



2024

SCANDINAVIAN

ACTIVITY CONTEST

THE POLAR BATTLE



RESULTS & RECORDS

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Scandinavian Cup

The *Scandinavian Cup* is a competition between the Nordic Regions as defined in the rules §1. All entrants' scores for both CW and SSB are accumulated to a total for each region. All logs, except for checklogs, are counted towards the total. A circulating trophy is awarded to the national society of the region that wins the Cup.

As you may see the trophy goes to Finland in 2024. Actually this has happened the last ten years and we must search back to 2010 to find Sweden as the winner. Ever after that it has been the OH contesters earning the trophy.

#	COUNTRY	CW LOGS	CW SCORE	SSB LOGS	SSB SCORE	TOT LOGS	TOT SCORE
1	OH - Finland	68	14.680.361	69	15.409.786	137	30.090.147
2	SM - Sweden	65	16.400.575	75	8.750.670	140	25.151.245
3	LA - Norway	28	4.890.853	34	2.318.757	62	7.209.610
4	OZ - Denmark	24	3.630.638	14	1.365.961	38	4.996.599
5	OHO - Åland Islands	3	2.675.438	1	963.116	4	3.638.554
6	TF - Iceland	4	1.626.478	2	734.037	6	2.360.515
7	OX - Greenland	1	396.112	-	-	1	396.112
8	JW - Svalbard	-	-	1	226.219	1	226.219
9	OY - Faroe Islands	1	285.416	-	-	1	285.416



SAC is sponsored by **NRAU**, Nordic Radio Amateur Union
 SAC Contest Committee 2024: SM5AJV – LA6VQ - OH1NOA

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NRAU

Nordic Radio Amateur Union

All the Nordic countries have our own national Amateur Radio organization. More of the countries have similar languages making both general understanding and cultural understanding across the borders much easier. Additionally, we also have many common interests and goals regarding Amateur Radio as such.

These are just some of the reasons why the organizations joined our forces in establishing a Nordic amateur radio community named the "Nordic Radio Amateur Union" (NRAU).

NRAU is a Nordic organization composed of individual national organizations. NRAU's aim is to coordinate radio amateur activities, and to work towards a common solution for the Nordic countries.

NRAU holds a meeting ahead of every IARU conference, where all proposed agenda items are duly discussed in the attempt to reach a mutual Nordic understanding and agreement, when possible.

NRAU is the sponsor of the Scandinavian Activity Contest.

**SAC Contest Committee 2024:
SM5AJV + LA6VQ + OH1NOA**

Scandinavia Plaque winners 2024

CW	
SINGLE-OP ALL HIGH	OG1F - op OH1TM
SINGLE-OP ALL LOW	OH2PM
SINGLE-OP ALL QRP	SF0A - op SM0LPO
SINGLE-OP ALL HIGH ROOKIE	SA3MGL
SINGLE-OP ALL LOW ROOKIE	SA6JOF
SINGLE-OP ALL HIGH CLASSIC	OH0M - op OH6KZP
SINGLE-OP ALL LOW CLASSIC	LA2AB - op LA7MFA
SINGLE-OP ALL HIGH TB-WIRES	OG6W - op OH6NJ
SINGLE-OP ALL LOW TB-WIRES	XP2I - op OZ2I
SINGLE-OP ALL HIGH WIRE-ONLY	LC5T - op LB5WB
SINGLE-OP ALL LOW WIRE-ONLY	SF5O - op SM0EOS
MULTI-ONE ALL HIGH	SJ2W - op SM2JLA SM2LIY SM2YIZ SM2WMV
MULTI-MULTI ALL HIGH	OH7K - op OH2KW OH2LQ OH2TA OH5BQ OH7CW OH7MA OH7WP

SSB	
SINGLE-OP ALL HIGH	OH0V - op OH6LI
SINGLE-OP ALL LOW	OH2PM
SINGLE-OP ALL QRP	8S3DX - op SM3LDP
SINGLE-OP ALL HIGH ROOKIE	SA3MGL
SINGLE-OP ALL LOW ROOKIE	SA6JOF
SINGLE-OP ALL HIGH CLASSIC	OG6K
SINGLE-OP ALL LOW CLASSIC	SM6TOL
SINGLE-OP ALL HIGH TB-WIRES	OH6DX
SINGLE-OP ALL LOW TB-WIRES	OH7TO
SINGLE-OP ALL HIGH WIRE-ONLY	LC5C - op LA6KOA
SINGLE-OP ALL LOW WIRE-ONLY	LC1P - op LA1DSA
MULTI-ONE ALL HIGH	SJ2W - op SM2LIY SM2MTR SM2WMV SM2YIZ
MULTI-MULTI ALL HIGH	OG1F - op OH1TM OH1MM OH1NOA OH3RM OH6GDX DL3YM

World Plaque winners 2024

AFRICA

CW

SINGLE-OP ALL HIGH – **EA8BW**

SINGLE-OP ALL LOW – **ZS5XT**

SINGLE-OP ALL QRP – **EA8AQM**

SSB

SINGLE-OP ALL HIGH – **ZS2ABE**

SINGLE-OP ALL LOW – **EA8AM**

ASIA

CW

SINGLE-OP ALL HIGH – **P3X**

SINGLE-OP ALL LOW – **UP7L** (op. UN6LN)

SINGLE-OP ALL QRP – **JA6GCE**

SSB

SINGLE-OP ALL HIGH – **UN0LM**

SINGLE-OP ALL LOW – **UP7L** (op. UN6LN)

SINGLE-OP ALL QRP – **JK1TCV**

MULTI-ONE ALL HIGH – **BY1RX** (op. BD1IIJ
BA1AJ BD1KV)

EUROPE

CW

SINGLE-OP ALL HIGH – **LY5W**

SINGLE-OP ALL LOW – **OM7LW**

SINGLE-OP ALL QRP – **DL1EFW**

SINGLE-OP LOW-BAND HIGH – **SN1T**

MULTI-ONE ALL HIGH – **9A7T** (op. 9A2EU
9A5MR)

SSB

SINGLE-OP ALL HIGH – **HB9NE** (op. HB9EOU)

SINGLE-OP ALL LOW – **I28DSX**

SINGLE-OP ALL QRP – **OK6OK**

SINGLE-OP LOW-BAND HIGH – **LY2CX**

MULTI-ONE ALL HIGH – **IT9YVO** (op. IT9UFP
IT9YVO)

NORTH AMERICA

CW

SINGLE-OP ALL HIGH – **W1KM**

SINGLE-OP ALL LOW – **K7SV**

SINGLE-OP ALL QRP – **W1FJ**

SINGLE-OP LOW-BAND HIGH – **N2KW**

MULTI-ONE ALL HIGH – **KC1XX**

SSB

SINGLE-OP ALL HIGH – **KA1IS**

SINGLE-OP ALL LOW – **VE9CZ**

SINGLE-OP ALL QRP – **K3TW**

MULTI-ONE ALL HIGH – **N1SOH** (op. N1SOH
W1FM)

OCEANIA

CW

SINGLE-OP ALL HIGH – **YE1GXQ**

SINGLE-OP ALL LOW – **YB9ELS**

SINGLE-OP ALL QRP – **YD6ROA**

SSB

SINGLE-OP ALL HIGH – **VJ2W**

SINGLE-OP ALL LOW – **YC1CMZ**

SOUTH AMERICA

CW

SINGLE-OP ALL HIGH – **PY3TD**

SINGLE-OP ALL LOW – **PY5AMF**

SINGLE-OP ALL QRP – **PU5ALE**

SSB

SINGLE-OP ALL HIGH – **PY2MP**

SINGLE-OP ALL LOW – **FY5KE** (op. F5UII)

SINGLE-OP ALL QRP – **PY2PLL**

MULTI-ONE ALL HIGH – **CE2LS** (op. CE2AH
CE2SQE CE2VQE)

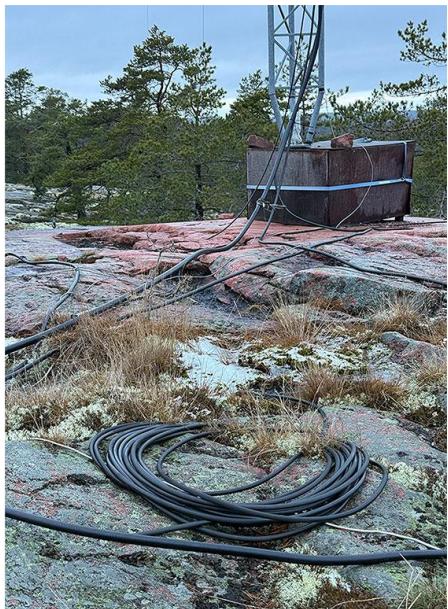
Sponsored Plaque Winners 2024

PLAQUE	SPONSOR	WINNER
SO – MIX: Worked most OH	Esa Korhonen, OH7WV	LY5W
SO – MIX: Worked most OX/OY	Henning Andresen, XP2I	W1KM
SO – MIX: Worked most OZ	Tommy Clemmensen, OZ1THC	LY5W
SO – MIX: Worked most SM	Ingemar Fogelberg, SM5AJV	LY5W
SO – MIX: Worked most TF	Thorvaldur Stefansson, TF4M	LY5W
SO – MIX: Best Ukraine	Keijo Koskela, OG5O/OH2OT	UZ1WW
SO – MIX: Best Germany & Poland	“Zaba” Hubach, OH1ZAA	DG9SEH
SO – MIX: Best OVERALL score	Jari Perkiölä OH6BG	P3X
SO – MIX: Best Baltic	Jyrki Nieminen, OH6CS	LY5W
SO – MIX: Best NA	Jukka Kulha OH2MA	KA1IS
SO – MIX: Best SA	Keijo Koskela, OG5O/OH2OT	FY5KE
SO – MIX: Best EU	Olof Lundberg, G0CKV	LY5W
SO – MIX: Best Young operator (<25)	Henning Andresen, OZ2I	SP5KAB op SP5TG
SO – SSB: Best BY	Ville Lintervo, OH1JD	BA4TB
SO – SSB: Best JA	Kari Viitamäki, OH6FSG	JR3AAZ
SO – SSB: First over 300 Qs	Erwin Gafe, DH9DX	HB9NE
SO – CW: First over 300 Qs	Hans Jørgen Rasmussen, OZ7BQ	P3X
SO – CW: Best BY	Ville Lintervo, OH1JD	BY1RX
SO – CW: Best JA	Mika Hermas, OH2JA	JN4MMO
SO – CW: Best Belgium & Netherlands	“Zaba” Hubach, OH1ZAA	PC4E
SO – CW: Best HP ASEAN (XZ HS XW XU 3W 9M 9V V85 YB DU)	Jukka Tarvainen, OH4MFA	E21EIC
SO – CW: Best LP ASEAN (XZ HS XW XU 3W 9M 9V V85 YB DU)	Jukka Tarvainen, OH4MFA	YB9ELS
SO – CW: Best US	Kathleen Kerns, K7KER	W1KM
SO – MIX: Best YL/XYL	Ulf Melin, SM3RAB	OH2YL
SO – MIX: Best SM	Tore Andersson, SM0DZB	SE5E op SM5AJV
SO – SSB: Best SOAB HP Sweden	Mike Larssmark, SJ2W	SE5E op SM5AJV
SO – CW: Best Low Power Single Wire	Kenneth L. Poulsen, OZ1BIZ	SF5O op SM0EOS
SO – CW: Best SOAB HP Sweden	SJ2W Contest Team	SE5E op SM5AJV

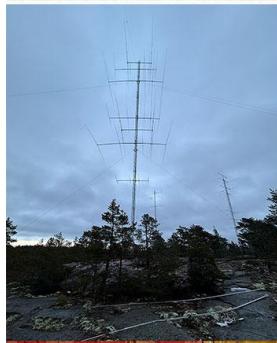




OH0Z Photos



OH
Ø
Z



OH6EI Tomi and OH2N Juha have build this station on Åland Islands throue the last 15 years and it has become one of the leading contest-stations on the islands.

