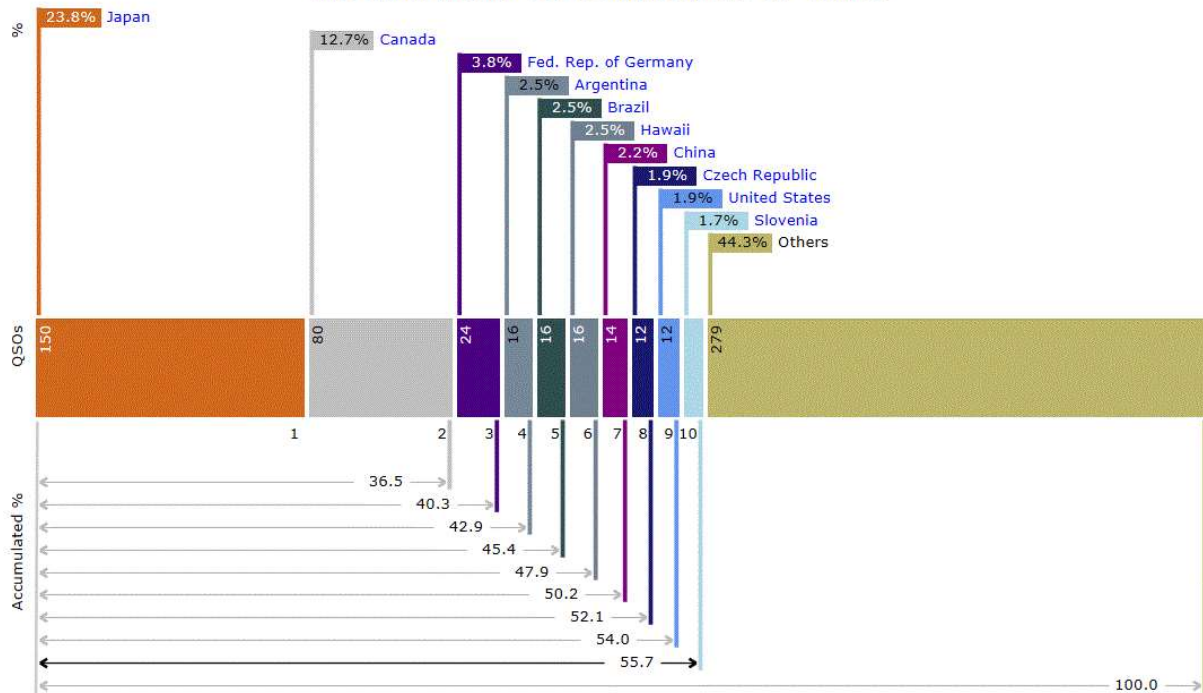
A indexes

0 4 28 20 12 20 15 22 25 20 2 10 0 0 15 0 15 7 4 2 0 2 0 0 2 4 7 0 15

Top 10 countries

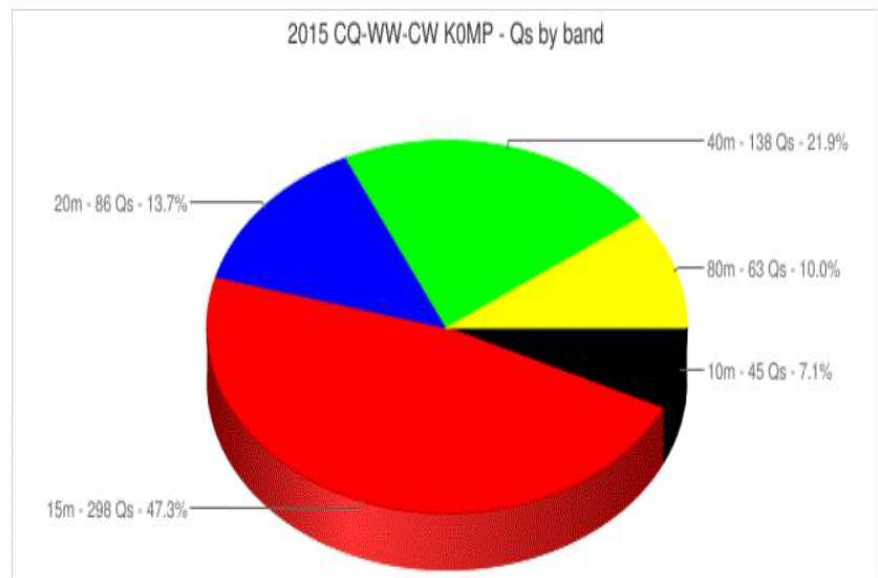
Band: ☐ 80m ☐ 40m ☐ 20m ☐ 15m ☐ 10m ☒ All

2015 CQ-WW-CW K0MP - Top 10 countries by QSOs - All - 630 QSOs

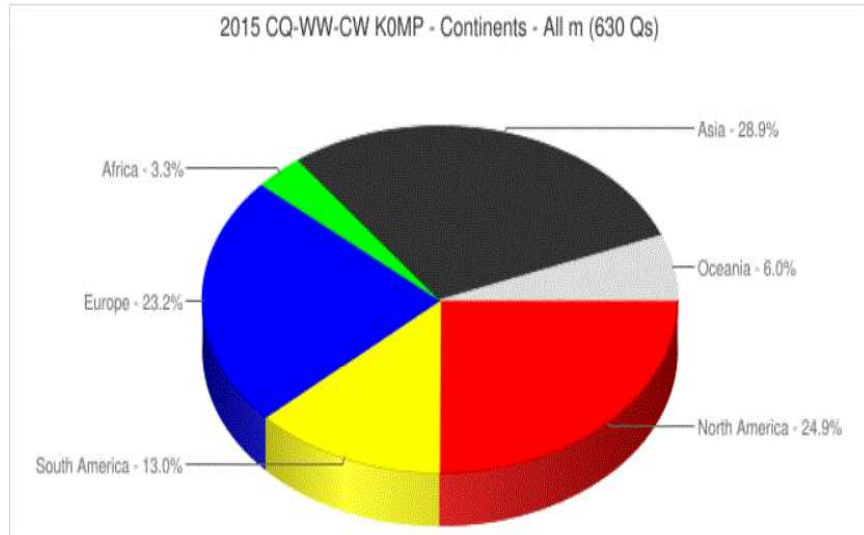


Qs by band

2015 CQ-WW-CW K0MP - Qs by band



Continents



Beam heading