Pictures thanks to OZ2I

SAC Records [1999 to 2024]

SCANDINAVIA

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	OH0V	2014	1.642.630	OH6LI
LOW	OH0V	2013	853.450	OH6LI
QRP	OH0V	2021	219.492	OH6LI

Single Operator TB-Wires

HIGH	OG3B	2023	903.312	OH3RB
LOW	OH1RX	2013	530.491	OH1RX

Single Operator Classic

HIGH	OH0M	2024	1.013.328	OH6KZP
LOW	LA2AB	2024	572.250	LA7MFA

Single Operator Rookie

HIGH	OH5CZ	2016	485.376	OH5CZ
LOW	OH5CZ	2015	214.326	OH5CZ

Single Operator WIRE-ONLY

HIGH	LC5T	2024	552.640	LB5WB
LOW	SF5O	2024	409.360	SM0EOS

Single Operator Single Band

80M	OH6RX	2020	70.315	OH6RX
40M	OH7N	2010	182.140	OH7MA
20M	OH8L	2016	246.640	OH8LQ
15M	OH6AC	2002	208.362	OH6CS
10M	OH5BM	2002	105.930	

Multi Operator

MULTI-ONE	OH1F	2002	1.532.416	OH1MDR OH1MM OH1NOA
MULTI-MULTI	SK3W	2002	3.221.298	SM0GNU SM0OEK SM3EVR SM3OSM SM3SGP SM5IMO

SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	OH0B	1999	2.227.104	OH2BH
LOW	OH4R	2002	753.940	OH4JFN
QRP	LA1DSA	2014	41.832	LA1DSA

Single Operator TB-Wires

HIGH	OG66X	2023	981.558	OH8WW
LOW	OH3JP	2014	291.496	OH3JP

Single Operator Rookie

HIGH	OH8RX	2023	415.944	
LOW	OH6ECM	2013	175.182	OH6ECM

Single Operator WIRE-ONLY

HIGH	OZ0MF	2023	281.267	DL2JRM
LOW	OV9M	2023	142.790	DF9TM

Single Operator Classic

HIGH	OG6K	2024	802.125	
LOW	SM6TOL	2024	97.732	

Single Operator Single Band

80M	OH6RX	2008	58.242	
40M	OH0JFP	2009	160.064	SM0TQX
20M	OH4A	2002	384.809	OH6LI
15M	OH5BM	2000	380.424	
10M	OY9JD	2002	240.651	

Multi Operator

MULTI-ONE	SJ2W	2023	2.120.358	SA2CLC SM2MTR SM2WMV SM2LIY
MULTI-MULTI	OH2U	1999	4.379.958	OH1JT OH2BVI OH2HE OH2IW OH2JTE OH2XX OH6CT OH7JR

AFRICA

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	EA8/OH0XX	2020	98.816	OHOXX
LOW	EA8CN	2001	30.555	
QRP	EA8AQM	2024	720	

SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	CR3L	2012	118.118	DF3FS
LOW	EA8/OH2BP	2014	35.020	OH2BP
QRP				

ASIA

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	P3X	2024	209.664	
LOW	RA9AP	2014	179.478	
QRP	RA9SO	2012	67.850	

Single Operator Low Band

HIGH	UA9W	2021	56.871	UA9W
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Multi Operator

MULTI-ONE	UO5L	2011	225.182	UN7LZ UN9LAB
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SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	5B4AIF	2011	223.928	5B4AIE
LOW	RF9C	2012	98.841	RV9CBW
QRP	UN4L	2023	25.382	

Single Operator Low Band

HIGH	R9AB	2020	7.344	R9AB
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Multi Operator

MULTI-ONE	RK9CWW	2002	114.471	RZ9CO UA9CIR
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EUROPE

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	DL6FBL	2011	191.955	
LOW	S50XX	2014	131.130	
QRP	RW4WA	2014	90.978	

SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	LX7I	2012	177.248	OH6KZP
LOW	I2PJA	2014	105.386	
QRP	HG3M	2014	59.047	HA3MY

Single Operator Low Band

HIGH	LY5W	2015	30.320	LY5W
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Single Operator Low Band

HIGH	9A9A	2017	28.002	
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Multi Operator

MULTI-ONE	9A5Y	2014	152.064	9A3NM, 9A5CM, 9A5TO, 9A7DX
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Multi Operator

MULTI-ONE	LZ5R	2012	147.240	LZ1UK LZ3RR LZ4UU
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NORTH AMERICA

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	N2KW	2011	162.195	N2KW
LOW	VE3DZ	2013	91.903	VE3DZ
QRP	KR2Q	2010	27.840	

Single Operator Low Band

HIGH	AA2A	2016	40.194	N2KW
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Multi Operator

MULTI-ONE	KC1XX	2024	105.280	
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SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	K3ZO	2013	74.200	
LOW	VE3DZ	2002	34.600	
QRP	N4BP	2001	16.892	

Single Operator Low Band

HIGH	N5RZ	2023	2.736	
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Multi Operator

MULTI-ONE	VA6MA	2013	41.895	VE6JY,VA6MA @ VE6JY
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OCEANIA

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	VK2APK	2002	23.408	
LOW	VK2APK	2001	22.161	
QRP	YBOANN	2015	475	

Single Operator Low Band

HIGH	ZM4G	2015	8.712	ZL2IFB
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Multi Operator

MULTI-ONE	DU1/JJ5GMJ	2010	1.900	
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SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	VK5GN	2001	19.680	
LOW	VK2APK	2001	20.400	
QRP	YB2OK	2003	720	

Single Operator Low Band

HIGH	YC5ACD	2020	756	YC5ACD
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Multi Operator

MULTI-ONE	DV1IIW	2021	1.323	DV1IIW 4G1LDC
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SOUTH AMERICA

CW

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	PY2ZEA	2011	151.320	OH2MM
LOW	PY4FQ	2011	33.800	PY4FQ
QRP	PY4ZO	2011	13.125	PY4ZO

Single Operator Low Band

HIGH	CX6VM	2016	5.421	CX6VM
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Multi Operator

MULTI-ONE	PT5T	2011	109.854	PP5EG PP5NZ
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SSB

CATEGORY	CALL	YEAR	SCORE	OPR.
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Single Operator All Band

HIGH	PY2ZEA	2012	67.564	OH2MM
LOW	FY5KE	2024	64.714	F5UII
QRP	PY2PLL	2024	7.800	

Single Operator Low Band

HIGH	PY5DC	2016	240	PY5DC
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Multi Operator

MULTI-ONE	PS2T	2007	28.275	
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SN4K photo

CW operator from Poland



This is my local QRA SN4K while SAC CW 2024.

My rig: FT450D, ant. DELTA.

Henryk Jokiel



2024 FINAL RESULTS

CW 2024 FULL

SAC CW 2024 SINGLE-OP HIGH

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OG1F	ALL	HIGH	NONE	2085	4.987	239	1.191.893	OH1TM
2	OH2AM	ALL	HIGH	NONE	1879	4.485	237	1.062.945	ES2RR
3	OH0M	ALL	HIGH	CLASSIC	1909	4.464	227	1.013.328	OH6KZP
4	SE5E	ALL	HIGH	NONE	1896	4.395	229	1.006.455	SM5AJV
5	OG6K	ALL	HIGH	NONE	1752	4.114	207	851.598	
6	OH0V	ALL	HIGH	NONE	1579	3.772	215	810.980	OH6LI
7	TF3D	ALL	HIGH	NONE	1803	4.034	199	802.766	TF3UT
8	TF3W	ALL	HIGH	NONE	1812	4.208	187	786.896	
9	LN3C	ALL	HIGH	NONE	1692	3.796	187	709.852	LB8DC
10	OH8L	ALL	HIGH	NONE	1548	3.655	189	690.795	OH8LQ
11	OG6W	ALL	HIGH	TB-WIRES	1409	3.305	188	621.340	OH6NJ
12	OZ1IKY	ALL	HIGH	NONE	1321	3.121	198	617.958	
13	OH1NA	ALL	HIGH	CLASSIC	1408	3.128	181	566.168	OH1NOA
14	LC5T	ALL	HIGH	WIRE-ONLY	1424	3.140	176	552.640	LB5WB
15	SB7S	ALL	HIGH	TB-WIRES	1342	3.053	176	537.328	
16	OH8X	ALL	HIGH	NONE	1182	2.710	175	474.250	OH2UA
17	OH3FM	ALL	HIGH	CLASSIC	1330	2.954	160	472.640	
18	SE4A	ALL	HIGH	NONE	1185	2.643	174	459.882	SM4HCM
19	LA8OM	ALL	HIGH	TB-WIRES	1259	2.733	153	418.149	
20	OZ0B	ALL	HIGH	TB-WIRES	1071	2.443	165	403.095	OZ1ISY
21	SM6EAN	ALL	HIGH	CLASSIC	1056	2.362	158	373.196	
22	OG1D	ALL	HIGH	NONE	976	2.315	159	368.085	OH1JD
23	OH6OS	ALL	HIGH	NONE	966	2.223	160	355.680	
24	OH4BCS	ALL	HIGH	CLASSIC	965	2.165	161	348.565	OH1ZAA
25	SM5EPO	ALL	HIGH	NONE	919	2.120	162	343.440	
26	SK6EI	ALL	HIGH	TB-WIRES	986	2.231	150	334.650	SM6DHF
27	OH2PQ	ALL	HIGH	CLASSIC	892	2.103	155	325.965	
28	SM5/DL2SWW	ALL	HIGH	WIRE-ONLY	1055	2.258	143	322.894	EX SD7W
29	SM6LJU	ALL	HIGH	NONE	898	2.043	158	322.794	
30	SD0W	ALL	HIGH	TB-WIRES	949	2.116	150	317.400	SM0FPR
31	SM6M	ALL	HIGH	NONE	812	1.850	154	284.900	
32	OZ8SW	ALL	HIGH	NONE	824	1.931	138	266.478	
33	OY1CT	ALL	HIGH	NONE	980	2.084	124	258.416	
34	OG4A	ALL	HIGH	TB-WIRES	811	1.818	133	241.794	OH2BAI
35	P3X	ALL	HIGH	NONE	670	1.092	192	209.664	
36	OH1X	ALL	HIGH	CLASSIC	696	1.541	130	200.330	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
37	OH2OA	ALL	HIGH	NONE	762	1.644	111	182.484	
38	LA9OI	ALL	HIGH	NONE	686	1.534	117	179.478	
39	OH6CT	ALL	HIGH	NONE	519	1.241	118	146.438	
40	SE5B	ALL	HIGH	WIRE-ONLY	574	1.232	115	141.680	SM5CBN
41	SM6NT	ALL	HIGH	NONE	533	1.227	114	139.878	
42	W1KM	ALL	HIGH	NONE	466	780	171	133.380	
43	KA1IS	ALL	HIGH	NONE	498	772	166	128.152	
44	OG66X	15M	HIGH	NONE	818	2.048	62	126.976	OH8WW
45	OH2BFG	ALL	HIGH	CLASSIC	481	1.045	102	106.590	
46	LY5W	ALL	HIGH	NONE	590	590	178	105.020	
47	SM5INC	15M	HIGH	NONE	691	1.765	58	102.370	
48	K1LZ	ALL	HIGH	NONE	372	610	164	100.040	
49	OG6N	15M	HIGH	NONE	653	1.637	61	99.857	OH6NIO
50	SF1Z	ALL	HIGH	NONE	404	880	108	95.040	SM0HEV
51	LC7X	ALL	HIGH	NONE	428	1.009	91	91.819	
52	LZ6E	ALL	HIGH	TB-WIRES	531	531	172	91.332	LZ1GU
53	OG55W	15M	HIGH	NONE	627	1.566	56	87.696	OG5O
54	OH6BA	ALL	HIGH	WIRE-ONLY	432	922	92	84.824	
55	OH6RE	ALL	HIGH	NONE	407	897	86	77.142	
56	OH8WR	ALL	HIGH	NONE	417	955	78	74.490	
57	9A1AA	ALL	HIGH	TB-WIRES	433	433	162	70.146	
58	OG9X	15M	HIGH	NONE	539	1.373	51	70.023	
59	IK1PMR	ALL	HIGH	NONE	452	452	153	69.156	
60	SM6NZA	ALL	HIGH	NONE	325	735	93	68.355	
61	OH2BKX	20M	HIGH	NONE	503	1.113	52	57.876	
62	DL5XJ	ALL	HIGH	TB-WIRES	343	343	162	55.566	
63	IK3VUT	ALL	HIGH	NONE	388	388	140	54.320	
64	LA0GE	20M	HIGH	NONE	531	1.134	47	53.298	
65	YO4NF	ALL	HIGH	NONE	367	367	142	52.114	
66	I2IFT	ALL	HIGH	NONE	359	359	140	50.260	
67	VE3NNT	ALL	HIGH	NONE	295	407	121	49.247	
68	YO8DOH	ALL	HIGH	NONE	363	363	134	48.642	
69	DF6JC	ALL	HIGH	NONE	348	348	135	46.980	
70	HG5D	ALL	HIGH	NONE	310	310	150	46.500	HA8QZ
71	VE3NZ	ALL	HIGH	NONE	277	377	121	45.617	
72	N6AR	ALL	HIGH	NONE	271	353	124	43.772	
73	EA5FID	ALL	HIGH	TB-WIRES	338	338	118	39.884	
74	S56A	ALL	HIGH	NONE	295	295	133	39.235	
75	K1AR	ALL	HIGH	NONE	274	340	114	38.760	
76	E71A	ALL	HIGH	NONE	301	301	128	38.528	
77	N3QE	ALL	HIGH	NONE	267	321	116	37.236	
78	UN0LM	ALL	HIGH	NONE	290	336	109	36.624	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
79	LA5FJA	20M	HIGH	NONE	422	905	40	36.200	
80	LZ1BP	ALL	HIGH	NONE	314	314	115	36.110	
81	OG7A	10M	HIGH	NONE	266	707	51	36.057	OH6MW
82	DK4WW	ALL	HIGH	WIRE-ONLY	297	297	121	35.937	
83	E21EIC	ALL	HIGH	NONE	223	315	114	35.910	
84	OG5B	10M	HIGH	NONE	265	707	50	35.350	
85	DJ2XY	ALL	HIGH	TB-WIRES	314	314	107	33.598	
86	SN5N	ALL	HIGH	NONE	282	282	119	33.558	
87	UT2UB	ALL	HIGH	NONE	285	285	115	32.775	
88	F5PHW	ALL	HIGH	NONE	255	255	127	32.385	
89	K3UL	ALL	HIGH	NONE	227	287	108	30.996	
90	N3RD	ALL	HIGH	NONE	237	295	105	30.975	
91	EA8BW	ALL	HIGH	NONE	225	305	101	30.805	
92	OK1OA	ALL	HIGH	TB-WIRES	260	260	115	29.900	
93	NA8V	ALL	HIGH	NONE	178	310	96	29.760	
94	LA6VM	40M	HIGH	NONE	371	794	37	29.378	
95	K3MM	ALL	HIGH	NONE	191	323	90	29.070	
96	NB1N	ALL	HIGH	NONE	211	281	103	28.943	
97	DR2C	ALL	HIGH	TB-WIRES	254	254	113	28.702	DJ0IF
98	OH7JL	20M	HIGH	NONE	351	728	39	28.392	
99	DG9SEH	ALL	HIGH	NONE	258	258	110	28.380	
100	M1X	ALL	HIGH	NONE	279	279	98	27.342	G0CKP
101	OK2EA	ALL	HIGH	NONE	259	259	105	27.195	
102	UV1IX	ALL	HIGH	NONE	261	261	104	27.144	
103	OG1R	10M	HIGH	NONE	222	583	46	26.818	
104	7S1DX	80M	HIGH	NONE	350	715	37	26.455	SM0DSG
105	LY2A	ALL	HIGH	NONE	234	234	112	26.208	
106	K1ZZ	ALL	HIGH	NONE	163	263	97	25.511	
107	F6AUS	ALL	HIGH	TB-WIRES	240	240	106	25.440	
108	W1GD	ALL	HIGH	NONE	187	245	103	25.235	
109	YL2KO	ALL	HIGH	NONE	211	211	118	24.898	
110	M0TDW	ALL	HIGH	NONE	243	243	101	24.543	
111	OM3CPF	ALL	HIGH	NONE	233	233	105	24.465	
112	VE3CT	ALL	HIGH	NONE	217	253	95	24.035	
113	F5SGI	ALL	HIGH	NONE	235	235	101	23.735	
114	K1JB	ALL	HIGH	NONE	195	237	98	23.226	
115	N4BP	ALL	HIGH	NONE	188	232	99	22.968	
116	VE7ZO	ALL	HIGH	NONE	182	262	86	22.532	
117	PA5WT	ALL	HIGH	NONE	232	232	97	22.504	
118	SQ9MZ	ALL	HIGH	TB-WIRES	236	236	95	22.420	
119	OH4MDY	20M	HIGH	NONE	291	622	36	22.392	
120	PA3AAV	ALL	HIGH	NONE	217	217	103	22.351	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
121	DJ6GI	ALL	HIGH	TB-WIRES	213	213	101	21.513	
122	LY1M	ALL	HIGH	WIRE-ONLY	205	205	103	21.115	
123	K1TZQ	ALL	HIGH	WIRE-ONLY	165	233	90	20.970	
124	JN4MMO	ALL	HIGH	NONE	230	232	90	20.880	
125	N2KW	LOW	HIGH	NONE	125	375	52	19.500	
126	W9ILY	ALL	HIGH	NONE	179	211	92	19.412	
127	UR7LY	ALL	HIGH	NONE	195	195	99	19.305	
128	DL2OM	ALL	HIGH	NONE	201	201	96	19.296	
129	YE1GXQ	ALL	HIGH	TB-WIRES	175	215	89	19.135	
130	9A3XV	ALL	HIGH	NONE	172	172	110	18.920	
131	G3PJT	ALL	HIGH	NONE	202	202	93	18.786	
132	MM2T	ALL	HIGH	NONE	174	174	105	18.270	
133	OK1FMX	ALL	HIGH	NONE	202	202	90	18.180	
134	SP5ELA	ALL	HIGH	WIRE-ONLY	193	193	94	18.142	
135	SN1T	LOW	HIGH	NONE	242	242	73	17.666	
136	LY2CX	LOW	HIGH	NONE	241	241	73	17.593	
137	SP4TKR	LOW	HIGH	NONE	240	240	73	17.520	
138	HA1AH	ALL	HIGH	NONE	202	202	86	17.372	
139	IV3IPS	ALL	HIGH	TB-WIRES	204	204	85	17.340	
140	9A6A	ALL	HIGH	NONE	227	227	76	17.252	
141	OM5MX	ALL	HIGH	NONE	204	204	83	16.932	
142	SP2QG	LOW	HIGH	NONE	220	220	73	16.060	
143	AK1MD	ALL	HIGH	NONE	133	205	78	15.990	
144	VE2FK	ALL	HIGH	NONE	176	188	85	15.980	
145	SP1AEN	LOW	HIGH	NONE	221	221	72	15.912	
146	K6NA	ALL	HIGH	NONE	140	200	79	15.800	
147	YL7A	LOW	HIGH	NONE	224	224	70	15.680	
148	EA4R	ALL	HIGH	NONE	168	168	93	15.624	
149	HA7TM	LOW	HIGH	NONE	214	214	72	15.408	
150	LZ5Y	ALL	HIGH	NONE	195	195	79	15.405	
151	SP2FAP	ALL	HIGH	NONE	178	178	86	15.308	
152	DL0MCM	LOW	HIGH	NONE	209	209	71	14.839	DL6KWN
153	JA7ACM	ALL	HIGH	NONE	172	182	81	14.742	
154	LY2MM	LOW	HIGH	NONE	215	215	68	14.620	
155	YO5AVN	LOW	HIGH	NONE	206	206	70	14.420	
156	OK2QA	ALL	HIGH	NONE	168	168	84	14.112	
157	SP2R	LOW	HIGH	NONE	200	200	70	14.000	
158	UR5EJ	ALL	HIGH	NONE	165	165	84	13.860	
159	4Z4KX	LOW	HIGH	NONE	92	276	50	13.800	
160	K3SV	ALL	HIGH	NONE	126	176	78	13.728	
161	LY3CY	ALL	HIGH	NONE	176	176	78	13.728	
162	LY5R	LOW	HIGH	NONE	193	193	71	13.703	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
163	SP3VT	ALL	HIGH	NONE	200	200	68	13.600	
164	M4N	ALL	HIGH	WIRE-ONLY	181	181	74	13.394	G4IZZ
165	DJ3CQ	ALL	HIGH	NONE	161	161	82	13.202	
166	K4RUM	ALL	HIGH	NONE	148	172	76	13.072	
167	LZ9A	ALL	HIGH	NONE	133	133	98	13.034	
168	OH2KI	10M	HIGH	NONE	128	339	38	12.882	
169	LY2XW	ALL	HIGH	NONE	166	166	77	12.782	
170	SP8GNF	LOW	HIGH	NONE	181	181	69	12.489	
171	HA8TKS	LOW	HIGH	NONE	181	181	67	12.127	
172	N4YDU	ALL	HIGH	NONE	123	139	86	11.954	
173	OH5LLR	80M	HIGH	NONE	200	403	29	11.687	
174	PY3TD	ALL	HIGH	NONE	145	151	77	11.627	
175	IV3HAX	ALL	HIGH	NONE	178	178	65	11.570	
176	K9NW	ALL	HIGH	NONE	158	158	72	11.376	
177	YL2PJ	LOW	HIGH	NONE	175	175	64	11.200	
178	OK1PI	ALL	HIGH	NONE	147	147	76	11.172	
179	LY2NK	ALL	HIGH	NONE	143	143	78	11.154	
180	K4RO	ALL	HIGH	NONE	156	156	71	11.076	
181	SP2MKI	ALL	HIGH	NONE	153	153	71	10.863	
182	UR3QX	ALL	HIGH	NONE	141	141	77	10.857	
183	SO5N	ALL	HIGH	NONE	126	126	86	10.836	SP5BMU
184	F5NBX	ALL	HIGH	NONE	129	129	83	10.707	
185	K7WP	ALL	HIGH	NONE	146	146	73	10.658	
186	UT5UGR	LOW	HIGH	NONE	168	168	63	10.584	
187	K9OM	ALL	HIGH	TB-WIRES	111	183	57	10.431	
188	K8PK	ALL	HIGH	WIRE-ONLY	119	153	68	10.404	
189	N4AF	ALL	HIGH	NONE	120	134	75	10.050	
190	N5ZO	ALL	HIGH	NONE	104	158	62	9.796	
191	ZD7BG	ALL	HIGH	NONE	137	137	71	9.727	
192	N6ZFO	ALL	HIGH	NONE	114	154	63	9.702	
193	OZ4O	15M	HIGH	NONE	122	306	31	9.486	
194	F6HDI	ALL	HIGH	NONE	148	148	64	9.472	
195	S59AA	ALL	HIGH	NONE	137	137	68	9.316	
196	F8DFP	ALL	HIGH	NONE	124	124	72	8.928	
197	D4L	ALL	HIGH	NONE	141	141	63	8.883	IK2NCJ
198	LZ1QN	ALL	HIGH	NONE	142	142	60	8.520	
199	ZL2AGY	ALL	HIGH	NONE	105	133	64	8.512	
200	DL1BUG	ALL	HIGH	NONE	98	98	86	8.428	
201	SP7M	LOW	HIGH	NONE	129	129	65	8.385	SP5EWX
202	PY2ZEA	ALL	HIGH	NONE	120	130	64	8.320	
203	OH7L	40M	HIGH	NONE	143	297	28	8.316	OH8TV
204	JO7KMB	ALL	HIGH	NONE	118	128	64	8.192	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
205	K1RM	ALL	HIGH	NONE	110	124	65	8.060	
206	LZ3ZZ	LOW	HIGH	NONE	132	132	61	8.052	
207	K3AU	ALL	HIGH	TB-WIRES	85	117	68	7.956	K2YWE
208	G3ZGC	ALL	HIGH	NONE	117	117	68	7.956	
209	LY6O	LOW	HIGH	NONE	130	130	61	7.930	
210	IT9ATF	ALL	HIGH	NONE	122	122	65	7.930	
211	JR6CSY	ALL	HIGH	NONE	117	131	60	7.860	
212	IK4DCX	ALL	HIGH	NONE	104	104	75	7.800	
213	MM1Z	LOW	HIGH	NONE	132	132	59	7.788	MM0DFV
214	LU8QT	ALL	HIGH	NONE	98	116	66	7.656	
215	DL1DTL	LOW	HIGH	NONE	126	126	60	7.560	
216	EA4FME	ALL	HIGH	NONE	112	112	67	7.504	
217	EB5F	ALL	HIGH	NONE	120	120	62	7.440	
218	SP2XX	ALL	HIGH	NONE	112	112	66	7.392	
219	W1ARY	ALL	HIGH	NONE	111	117	62	7.254	
220	ES6DO	ALL	HIGH	NONE	107	107	67	7.169	
221	N0AV	ALL	HIGH	NONE	98	108	65	7.020	
222	4X1VF	ALL	HIGH	NONE	99	115	61	7.015	
223	N4QS	ALL	HIGH	NONE	117	117	59	6.903	
224	K3IE	ALL	HIGH	NONE	105	111	62	6.882	
225	LY2AX	ALL	HIGH	NONE	100	100	68	6.800	
226	WA3AER	ALL	HIGH	NONE	105	111	60	6.660	
227	AF2F	ALL	HIGH	NONE	82	116	56	6.496	
228	SQ5J	ALL	HIGH	NONE	108	108	59	6.372	
229	DK1AX	ALL	HIGH	NONE	98	98	65	6.370	
230	K1TH	ALL	HIGH	NONE	85	113	56	6.328	
231	G3XTT	ALL	HIGH	NONE	111	111	57	6.327	
232	SN2S	ALL	HIGH	NONE	115	115	55	6.325	
233	VK2GR	ALL	HIGH	NONE	95	107	59	6.313	
234	JQ3ALW	ALL	HIGH	NONE	101	111	56	6.216	
235	HG6O	LOW	HIGH	NONE	111	111	54	5.994	HA6OA
236	OH3NU	15M	HIGH	NONE	77	184	32	5.888	
237	OZ7HB	20M	HIGH	NONE	119	254	23	5.842	DL1OJ
238	9A1CFR	ALL	HIGH	NONE	149	149	39	5.811	9A2NO
239	LA/US1PM	20M	HIGH	NONE	82	176	33	5.808	
240	K4BAI	ALL	HIGH	NONE	93	109	53	5.777	
241	PA5N	ALL	HIGH	NONE	99	99	58	5.742	
242	SP2KAC	LOW	HIGH	NONE	106	106	54	5.724	
243	SP4G	ALL	HIGH	NONE	92	92	60	5.520	
244	LY2MC	LOW	HIGH	NONE	105	105	52	5.460	
245	LX1NO	ALL	HIGH	TB-WIRES	106	106	51	5.406	
246	ON5WL	LOW	HIGH	NONE	93	93	57	5.301	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
247	JH2FXK	ALL	HIGH	NONE	84	100	53	5.300	
248	KM5G	ALL	HIGH	NONE	68	112	47	5.264	
249	YL1YF	LOW	HIGH	NONE	99	99	52	5.148	YL3GAZ
250	YO3LW	ALL	HIGH	NONE	100	100	51	5.100	
251	JN1THL	ALL	HIGH	NONE	91	91	55	5.005	
252	PE1PIX	ALL	HIGH	NONE	100	100	49	4.900	
253	OH4X	15M	HIGH	NONE	84	175	28	4.900	
254	JF2UPM	ALL	HIGH	NONE	76	96	50	4.800	
255	OH9COG	20M	HIGH	NONE	69	159	30	4.770	OH1ZAA
256	PE1RDP	ALL	HIGH	NONE	93	93	50	4.650	
257	UR7R	ALL	HIGH	NONE	119	119	39	4.641	UX1RX
258	YO6ZS	ALL	HIGH	NONE	93	93	49	4.557	
259	UT3UV	ALL	HIGH	NONE	98	98	46	4.508	
260	F5PHY	ALL	HIGH	NONE	92	92	48	4.416	
261	DM7CW	LOW	HIGH	NONE	88	88	48	4.224	
262	W2CS	ALL	HIGH	WIRE-ONLY	70	104	40	4.160	
263	UW7EF	LOW	HIGH	NONE	85	85	48	4.080	
264	S56C	LOW	HIGH	NONE	83	83	49	4.067	
265	IV3ZXF	ALL	HIGH	NONE	72	72	51	3.672	
266	HA2KMR	ALL	HIGH	NONE	102	102	36	3.672	
267	UR8RF	ALL	HIGH	NONE	99	99	37	3.663	
268	N2JJ	ALL	HIGH	WIRE-ONLY	46	122	29	3.538	
269	IK1YDB	ALL	HIGH	NONE	77	77	44	3.388	
270	OZ/DL3KWF	80M	HIGH	NONE	87	175	19	3.325	
271	NT6X	ALL	HIGH	TB-WIRES	69	73	45	3.285	
272	PY4HO	ALL	HIGH	NONE	67	67	49	3.283	
273	VK2OXZ	ALL	HIGH	WIRE-ONLY	54	76	42	3.192	
274	Z61DX	ALL	HIGH	NONE	71	71	44	3.124	
275	WA3AAN	ALL	HIGH	NONE	65	81	38	3.078	
276	SP9WZJ	ALL	HIGH	NONE	70	70	41	2.870	
277	YB2IQ	ALL	HIGH	NONE	48	74	38	2.812	
278	IU0PVM	ALL	HIGH	ROOKIE	60	60	45	2.700	
279	OK1VK	ALL	HIGH	NONE	65	65	41	2.665	
280	SP5UFK	LOW	HIGH	NONE	65	65	41	2.665	
281	OK2EQ	ALL	HIGH	NONE	64	64	41	2.624	
282	PG7R	ALL	HIGH	NONE	66	66	39	2.574	
283	SM2A	10M	HIGH	NONE	46	122	21	2.562	
284	VE3NR	ALL	HIGH	NONE	48	64	39	2.496	
285	PA3EYC	ALL	HIGH	NONE	75	75	33	2.475	
286	LY2BKT	LOW	HIGH	NONE	58	58	42	2.436	
287	KC4TEO	ALL	HIGH	NONE	54	62	39	2.418	
288	VJ5W	ALL	HIGH	NONE	49	63	38	2.394	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
289	OH7DIV	40M	HIGH	NONE	55	113	21	2.373	OH1ZAA
290	F4HPX	ALL	HIGH	NONE	56	56	41	2.296	
291	JF1KML	ALL	HIGH	WIRE-ONLY	68	68	33	2.244	
292	PA3GDD	ALL	HIGH	NONE	58	58	37	2.146	
293	7K4VPV	ALL	HIGH	NONE	67	67	32	2.144	
294	JS2KWL	ALL	HIGH	NONE	55	57	37	2.109	
295	ON4ZD	ALL	HIGH	NONE	54	54	39	2.106	
296	DL2TM	LOW	HIGH	NONE	55	55	37	2.035	
297	JA6BZI	ALL	HIGH	NONE	56	56	36	2.016	
298	DF4XG	ALL	HIGH	TB-WIRES	54	54	37	1.998	
299	AC6ZM	ALL	HIGH	NONE	32	74	27	1.998	
300	N1NN	ALL	HIGH	NONE	53	55	35	1.925	
301	K2NV	ALL	HIGH	NONE	33	69	27	1.863	
302	EI5KF	ALL	HIGH	NONE	46	46	39	1.794	
303	KC7V	ALL	HIGH	NONE	40	56	32	1.792	
304	OL5W	ALL	HIGH	NONE	65	65	27	1.755	
305	VE9DXC	ALL	HIGH	NONE	29	65	26	1.690	
306	CT7AUP	ALL	HIGH	NONE	45	45	36	1.620	
307	OH3BCX	15M	HIGH	NONE	38	99	16	1.584	OH1ZAA
308	E29TGW	ALL	HIGH	NONE	51	51	30	1.530	
309	DL1NEO	ALL	HIGH	NONE	41	41	37	1.517	
310	W4NZ	ALL	HIGH	NONE	35	55	27	1.485	
311	JH8GEU	ALL	HIGH	NONE	50	50	29	1.450	
312	L33M	ALL	HIGH	NONE	42	42	34	1.428	
313	JA0FVU	ALL	HIGH	NONE	48	48	28	1.344	
314	YL3JD	LOW	HIGH	NONE	41	41	32	1.312	
315	N2RC	ALL	HIGH	NONE	37	37	35	1.295	
316	YU1RA	LOW	HIGH	NONE	43	43	30	1.290	
317	DL3KUD	LOW	HIGH	NONE	44	44	29	1.276	
318	W6UB	ALL	HIGH	NONE	42	42	29	1.218	
319	CE2DX	ALL	HIGH	NONE	45	45	25	1.125	
320	SQ6LJV	ALL	HIGH	NONE	51	51	22	1.122	
321	W2XYZ	ALL	HIGH	NONE	38	38	29	1.102	
322	SM7ATL	40M	HIGH	NONE	50	100	11	1.100	
323	KY4GS	ALL	HIGH	WIRE-ONLY	28	42	25	1.050	
324	JA2HYD	ALL	HIGH	NONE	42	42	25	1.050	
325	YO5CUQ	LOW	HIGH	NONE	37	37	27	999	
326	VE7WO	ALL	HIGH	NONE	38	38	26	988	
327	JI1PBK	ALL	HIGH	NONE	41	41	24	984	
328	JE6WOQ	ALL	HIGH	NONE	35	35	27	945	
329	JG6OZC	ALL	HIGH	NONE	36	36	26	936	
330	SA3MGL	ALL	HIGH	ROOKIE	23	49	19	931	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
331	SQ9TX	ALL	HIGH	CLASSIC	36	36	25	900	
332	JA3XOG	ALL	HIGH	NONE	38	38	23	874	
333	SM2C	ALL	HIGH	NONE	22	54	16	864	
334	SP3FSM	ALL	HIGH	NONE	37	37	23	851	
335	JF2FIU	ALL	HIGH	NONE	37	37	23	851	
336	WA5LFD	ALL	HIGH	NONE	27	37	22	814	
337	DH1TST	ALL	HIGH	NONE	32	32	25	800	
338	SE6U	ALL	HIGH	NONE	19	47	17	799	SM6KNL
339	F1VEV	ALL	HIGH	NONE	33	33	23	759	
340	F6FET	ALL	HIGH	NONE	30	30	25	750	
341	K5UV	ALL	HIGH	NONE	34	34	22	748	
342	IK3ORD	ALL	HIGH	NONE	28	28	25	700	
343	OH5MQ	15M	HIGH	NONE	26	57	12	684	
344	JR0RBY	ALL	HIGH	NONE	28	28	24	672	
345	SP7IWA	LOW	HIGH	NONE	31	31	21	651	
346	M0NJW	ALL	HIGH	NONE	32	32	20	640	
347	JH1JNJ	ALL	HIGH	NONE	32	32	20	640	
348	SO5CW	ALL	HIGH	NONE	30	30	21	630	DJ5CW
349	SP1JQJ	ALL	HIGH	NONE	31	31	19	589	
350	VE3KG	ALL	HIGH	NONE	18	32	18	576	
351	DL5YM	ALL	HIGH	NONE	29	29	18	522	
352	WB5SKM	ALL	HIGH	NONE	26	26	18	468	
353	JS1NDM	ALL	HIGH	NONE	20	26	18	468	
354	OH5ZA	10M	HIGH	NONE	18	50	9	450	OH1ZAA
355	PY2EBD	ALL	HIGH	NONE	26	26	17	442	
356	HB9JOE	ALL	HIGH	NONE	22	22	17	374	
357	UT4WA	LOW	HIGH	NONE	23	23	15	345	
358	JF3LOP	ALL	HIGH	NONE	24	24	13	312	
359	W3ICM	ALL	HIGH	NONE	19	19	16	304	
360	VK3GK	ALL	HIGH	NONE	19	19	16	304	
361	JG1LHB	ALL	HIGH	NONE	17	17	13	221	
362	EA7A	ALL	HIGH	NONE	15	15	14	210	
363	OH3MHA	80M	HIGH	NONE	13	26	8	208	OH1ZAA
364	N0KQ	ALL	HIGH	NONE	14	14	13	182	
365	JA2AXB	ALL	HIGH	NONE	16	16	11	176	
366	JE5JHZ	ALL	HIGH	NONE	15	15	11	165	
367	VK6DW	ALL	HIGH	NONE	11	11	11	121	
368	OZ8AGB	10M	HIGH	NONE	8	20	6	120	
369	SV1ABB	ALL	HIGH	NONE	11	11	9	99	
370	W0XM	ALL	HIGH	NONE	10	10	9	90	
371	OH7WV	10M	HIGH	NONE	6	16	5	80	
372	IK5TBK	LOW	HIGH	NONE	9	9	8	72	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
373	K3TN	ALL	HIGH	NONE	8	8	8	64	
374	JJ0SFV	ALL	HIGH	NONE	7	7	6	42	
375	JL1JJD	ALL	HIGH	NONE	6	6	5	30	
376	DL4SO	ALL	HIGH	NONE	5	5	5	25	
377	EA8/IK1PMR	ALL	HIGH	NONE	4	4	4	16	
378	JG1LFR	LOW	HIGH	NONE	2	6	2	12	
379	5B4AMX	ALL	HIGH	NONE	4	4	3	12	
380	HA5JI	ALL	HIGH	NONE	3	3	3	9	
381	OH3RM	20M	HIGH	NONE	1	2	1	2	
382	WB8WUA	ALL	HIGH	WIRE-ONLY	1	1	1	1	
383	YF3AQV	ALL	HIGH	NONE	1	1	1	1	
384	SP5ES	ALL	HIGH	NONE	1	1	1	1	

SAC CW 2024 SINGLE-OP LOW

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH2PM	ALL	LOW	NONE	1241	2.868	202	579.336	
2	LA2AB	ALL	LOW	CLASSIC	1447	3.270	175	572.250	LA7MFA
3	OH1RX	ALL	LOW	NONE	1253	2.826	184	519.984	
4	SM5IMO	ALL	LOW	NONE	1276	2.787	169	471.003	
5	OH2CV	ALL	LOW	CLASSIC	1155	2.585	170	439.450	
6	SM5CSS	ALL	LOW	CLASSIC	1218	2.693	160	430.880	
7	SF5O	ALL	LOW	WIRE-ONLY	1088	2.380	172	409.360	SM0EOS
8	XP2I	ALL	LOW	TB-WIRES	1142	2.606	152	396.112	OZ2I
9	SM6F	ALL	LOW	TB-WIRES	983	2.263	173	391.499	SM6CUK
10	SK4EA	ALL	LOW	TB-WIRES	1037	2.305	151	348.055	SM4EPR
11	OV3X	ALL	LOW	NONE	944	2.137	156	333.372	OZ8AE
12	SE5T	ALL	LOW	NONE	943	2.138	145	310.010	SM5GRD
13	SF6W	ALL	LOW	WIRE-ONLY	951	2.019	134	270.546	SM6EWB
14	SE4E	ALL	LOW	WIRE-ONLY	870	1.886	141	265.926	SM4DQE
15	OH2YL	ALL	LOW	TB-WIRES	890	1.913	139	265.907	
16	OZ1AAR	ALL	LOW	NONE	830	1.873	141	264.093	
17	LB4UH	ALL	LOW	NONE	916	1.968	132	259.776	SP2ASJ
18	SC6O	ALL	LOW	NONE	786	1.704	135	230.040	SM6OEF
19	SM6TOL	ALL	LOW	NONE	759	1.671	134	223.914	
20	SM3GSK	ALL	LOW	NONE	744	1.682	130	218.660	
21	OG9E	ALL	LOW	WIRE-ONLY	837	1.761	123	216.603	OH9HDH
22	OZ/DF4ZL	ALL	LOW	WIRE-ONLY	781	1.674	121	202.554	
23	OH1KBX/6	ALL	LOW	WIRE-ONLY	782	1.689	112	189.168	OH1LA
24	SD1A	ALL	LOW	WIRE-ONLY	745	1.623	115	186.645	SM1TDE
25	OH2BA	ALL	LOW	CLASSIC	673	1.429	128	182.912	JK3GAD

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
26	SM5ACQ	ALL	LOW	NONE	700	1.488	122	181.536	
27	OH3MZ	ALL	LOW	NONE	675	1.441	124	178.684	
28	OZ7BQ	ALL	LOW	NONE	665	1.430	121	173.030	
29	SD6M	ALL	LOW	NONE	722	1.527	105	160.335	SA6BGR
30	OH1VR	ALL	LOW	CLASSIC	560	1.217	125	152.125	
31	SG0M	ALL	LOW	CLASSIC	595	1.316	115	151.340	SA0AQT
32	SM6EAT	ALL	LOW	TB-WIRES	548	1.242	101	125.442	
33	OZ1IVA	ALL	LOW	WIRE-ONLY	485	1.029	110	113.190	
34	OZ6SYL	ALL	LOW	WIRE-ONLY	602	1.234	90	111.060	DL3KWR
35	SM3EAE	ALL	LOW	NONE	584	1.242	87	108.054	
36	OH3KAV	ALL	LOW	NONE	493	1.067	100	106.700	
37	LA/G3SWC	ALL	LOW	WIRE-ONLY	537	1.143	92	105.156	
38	LC2F	ALL	LOW	TB-WIRES	492	1.038	99	102.762	LA2HFA
39	SM6Q	ALL	LOW	NONE	475	997	101	100.697	
40	LB1UK	ALL	LOW	WIRE-ONLY	533	1.146	84	96.264	
41	OZ2TF	ALL	LOW	NONE	408	924	104	96.096	
42	SF7X	ALL	LOW	NONE	467	1.018	93	94.674	SM7HVQ
43	SM0Q	ALL	LOW	NONE	583	1.189	79	93.931	
44	SM9F	ALL	LOW	NONE	481	1.041	87	90.567	SA6FAX
45	SD3A	ALL	LOW	WIRE-ONLY	465	989	88	87.032	SM3FJF
46	OZ3TQ	ALL	LOW	WIRE-ONLY	482	997	87	86.739	
47	LB1TI	ALL	LOW	NONE	493	1.081	80	86.480	
48	OM7LW	ALL	LOW	NONE	503	503	164	82.492	
49	SM5MX	ALL	LOW	WIRE-ONLY	443	925	88	81.400	
50	SK5AA	ALL	LOW	WIRE-ONLY	432	925	88	81.400	SM5KRI
51	SM5DXR	ALL	LOW	NONE	407	863	94	81.122	
52	OZ4CG	ALL	LOW	NONE	440	936	81	75.816	
53	LZ1QV	ALL	LOW	WIRE-ONLY	466	466	158	73.628	
54	UP7L	ALL	LOW	NONE	396	550	130	71.500	UN6LN
55	OZ1THC	ALL	LOW	NONE	365	816	86	70.176	
56	EA2AZ	ALL	LOW	NONE	431	431	161	69.391	
57	OG9R	ALL	LOW	TB-WIRES	355	756	87	65.772	
58	LA8HGA	ALL	LOW	NONE	345	792	77	60.984	
59	OH8CW	ALL	LOW	WIRE-ONLY	342	728	81	58.968	
60	LB2WD	ALL	LOW	NONE	318	691	82	56.662	
61	HA6QU	ALL	LOW	TB-WIRES	398	398	141	56.118	
62	K7SV	ALL	LOW	NONE	329	429	129	55.341	
63	VE3DZ	ALL	LOW	NONE	363	417	129	53.793	
64	SP9YGD	ALL	LOW	WIRE-ONLY	399	399	133	53.067	SP9GFI
65	OH3LB	ALL	LOW	NONE	372	798	66	52.668	
66	I4IKW	ALL	LOW	TB-WIRES	357	357	145	51.765	
67	SN5J	ALL	LOW	NONE	385	385	132	50.820	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
68	UN8PT	ALL	LOW	TB-WIRES	353	391	125	48.875	
69	UZ1WW	ALL	LOW	WIRE-ONLY	336	336	140	47.040	
70	IT9IVU	ALL	LOW	TB-WIRES	326	326	142	46.292	
71	YQ8E	ALL	LOW	NONE	337	337	136	45.832	
72	DL5JQ	ALL	LOW	NONE	308	308	144	44.352	
73	UR7MZ	ALL	LOW	NONE	318	318	136	43.248	
74	HB9ARF	ALL	LOW	NONE	346	346	124	42.904	
75	HA3GO	ALL	LOW	NONE	343	343	123	42.189	
76	E72U	ALL	LOW	NONE	326	326	124	40.424	
77	9A3YT	ALL	LOW	NONE	311	311	128	39.808	
78	BY1RX	ALL	LOW	NONE	281	349	114	39.786	BD1IIJ
79	SM7CIL	ALL	LOW	TB-WIRES	300	672	59	39.648	
80	LZ3QE	ALL	LOW	NONE	315	315	125	39.375	
81	IK8UND	ALL	LOW	NONE	317	317	124	39.308	
82	OK4RQ	ALL	LOW	NONE	329	329	118	38.822	
83	LY5O	ALL	LOW	TB-WIRES	268	268	143	38.324	
84	W1WBB	ALL	LOW	TB-WIRES	222	344	111	38.184	
85	OK7T	ALL	LOW	TB-WIRES	323	323	118	38.114	OK1FHI
86	DL4WA	ALL	LOW	TB-WIRES	285	285	131	37.335	
87	DJ1OJ	ALL	LOW	TB-WIRES	302	302	123	37.146	
88	TF3EO	ALL	LOW	NONE	274	624	59	36.816	
89	LZ2PS	ALL	LOW	NONE	331	331	110	36.410	
90	9H1PI	ALL	LOW	TB-WIRES	281	281	128	35.968	
91	OZ8PG	ALL	LOW	NONE	251	583	61	35.563	
92	HG8W	ALL	LOW	NONE	270	270	128	34.560	HA8ZO
93	OK2MBP	ALL	LOW	NONE	313	313	110	34.430	
94	SN7J	ALL	LOW	TB-WIRES	291	291	117	34.047	SP7JYM
95	YU1YV	ALL	LOW	NONE	296	296	112	33.152	
96	F6HJO	ALL	LOW	NONE	293	293	112	32.816	
97	9H1CG	ALL	LOW	CLASSIC	263	263	121	31.823	
98	ZA1RR	ALL	LOW	NONE	253	253	125	31.625	
99	UW8SM	ALL	LOW	NONE	275	275	112	30.800	
100	DL8HK	ALL	LOW	TB-WIRES	279	279	110	30.690	
101	VE3VN	ALL	LOW	NONE	189	289	106	30.634	
102	HB9CIC	ALL	LOW	NONE	281	281	108	30.348	
103	UR7EC	ALL	LOW	NONE	234	234	123	28.782	
104	OH7MFO	ALL	LOW	NONE	193	420	66	27.720	OH7KC
105	S52W	ALL	LOW	NONE	249	249	110	27.390	
106	SM3OMO	ALL	LOW	NONE	206	476	57	27.132	
107	PC4E	ALL	LOW	WIRE-ONLY	238	238	114	27.132	
108	SP2EWQ	ALL	LOW	NONE	244	244	111	27.084	
109	YO3APJ	ALL	LOW	NONE	226	226	117	26.442	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
110	IK2ULV	ALL	LOW	NONE	247	247	107	26.429	
111	IK4AUY	ALL	LOW	NONE	243	243	107	26.001	
112	OK1MDK	ALL	LOW	NONE	230	230	111	25.530	
113	HA7MF	ALL	LOW	NONE	225	225	113	25.425	
114	YL3NU	ALL	LOW	ROOKIE	238	238	105	24.990	
115	UX1AA	ALL	LOW	NONE	261	261	95	24.795	
116	LY6C	ALL	LOW	TB-WIRES	243	243	101	24.543	
117	G4DBW	ALL	LOW	NONE	224	224	109	24.416	
118	DL7USW/P	ALL	LOW	NONE	224	224	107	23.968	
119	SP9W	ALL	LOW	NONE	227	227	104	23.608	
120	VA3TNM	ALL	LOW	NONE	196	240	95	22.800	
121	LZ1DQ	ALL	LOW	NONE	232	232	98	22.736	
122	HA3GC	ALL	LOW	ROOKIE	216	216	105	22.680	
123	W9RE	ALL	LOW	NONE	168	240	93	22.320	
124	S57X	ALL	LOW	WIRE-ONLY	215	215	103	22.145	
125	OH8DR	ALL	LOW	TB-WIRES	197	409	54	22.086	
126	DL4ME	ALL	LOW	NONE	218	218	101	22.018	
127	DL8WN	ALL	LOW	NONE	207	207	105	21.735	
128	EI8GP	ALL	LOW	NONE	225	225	96	21.600	
129	IK4RVY	ALL	LOW	NONE	222	222	95	21.090	
130	YO2IS	ALL	LOW	CLASSIC	210	210	100	21.000	
131	OE1CIW	ALL	LOW	NONE	211	211	99	20.889	
132	PC0A	ALL	LOW	NONE	206	206	100	20.600	
133	IV3EAD	ALL	LOW	NONE	199	199	103	20.497	
134	DL2LRT	ALL	LOW	TB-WIRES	193	193	105	20.265	
135	S50R	ALL	LOW	NONE	198	198	101	19.998	
136	S58MU	ALL	LOW	NONE	222	222	90	19.980	
137	SP9DLY	ALL	LOW	NONE	212	212	94	19.928	
138	9A9O	ALL	LOW	NONE	207	207	96	19.872	
139	4K6FO	ALL	LOW	NONE	199	207	96	19.872	
140	YO4GO	ALL	LOW	NONE	199	199	99	19.701	
141	EA5ITT	ALL	LOW	NONE	193	193	102	19.686	
142	OK1HEH	ALL	LOW	NONE	207	207	94	19.458	
143	DL2NBY	ALL	LOW	NONE	228	228	85	19.380	
144	I6FDJ	ALL	LOW	NONE	189	189	101	19.089	
145	OM7AG	ALL	LOW	NONE	194	194	98	19.012	
146	DL6AG	ALL	LOW	NONE	199	199	95	18.905	
147	ON6LO	ALL	LOW	NONE	198	198	94	18.612	
148	SP2GMA	ALL	LOW	NONE	196	196	93	18.228	
149	SP2DKI	ALL	LOW	NONE	197	197	92	18.124	
150	EI8JX	ALL	LOW	NONE	201	201	90	18.090	
151	ER/UT1ZZ	ALL	LOW	NONE	182	182	98	17.836	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
152	SN4K	ALL	LOW	NONE	180	180	99	17.820	
153	OL90ABU	ALL	LOW	NONE	183	183	91	16.653	
154	DK2FG	ALL	LOW	NONE	190	190	87	16.530	
155	HA6NL	ALL	LOW	NONE	179	179	92	16.468	
156	HA3OU	ALL	LOW	TB-WIRES	170	170	96	16.320	
157	IT9ORA	ALL	LOW	WIRE-ONLY	173	173	89	15.397	
158	YO8COR	ALL	LOW	CLASSIC	186	186	82	15.252	
159	YT7BA	ALL	LOW	NONE	170	170	87	14.790	
160	2E0CVN	ALL	LOW	NONE	191	191	76	14.516	
161	EA4BAS	ALL	LOW	TB-WIRES	156	156	90	14.040	
162	EA7Q	ALL	LOW	NONE	167	167	84	14.028	
163	HA9TA	ALL	LOW	NONE	176	176	79	13.904	
164	OM3CDN	ALL	LOW	NONE	159	159	85	13.515	
165	JE4MHL	ALL	LOW	TB-WIRES	153	169	78	13.182	
166	OE5CYL	ALL	LOW	NONE	160	160	80	12.800	
167	OM5CM	ALL	LOW	NONE	173	173	73	12.629	
168	GI4NKB	ALL	LOW	WIRE-ONLY	175	175	72	12.600	
169	EA7BEZ	ALL	LOW	NONE	141	141	89	12.549	
170	YL2EA	ALL	LOW	NONE	158	158	79	12.482	
171	HA8EN	ALL	LOW	NONE	183	183	67	12.261	
172	OU7M/P	ALL	LOW	NONE	124	258	47	12.126	
173	IK0NOJ	ALL	LOW	NONE	152	152	79	12.008	
174	UT4LW	ALL	LOW	NONE	145	145	82	11.890	
175	S5/M0MPM	ALL	LOW	NONE	149	149	79	11.771	
176	DJ4WT	ALL	LOW	NONE	147	147	79	11.613	
177	HB9CZF	ALL	LOW	NONE	161	161	72	11.592	
178	JA6WFM	ALL	LOW	NONE	148	160	72	11.520	
179	UY5QJ	ALL	LOW	NONE	161	161	71	11.431	
180	YO4SI	ALL	LOW	NONE	134	134	85	11.390	
181	ES3TI	ALL	LOW	NONE	122	122	93	11.346	
182	UT3EV	ALL	LOW	NONE	143	143	79	11.297	
183	VE3TM	ALL	LOW	NONE	137	163	69	11.247	
184	IV3UHL	ALL	LOW	NONE	167	167	67	11.189	
185	DL3DRN	ALL	LOW	NONE	147	147	76	11.172	
186	YO5ODT	ALL	LOW	NONE	147	147	76	11.172	
187	OK1FMJ	ALL	LOW	NONE	149	149	74	11.026	
188	HA6QS	ALL	LOW	CLASSIC	141	141	78	10.998	
189	S53V	ALL	LOW	NONE	133	133	81	10.773	
190	EA7/DM3XRF	ALL	LOW	NONE	128	128	84	10.752	
191	PD8MD	ALL	LOW	NONE	179	179	60	10.740	
192	OK1FCA	ALL	LOW	NONE	165	165	65	10.725	
193	HA1VQ	ALL	LOW	NONE	157	157	68	10.676	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
194	PC5Q	ALL	LOW	NONE	150	150	71	10.650	
195	EA3NO	ALL	LOW	TB-WIRES	134	134	79	10.586	
196	EA6/GM3ZDH	ALL	LOW	NONE	137	137	77	10.549	
197	UT1WW	ALL	LOW	NONE	154	154	68	10.472	
198	DC6K	ALL	LOW	NONE	126	126	82	10.332	DF5BM
199	UR5XMM	ALL	LOW	NONE	156	156	66	10.296	
200	OK2GU	ALL	LOW	TB-WIRES	143	143	72	10.296	
201	DS1TUW	ALL	LOW	ROOKIE	141	147	70	10.290	
202	IW2FUT	ALL	LOW	NONE	137	137	75	10.275	
203	UN7CN	ALL	LOW	NONE	127	141	72	10.152	
204	OH2MGA	ALL	LOW	CLASSIC	114	252	40	10.080	
205	UX1CL	ALL	LOW	NONE	129	129	78	10.062	
206	DK3YD	ALL	LOW	CLASSIC	145	145	69	10.005	
207	DJ2IA	ALL	LOW	NONE	137	137	73	10.001	
208	SE5A	ALL	LOW	NONE	111	228	43	9.804	
209	Z35W	ALL	LOW	NONE	138	138	71	9.798	
210	K1TR	ALL	LOW	TB-WIRES	108	138	70	9.660	
211	UR7VA	ALL	LOW	NONE	139	139	69	9.591	
212	GW4W	ALL	LOW	NONE	128	128	73	9.344	GW4EVX
213	OT6E	ALL	LOW	NONE	148	148	63	9.324	
214	UT7EZ	ALL	LOW	NONE	130	130	70	9.100	
215	UW3WF	ALL	LOW	NONE	118	118	77	9.086	
216	VE3EJ	ALL	LOW	NONE	122	122	73	8.906	
217	W1EQ	ALL	LOW	TB-WIRES	109	127	70	8.890	
218	PY5AMF	ALL	LOW	NONE	121	147	60	8.820	
219	YB9ELS	ALL	LOW	NONE	118	124	71	8.804	
220	LZ2GS	ALL	LOW	NONE	117	117	75	8.775	
221	HA3NU	ALL	LOW	NONE	127	127	69	8.763	
222	PA2W	ALL	LOW	NONE	128	128	68	8.704	
223	YC2VOC	ALL	LOW	NONE	101	149	57	8.493	
224	OZ7AEI	ALL	LOW	NONE	95	202	41	8.282	
225	VE9AA	ALL	LOW	NONE	97	133	62	8.246	
226	LZ1VKD	ALL	LOW	NONE	123	123	67	8.241	
227	DK2ZO	ALL	LOW	NONE	108	108	75	8.100	
228	OT5Q	ALL	LOW	TB-WIRES	131	131	61	7.991	
229	F5JU	ALL	LOW	NONE	115	115	69	7.935	
230	US7UC	ALL	LOW	TB-WIRES	115	115	68	7.820	
231	YL2AG	ALL	LOW	NONE	132	132	59	7.788	
232	EI4II	ALL	LOW	NONE	114	114	68	7.752	
233	OK5SA	ALL	LOW	NONE	106	106	73	7.738	
234	DA2K	ALL	LOW	NONE	120	120	64	7.680	DL1MJF
235	I3JUK	ALL	LOW	NONE	105	105	71	7.455	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
236	DL9ABM	ALL	LOW	NONE	111	111	67	7.437	
237	F6GGA	ALL	LOW	NONE	107	107	69	7.383	
238	DL3IAS	ALL	LOW	NONE	121	121	61	7.381	
239	NU8A	ALL	LOW	WIRE-ONLY	99	125	59	7.375	
240	IK1RAG	ALL	LOW	NONE	117	117	62	7.254	
241	W2QL	ALL	LOW	NONE	82	126	57	7.182	
242	IK2CFD	ALL	LOW	TB-WIRES	103	103	69	7.107	
243	G3PLE	ALL	LOW	NONE	118	118	60	7.080	
244	OK2PF	ALL	LOW	TB-WIRES	119	119	59	7.021	
245	YL3GQ	ALL	LOW	CLASSIC	125	125	55	6.875	
246	DK6QW	ALL	LOW	NONE	104	104	66	6.864	
247	TA3DJ	ALL	LOW	CLASSIC	74	128	53	6.784	
248	E70Y	ALL	LOW	NONE	101	101	67	6.767	
249	SP9DUX	ALL	LOW	NONE	107	107	63	6.741	
250	UT8W	ALL	LOW	NONE	133	133	50	6.650	UW1WU
251	DL7YS	ALL	LOW	NONE	108	108	61	6.588	
252	CT1ELZ	ALL	LOW	NONE	102	102	64	6.528	
253	N4IJ	ALL	LOW	TB-WIRES	95	105	62	6.510	
254	PA3EWG	ALL	LOW	WIRE-ONLY	103	103	63	6.489	
255	F4HRM	ALL	LOW	NONE	122	122	53	6.466	
256	IK8VRP	ALL	LOW	WIRE-ONLY	99	99	65	6.435	
257	PY1AX	ALL	LOW	NONE	105	105	61	6.405	
258	SP4AAZ	ALL	LOW	NONE	98	98	65	6.370	
259	G4PVM	ALL	LOW	NONE	98	98	65	6.370	
260	DL3RDM	ALL	LOW	NONE	107	107	59	6.313	
261	OK1BR	ALL	LOW	CLASSIC	138	138	45	6.210	
262	I1WQR	ALL	LOW	NONE	105	105	59	6.195	
263	HB9IIH	ALL	LOW	CLASSIC	121	121	51	6.171	
264	PA0CT	ALL	LOW	NONE	101	101	60	6.060	
265	HB9RB	ALL	LOW	NONE	154	154	39	6.006	
266	HB9DOS	ALL	LOW	NONE	91	91	66	6.006	
267	PA3I	ALL	LOW	NONE	98	98	60	5.880	
268	HA6ON	ALL	LOW	NONE	113	113	52	5.876	
269	HB9BXQ	ALL	LOW	NONE	108	108	54	5.832	
270	YO2GL	ALL	LOW	NONE	104	104	56	5.824	
271	DF7C	ALL	LOW	NONE	95	95	60	5.700	DF7CB
272	NE8P	ALL	LOW	TB-WIRES	107	107	53	5.671	
273	PA3ARM	ALL	LOW	CLASSIC	98	98	57	5.586	
274	OM3TBG	ALL	LOW	NONE	90	90	62	5.580	
275	DJ1MM	ALL	LOW	WIRE-ONLY	111	111	50	5.550	
276	DL4YR	ALL	LOW	NONE	101	101	54	5.454	
277	PA2TA	ALL	LOW	NONE	102	102	53	5.406	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
278	DF1DX	ALL	LOW	NONE	109	109	49	5.341	
279	SM5KQS	ALL	LOW	WIRE-ONLY	57	142	37	5.254	
280	IU6AIG	ALL	LOW	NONE	89	89	59	5.251	
281	SP4AWE	ALL	LOW	NONE	97	97	54	5.238	
282	PG2V	ALL	LOW	WIRE-ONLY	124	124	42	5.208	
283	IK3TCK	ALL	LOW	NONE	96	96	54	5.184	
284	DJ5CW	ALL	LOW	NONE	97	97	53	5.141	
285	LA7RRA	ALL	LOW	NONE	74	160	32	5.120	
286	DL5CC	ALL	LOW	NONE	100	100	51	5.100	
287	OK1KTI	ALL	LOW	NONE	91	91	56	5.096	
288	DH0GDS	ALL	LOW	NONE	98	98	52	5.096	
289	EA5DO	ALL	LOW	NONE	94	94	54	5.076	
290	7L4MDM	ALL	LOW	NONE	101	101	50	5.050	
291	OK8KM	ALL	LOW	NONE	99	99	51	5.049	
292	HA8TP	ALL	LOW	WIRE-ONLY	99	99	51	5.049	
293	PA4O	ALL	LOW	NONE	95	95	53	5.035	
294	EA4HKF	ALL	LOW	NONE	85	85	59	5.015	
295	SN5WD	ALL	LOW	NONE	95	95	52	4.940	SO5WD
296	DM7W	ALL	LOW	NONE	98	98	50	4.900	DL8MAS
297	F5MLJ	ALL	LOW	NONE	97	97	50	4.850	
298	YO9BCM	ALL	LOW	NONE	93	93	51	4.743	
299	DL100ANA	ALL	LOW	NONE	79	79	58	4.582	DF4XF
300	HA5AX	ALL	LOW	ROOKIE	97	97	47	4.559	
301	SP4DEU	ALL	LOW	NONE	81	81	56	4.536	
302	E20XMG	ALL	LOW	NONE	92	92	49	4.508	
303	PA0RBA	ALL	LOW	NONE	85	85	53	4.505	
304	EB5A	ALL	LOW	NONE	75	75	60	4.500	
305	OK1DXX	ALL	LOW	NONE	91	91	49	4.459	
306	SE6K	ALL	LOW	NONE	54	127	35	4.445	SM6FZO
307	PA2VS	ALL	LOW	WIRE-ONLY	100	100	44	4.400	
308	YO6BLU	ALL	LOW	CLASSIC	88	88	50	4.400	
309	DL3HR	ALL	LOW	WIRE-ONLY	97	97	45	4.365	
310	YO6OEV	ALL	LOW	NONE	89	89	49	4.361	
311	OE1TKW	ALL	LOW	NONE	82	82	52	4.264	
312	G4MKR	ALL	LOW	TB-WIRES	85	85	50	4.250	
313	YO4DW	ALL	LOW	NONE	103	103	41	4.223	
314	K0EA	ALL	LOW	NONE	81	81	52	4.212	
315	G7D	ALL	LOW	NONE	77	77	54	4.158	G3XTZ
316	DH2URF	ALL	LOW	NONE	85	85	48	4.080	
317	IK6QRH	ALL	LOW	NONE	66	66	61	4.026	
318	DL2MM	ALL	LOW	NONE	85	85	47	3.995	
319	EA6NB	ALL	LOW	NONE	70	70	56	3.920	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
320	DL0CK	ALL	LOW	NONE	80	80	49	3.920	DL1EAL
321	JH7QXJ	ALL	LOW	CLASSIC	85	85	46	3.910	
322	OM7AT	ALL	LOW	NONE	79	79	49	3.871	
323	SP9KJU	ALL	LOW	TB-WIRES	81	81	47	3.807	SP9MDY
324	DM2RN	ALL	LOW	NONE	84	84	45	3.780	
325	LY2AT	ALL	LOW	WIRE-ONLY	69	69	54	3.726	
326	PC6R	ALL	LOW	NONE	71	71	52	3.692	
327	PA0JED	ALL	LOW	NONE	99	99	37	3.663	
328	OK1DKE	ALL	LOW	NONE	84	84	43	3.612	
329	HA1NA	ALL	LOW	NONE	92	92	39	3.588	
330	IK4XQT	ALL	LOW	NONE	74	74	48	3.552	
331	EA1BDX	ALL	LOW	NONE	70	70	50	3.500	
332	HA5DZZ	ALL	LOW	TB-WIRES	81	81	43	3.483	
333	JH2RMU	ALL	LOW	NONE	74	76	45	3.420	
334	VE1ANU	ALL	LOW	NONE	59	75	45	3.375	
335	JG1EIQ	ALL	LOW	TB-WIRES	75	75	45	3.375	
336	WH7T	ALL	LOW	NONE	62	80	42	3.360	WH7W
337	ON9TT	ALL	LOW	NONE	80	80	42	3.360	
338	IZ5BBS	ALL	LOW	NONE	73	73	46	3.358	
339	IK5OJB	ALL	LOW	NONE	78	78	43	3.354	
340	HA9RC	ALL	LOW	NONE	93	93	36	3.348	
341	DL7LX	ALL	LOW	WIRE-ONLY	66	66	49	3.234	
342	PC1PM	ALL	LOW	NONE	96	96	33	3.168	
343	UZ1P	ALL	LOW	NONE	70	70	44	3.080	
344	PY2XL	ALL	LOW	NONE	77	77	40	3.080	
345	PA0ZAV	ALL	LOW	WIRE-ONLY	75	75	41	3.075	
346	LZ1MC	ALL	LOW	NONE	68	68	45	3.060	
347	EA1G	ALL	LOW	NONE	68	68	45	3.060	
348	PA7KY	ALL	LOW	NONE	74	74	41	3.034	
349	G4BRK	ALL	LOW	NONE	72	72	42	3.024	
350	LA6M	ALL	LOW	NONE	46	99	30	2.970	LA6GX
351	DH0JAE	ALL	LOW	NONE	69	69	43	2.967	
352	ON4CT	ALL	LOW	TB-WIRES	63	63	47	2.961	
353	DG9RAB	ALL	LOW	NONE	79	79	37	2.923	
354	PA3HHM	ALL	LOW	NONE	69	69	42	2.898	
355	VA1RST	ALL	LOW	NONE	37	103	28	2.884	
356	OK2VX	ALL	LOW	CLASSIC	68	68	42	2.856	
357	DL1HSI	ALL	LOW	NONE	60	60	47	2.820	
358	UX2HB	ALL	LOW	NONE	64	64	44	2.816	
359	JK8PBO	ALL	LOW	TB-WIRES	63	63	44	2.772	
360	PA3DRL	ALL	LOW	WIRE-ONLY	72	72	38	2.736	
361	OK5NZ	ALL	LOW	NONE	100	100	27	2.700	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
362	PE4KH	ALL	LOW	NONE	73	73	35	2.555	
363	G3VQO	ALL	LOW	NONE	69	69	37	2.553	
364	PD0HF	ALL	LOW	NONE	69	69	36	2.484	
365	I/G4ERW	ALL	LOW	NONE	65	65	38	2.470	
366	I1NVU	ALL	LOW	NONE	57	57	43	2.451	
367	IK2AUK	ALL	LOW	WIRE-ONLY	58	58	42	2.436	
368	OH2BN	ALL	LOW	NONE	42	89	27	2.403	
369	E77EA	ALL	LOW	NONE	58	58	41	2.378	
370	ES1TAR	ALL	LOW	NONE	69	69	33	2.277	
371	AZ1A	ALL	LOW	NONE	58	58	39	2.262	LU1AW
372	UR4LIN	ALL	LOW	NONE	61	61	37	2.257	
373	HS8NKB	ALL	LOW	NONE	59	59	38	2.242	
374	IK8PGM	ALL	LOW	NONE	53	53	42	2.226	
375	SP2MHC	ALL	LOW	NONE	58	58	37	2.146	
376	JM8LND	ALL	LOW	CLASSIC	65	65	33	2.145	
377	IZ4OSH	ALL	LOW	NONE	66	66	32	2.112	
378	KB1VUN	ALL	LOW	NONE	55	57	37	2.109	
379	EA7OR	ALL	LOW	NONE	50	50	42	2.100	
380	JA4YPE	ALL	LOW	NONE	56	56	37	2.072	JM1QPR
381	PA5P	ALL	LOW	NONE	54	54	38	2.052	
382	SP6BEN	ALL	LOW	NONE	55	55	37	2.035	
383	F5ROX	ALL	LOW	NONE	52	52	38	1.976	
384	ON4LY	ALL	LOW	NONE	65	65	30	1.950	
385	PY2UDB	ALL	LOW	NONE	57	57	34	1.938	
386	DL9GMC	ALL	LOW	NONE	62	62	31	1.922	
387	W0IZ	ALL	LOW	NONE	60	60	32	1.920	
388	HA2EOU	ALL	LOW	NONE	57	57	33	1.881	
389	OK2BRQ	ALL	LOW	NONE	67	67	28	1.876	
390	LA7TO	ALL	LOW	NONE	34	72	26	1.872	
391	SP2HHX	ALL	LOW	NONE	55	55	34	1.870	
392	JH2RIH	ALL	LOW	NONE	56	56	33	1.848	
393	EA3AKA	ALL	LOW	NONE	64	64	28	1.792	
394	KT0P	ALL	LOW	WIRE-ONLY	46	54	33	1.782	
395	EA5CP	ALL	LOW	NONE	49	49	36	1.764	
396	IU8MOA	ALL	LOW	NONE	55	55	32	1.760	
397	SM6R	ALL	LOW	NONE	39	82	21	1.722	SM6MIS
398	PY2XC	ALL	LOW	NONE	66	66	26	1.716	
399	S57WJ	ALL	LOW	NONE	49	49	35	1.715	
400	G3RTU	ALL	LOW	NONE	59	59	29	1.711	
401	DL8UKW	ALL	LOW	WIRE-ONLY	57	57	30	1.710	
402	PY4XX	ALL	LOW	NONE	35	63	27	1.701	
403	DL1FMG	ALL	LOW	NONE	60	60	28	1.680	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
404	PD7CJT	ALL	LOW	NONE	52	52	32	1.664	
405	LY2J	ALL	LOW	NONE	46	46	36	1.656	
406	PE4I	ALL	LOW	NONE	48	48	34	1.632	
407	YB1HR	ALL	LOW	NONE	52	52	31	1.612	
408	PC4Y	ALL	LOW	NONE	57	57	28	1.596	
409	PA3DBS	ALL	LOW	NONE	46	46	34	1.564	
410	JA0BJY	ALL	LOW	NONE	50	50	31	1.550	
411	W0UO	ALL	LOW	NONE	42	44	35	1.540	
412	N4NTO	ALL	LOW	NONE	44	48	31	1.488	
413	SQ9S	ALL	LOW	NONE	50	50	29	1.450	
414	F6API	ALL	LOW	NONE	45	45	32	1.440	
415	HS0ZNV	ALL	LOW	NONE	44	44	32	1.408	
416	LY4BF	ALL	LOW	NONE	58	58	24	1.392	LY2BBF
417	PC7E	ALL	LOW	NONE	54	54	25	1.350	
418	KH6AQ	ALL	LOW	NONE	46	46	29	1.334	
419	SM4LRA	ALL	LOW	NONE	30	63	21	1.323	
420	PT9DX	ALL	LOW	NONE	40	44	30	1.320	
421	K1SM	ALL	LOW	NONE	42	42	31	1.302	
422	BA4TB	ALL	LOW	NONE	48	48	27	1.296	
423	AC7JW	ALL	LOW	NONE	43	43	30	1.290	
424	PG2AA	ALL	LOW	NONE	53	53	24	1.272	
425	HA3MAR	ALL	LOW	ROOKIE	41	41	31	1.271	
426	F5TYY	ALL	LOW	NONE	45	45	28	1.260	
427	YT3H	ALL	LOW	NONE	42	42	30	1.260	
428	PA2DK	ALL	LOW	NONE	38	38	33	1.254	
429	OR4K	ALL	LOW	NONE	50	50	25	1.250	
430	DD6CW/M	ALL	LOW	NONE	52	52	24	1.248	
431	YU1ML	ALL	LOW	NONE	48	48	26	1.248	
432	UR8UO	ALL	LOW	NONE	48	48	25	1.200	
433	ZA1F	ALL	LOW	NONE	40	40	30	1.200	
434	JH2XQY	ALL	LOW	NONE	41	41	29	1.189	
435	OZ5UR	ALL	LOW	CLASSIC	23	55	21	1.155	
436	OK8SMS	ALL	LOW	NONE	48	48	24	1.152	
437	G0JOS	ALL	LOW	NONE	39	39	29	1.131	
438	KA4JAM	ALL	LOW	NONE	42	42	26	1.092	
439	HA5CQZ	ALL	LOW	TB-WIRES	42	42	26	1.092	
440	DL1YEG	ALL	LOW	WIRE-ONLY	39	39	28	1.092	
441	LT4A	ALL	LOW	NONE	37	37	28	1.036	
442	PY4ARS	ALL	LOW	NONE	34	38	27	1.026	
443	OM2ADM	ALL	LOW	ROOKIE	35	35	29	1.015	
444	JK1RWO	ALL	LOW	TB-WIRES	42	42	24	1.008	
445	DL6NDW	ALL	LOW	WIRE-ONLY	37	37	27	999	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
446	PE2V	ALL	LOW	CLASSIC	44	44	22	968	
447	VA3FN	ALL	LOW	NONE	42	42	23	966	
448	PY1VOY	ALL	LOW	NONE	46	46	21	966	
449	WB5N	ALL	LOW	NONE	35	37	25	925	
450	DJ3GE	ALL	LOW	NONE	40	40	23	920	
451	AI6O	ALL	LOW	NONE	36	36	25	900	
452	HA1AG	ALL	LOW	NONE	30	30	30	900	
453	SP5BN	ALL	LOW	NONE	32	32	27	864	
454	LA7SI	ALL	LOW	NONE	23	47	18	846	
455	IK2AIT	ALL	LOW	WIRE-ONLY	31	31	27	837	
456	IK2IKW	ALL	LOW	NONE	36	36	23	828	
457	SP3BBS	ALL	LOW	NONE	33	33	24	792	
458	ES1BH	ALL	LOW	NONE	29	29	27	783	
459	WO1N	ALL	LOW	NONE	23	39	20	780	
460	F5MGD	ALL	LOW	NONE	30	30	25	750	
461	OM1BC	ALL	LOW	NONE	31	31	24	744	
462	DL2FK	ALL	LOW	NONE	31	31	24	744	
463	JF1HAJ	ALL	LOW	NONE	37	37	20	740	
464	VE9KK	ALL	LOW	NONE	28	28	25	700	
465	ES2JJ	ALL	LOW	NONE	28	28	25	700	
466	YO4TL	ALL	LOW	NONE	30	30	23	690	
467	JA2GHP	ALL	LOW	NONE	34	34	20	680	
468	YU7OM	ALL	LOW	NONE	28	28	24	672	
469	LU9GBR	ALL	LOW	NONE	29	29	23	667	
470	JL1FAR	ALL	LOW	NONE	33	33	20	660	
471	JE8UHY	ALL	LOW	CLASSIC	32	32	20	640	
472	EI5DI	ALL	LOW	NONE	30	30	21	630	
473	VK2EZF	ALL	LOW	CLASSIC	29	29	21	609	
474	AC7AF	ALL	LOW	NONE	29	29	21	609	
475	JJ3TBB	ALL	LOW	WIRE-ONLY	32	32	19	608	
476	ZA1AK	ALL	LOW	NONE	32	32	19	608	
477	EA3EE	ALL	LOW	CLASSIC	27	27	22	594	
478	JA2KKK	ALL	LOW	NONE	29	31	19	589	
479	VK2IG	ALL	LOW	CLASSIC	26	26	22	572	
480	PA3HCC	ALL	LOW	NONE	26	26	22	572	
481	JI0WVQ	ALL	LOW	NONE	27	27	21	567	
482	JH3FTZ	ALL	LOW	NONE	27	27	21	567	
483	UR5TGK	ALL	LOW	NONE	27	27	20	540	
484	JO1WIZ	ALL	LOW	TB-WIRES	30	30	18	540	
485	NE5A	ALL	LOW	NONE	28	28	19	532	
486	PY2TEN	ALL	LOW	NONE	24	26	20	520	
487	DG0KS	ALL	LOW	NONE	30	30	17	510	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
488	OH1TS	ALL	LOW	NONE	18	39	13	507	
489	YO6DBL	ALL	LOW	NONE	25	25	20	500	
490	JG1GOY	ALL	LOW	NONE	26	26	19	494	
491	JO4MTH	ALL	LOW	NONE	29	29	17	493	
492	JF3KQA	ALL	LOW	NONE	25	25	19	475	
493	DL0GEO	ALL	LOW	TB-WIRES	31	31	15	465	DL2YAK
494	HA50HK	ALL	LOW	NONE	24	24	19	456	
495	IK0PXD	ALL	LOW	NONE	22	22	18	396	
496	PA2CHM	ALL	LOW	WIRE-ONLY	23	23	17	391	
497	YU5T	ALL	LOW	NONE	23	23	17	391	
498	PY2WMW	ALL	LOW	NONE	20	22	17	374	
499	DL0RDG	ALL	LOW	NONE	22	22	17	374	DL9GWA
500	K8GT	ALL	LOW	NONE	13	31	12	372	
501	S57KM	ALL	LOW	NONE	20	20	18	360	
502	EA4HIH	ALL	LOW	CLASSIC	20	20	18	360	
503	DH7AMF	ALL	LOW	WIRE-ONLY	20	20	17	340	
504	SP3WKW	ALL	LOW	NONE	18	18	18	324	
505	DU1WBX	ALL	LOW	NONE	19	19	17	323	
506	DL0PHG	ALL	LOW	NONE	20	20	16	320	DC2IP
507	LU2PWY	ALL	LOW	ROOKIE	21	21	15	315	
508	PE1HWO	ALL	LOW	NONE	22	22	14	308	
509	EA5XQ	ALL	LOW	NONE	19	19	16	304	
510	JK7UST	ALL	LOW	NONE	21	21	14	294	
511	ZS5XT	ALL	LOW	TB-WIRES	21	21	14	294	
512	DF1DT	ALL	LOW	NONE	18	18	16	288	
513	VU2TUM	ALL	LOW	CLASSIC	18	18	15	270	
514	4Z4YA	ALL	LOW	NONE	18	18	15	270	
515	PY7OJ	ALL	LOW	NONE	19	19	14	266	
516	4E1FKB	ALL	LOW	NONE	19	19	14	266	
517	DL2ZA	ALL	LOW	TB-WIRES	19	19	13	247	
518	SA6JOF	ALL	LOW	ROOKIE	10	27	9	243	
519	JH4NJQ	ALL	LOW	CLASSIC	20	20	12	240	
520	JA6CVR	ALL	LOW	WIRE-ONLY	17	17	13	221	
521	DJ1XT	ALL	LOW	NONE	15	15	14	210	
522	K8VA	ALL	LOW	TB-WIRES	16	16	13	208	
523	JH1VIX	ALL	LOW	TB-WIRES	16	16	12	192	
524	JH1MTR/4	ALL	LOW	TB-WIRES	16	16	12	192	
525	VE3INE	ALL	LOW	ROOKIE	15	15	12	180	
526	KF3G	ALL	LOW	NONE	13	15	12	180	
527	JH6RON	ALL	LOW	TB-WIRES	11	17	10	170	
528	JR7ASO	ALL	LOW	NONE	13	13	13	169	
529	N4CWZ	ALL	LOW	NONE	12	12	12	144	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
530	DM6EE	ALL	LOW	NONE	12	12	11	132	
531	LU3VED	ALL	LOW	NONE	13	13	10	130	
532	JH6QIL	ALL	LOW	NONE	13	13	10	130	
533	W3WHK	ALL	LOW	NONE	7	21	6	126	
534	DL4AOJ	ALL	LOW	NONE	11	11	11	121	
535	F3WT	ALL	LOW	NONE	12	12	10	120	
536	UT3WX	ALL	LOW	NONE	13	13	9	117	
537	SP2WGB	ALL	LOW	NONE	11	11	10	110	
538	IK4ALM	ALL	LOW	NONE	11	11	10	110	
539	DK8EY	ALL	LOW	NONE	11	11	10	110	
540	W1UJ	ALL	LOW	NONE	10	10	10	100	
541	HB9GKM	ALL	LOW	NONE	10	10	10	100	
542	F6IVT	ALL	LOW	NONE	11	11	9	99	
543	EA3DMN	ALL	LOW	WIRE-ONLY	11	11	9	99	
544	CX1CAN	ALL	LOW	NONE	11	11	9	99	
545	G4ETS	ALL	LOW	NONE	13	13	7	91	
546	K2QO	ALL	LOW	NONE	10	10	9	90	
547	DF6RI	ALL	LOW	NONE	10	10	9	90	
548	AA0O	ALL	LOW	NONE	10	10	9	90	
549	VE7BGP	ALL	LOW	NONE	9	9	9	81	
550	VA3EC	ALL	LOW	NONE	10	10	8	80	
551	JM1XBD	ALL	LOW	NONE	10	10	8	80	
552	JH1NLF	ALL	LOW	NONE	10	10	8	80	
553	JF6CYD	ALL	LOW	NONE	10	10	8	80	
554	JA1LKY	ALL	LOW	NONE	10	10	8	80	
555	E25KAE	ALL	LOW	TB-WIRES	10	10	8	80	
556	NG7IL	ALL	LOW	NONE	11	11	7	77	
557	DL4ROB	ALL	LOW	NONE	9	9	8	72	
558	JA6FFK	ALL	LOW	NONE	9	9	8	72	
559	PY3LX	ALL	LOW	TB-WIRES	8	8	8	64	
560	YU7KMN	ALL	LOW	NONE	8	8	8	64	
561	KT3T	ALL	LOW	NONE	7	9	7	63	
562	KB4CG	ALL	LOW	NONE	9	9	7	63	
563	NN6DX	ALL	LOW	NONE	8	8	7	56	W1PR
564	PI4X	ALL	LOW	NONE	8	8	6	48	PD8DX
565	YO4FZX	ALL	LOW	NONE	8	8	6	48	
566	JA9XAT	ALL	LOW	NONE	7	7	6	42	
567	CO8ZZ	ALL	LOW	NONE	4	10	4	40	
568	IN3OWY	ALL	LOW	NONE	6	6	6	36	
569	DL7VRG	ALL	LOW	NONE	6	6	6	36	
570	JM8RWJ	ALL	LOW	NONE	6	6	5	30	
571	JK1ESR	ALL	LOW	CLASSIC	3	9	3	27	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
572	PY5IQ	ALL	LOW	NONE	5	5	5	25	
573	JH8IYN	ALL	LOW	WIRE-ONLY	5	5	5	25	
574	DO7ES	ALL	LOW	NONE	5	5	5	25	
575	OM1AVV	ALL	LOW	NONE	6	6	4	24	
576	VR2YKP	ALL	LOW	NONE	4	4	4	16	
577	PU3VON	ALL	LOW	NONE	4	4	4	16	
578	JM8GJB	ALL	LOW	CLASSIC	4	4	4	16	
579	JI1IZS	ALL	LOW	NONE	4	4	4	16	
580	JF1TEU	ALL	LOW	NONE	4	4	4	16	
581	IZ0FVD	ALL	LOW	NONE	4	4	4	16	
582	JO1KTD	ALL	LOW	CLASSIC	4	4	3	12	
583	BD7JIR	ALL	LOW	NONE	4	4	3	12	
584	VK4DRK	ALL	LOW	NONE	3	3	3	9	
585	N1CEO	ALL	LOW	NONE	3	3	3	9	
586	N0STP	ALL	LOW	NONE	3	3	3	9	
587	DM6MA	ALL	LOW	NONE	3	3	3	9	
588	DL4HCF	ALL	LOW	NONE	3	3	3	9	
589	AT78I	ALL	LOW	NONE	3	3	3	9	
590	YU3MPN	ALL	LOW	NONE	3	3	3	9	
591	YE3FBV	ALL	LOW	NONE	2	2	2	4	
592	JG1WKM	ALL	LOW	NONE	2	2	2	4	
593	OZ7BG	ALL	LOW	NONE	1	2	1	2	
594	YE3FZR	ALL	LOW	NONE	1	1	1	1	
595	JR0BQD	ALL	LOW	NONE	1	1	1	1	
596	JE6PJP	ALL	LOW	NONE	1	1	1	1	
597	I2XGD	ALL	LOW	NONE	1	1	1	1	
598	DF8LY	ALL	LOW	NONE	1	1	1	1	
599	BU2EV	ALL	LOW	NONE	1	1	1	1	
600	PY1LOG	ALL	LOW	NONE	0	0	0	0	
601	K7KER	ALL	LOW	TB-WIRES	0	0	0	0	

SAC CW 2024 SINGLE-OP QRP

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SF0A	ALL	QRP	TB-WIRES	811	1.698	117	198.666	SM0LPO
2	SE0I	ALL	QRP	CLASSIC	679	1.404	109	153.036	SM0HPL
3	LN7TTT	ALL	QRP	NONE	637	1.328	101	134.128	LA5LJA
4	SD6F	ALL	QRP	TB-WIRES	464	984	101	99.384	SM6JWR
5	LC5P	ALL	QRP	NONE	513	1.086	89	96.654	
6	DL1EFW	ALL	QRP	NONE	318	318	115	36.570	
7	HG6C	ALL	QRP	NONE	294	294	122	35.868	HA6IAM

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
8	OK6OK	ALL	QRP	NONE	287	287	109	31.283	
9	OH3RF	ALL	QRP	NONE	170	383	68	26.044	
10	UY7LM	ALL	QRP	NONE	240	240	106	25.440	
11	W1FJ	ALL	QRP	NONE	182	256	93	23.808	
12	US1VM	ALL	QRP	NONE	197	197	103	20.291	
13	JA6GCE	ALL	QRP	NONE	195	215	83	17.845	
14	DK4SR	ALL	QRP	NONE	191	191	86	16.426	
15	PA0RDT	ALL	QRP	NONE	191	191	84	16.044	
16	G4OZG	ALL	QRP	NONE	177	177	80	14.160	
17	YU1LM	ALL	QRP	NONE	163	163	76	12.388	
18	HF5WIM	ALL	QRP	NONE	143	143	80	11.440	
19	OL4W	ALL	QRP	NONE	149	149	76	11.324	
20	US7UK	ALL	QRP	NONE	141	141	66	9.306	
21	YL3FW	ALL	QRP	NONE	149	149	61	9.089	
22	LZ2AF	ALL	QRP	NONE	131	131	69	9.039	
23	DM2DZM	ALL	QRP	NONE	142	142	61	8.662	
24	OK1KUW	ALL	QRP	WIRE-ONLY	122	122	67	8.174	
25	HA5BA	ALL	QRP	NONE	129	129	62	7.998	
26	PE2K	ALL	QRP	NONE	133	133	56	7.448	
27	IK5MEP	ALL	QRP	NONE	107	107	69	7.383	
28	YT2AAA	ALL	QRP	NONE	110	110	67	7.370	
29	DF7XR	ALL	QRP	NONE	126	126	57	7.182	
30	YO4AAC	ALL	QRP	NONE	119	119	55	6.545	
31	K3TW	ALL	QRP	NONE	74	114	54	6.156	
32	LC2W	ALL	QRP	WIRE-ONLY	97	198	29	5.742	LB6RH
33	UV3RT	ALL	QRP	NONE	102	102	54	5.508	
34	EA5WA	ALL	QRP	NONE	90	90	60	5.400	
35	PC2F	ALL	QRP	NONE	99	99	53	5.247	
36	OH8TX	ALL	QRP	NONE	69	145	36	5.220	
37	SO55K	ALL	QRP	NONE	84	84	61	5.124	SP5FKW
38	DK4CU	ALL	QRP	WIRE-ONLY	88	88	58	5.104	
39	OE3OPW	ALL	QRP	NONE	90	90	51	4.590	
40	SV2DSJ	ALL	QRP	NONE	65	65	48	3.120	
41	S51RW	ALL	QRP	NONE	68	68	45	3.060	
42	HG7J	ALL	QRP	NONE	61	61	46	2.806	
43	ON7ET	ALL	QRP	TB-WIRES	58	58	48	2.784	
44	PU5ALE	ALL	QRP	NONE	73	73	35	2.555	
45	WQ6X	ALL	QRP	NONE	51	59	37	2.183	
46	LY5G	ALL	QRP	NONE	54	54	39	2.106	
47	DM50LOW	ALL	QRP	NONE	48	48	40	1.920	DL8TG
48	JK1TCV	ALL	QRP	TB-WIRES	58	58	30	1.740	
49	LY2F	ALL	QRP	NONE	52	52	31	1.612	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
50	SM7RYR	ALL	QRP	NONE	39	79	17	1.343	
51	JH7UUJU	ALL	QRP	NONE	40	42	29	1.218	
52	SP2UKH	ALL	QRP	NONE	32	32	27	864	
53	DK7OG	ALL	QRP	NONE	33	33	25	825	
54	EA8AQM	ALL	QRP	NONE	30	30	24	720	
55	SP7QO	ALL	QRP	NONE	34	34	21	714	
56	F5IQJ	ALL	QRP	CLASSIC	28	28	23	644	
57	HB9HDV	ALL	QRP	NONE	30	30	21	630	
58	DK5SP	ALL	QRP	CLASSIC	28	28	20	560	
59	SP2HMY	ALL	QRP	CLASSIC	28	28	19	532	
60	EG5LOW	ALL	QRP	NONE	24	24	22	528	EA2SN
61	PD0JMH	ALL	QRP	NONE	25	25	18	450	
62	JH3DMQ	ALL	QRP	NONE	25	25	18	450	
63	N3GD	ALL	QRP	NONE	26	26	16	416	
64	DO6AN	ALL	QRP	NONE	23	23	17	391	
65	DC1YY	ALL	QRP	NONE	21	21	18	378	
66	SP3PDO	ALL	QRP	NONE	18	18	18	324	SP3TYJ
67	OH4MVH	ALL	QRP	TB-WIRES	11	29	10	290	
68	DH9NAD/P	ALL	QRP	CLASSIC	18	18	12	216	
69	W8DXU	ALL	QRP	WIRE-ONLY	15	15	11	165	
70	W7LG	ALL	QRP	NONE	12	12	11	132	
71	JH4CES	ALL	QRP	NONE	10	10	9	90	
72	W9WI	ALL	QRP	NONE	8	8	7	56	
73	JR1NKN	ALL	QRP	NONE	6	6	6	36	
74	DK5CM	ALL	QRP	NONE	6	6	6	36	
75	BI3VJL	ALL	QRP	NONE	5	5	5	25	
76	YD6ROA	ALL	QRP	NONE	3	3	3	9	
77	PA3MVE	ALL	QRP	ROOKIE	3	3	3	9	
78	W6IRA	ALL	QRP	CLASSIC	2	2	2	4	
79	SP9TS	ALL	QRP	NONE	2	2	2	4	
80	N4DLA	ALL	QRP	WIRE-ONLY	1	1	1	1	

SAC CW 2024 MULTI-ONE

#	CALL	BAND	POWER	QSO	POINTS	MULT	SCORE	OPERATORS
1	SJ2W	ALL	HIGH	2133	5.102	249	1.270.398	SM2JLA SM2LIY SM2YIZ SM2WMV
2	OH0Z	ALL	HIGH	1730	4.053	210	851.130	OH2N OH6EI OH7BX OH6DD OH2XX
3	SB3W	ALL	HIGH	1674	3.935	206	810.610	SM3RAB SM3VAC
4	OG9W	ALL	HIGH	1456	3.363	199	669.237	OH2BCI OH2KM
5	LC8G	ALL	HIGH	1410	3.280	203	665.840	LA5IIA DL2JRM

#	CALL	BAND	POWER	QSO	POINTS	MULT	SCORE	OPERATORS
6	SK0QO	ALL	HIGH	1142	2.538	167	423.846	SM5OUU SM0DSF SM0NUE SM0DCD
7	LN4BBC	ALL	HIGH	706	1.495	128	191.360	LA5FBA LA6ZFA
8	KC1XX	ALL	HIGH	436	658	160	105.280	
9	K5KG	ALL	HIGH	311	461	136	62.696	K5KG K4NMR AA4NP W4LT
10	9A7T	ALL	HIGH	384	384	152	58.368	9A2EU 9A5MR
11	OK1KKI	ALL	HIGH	339	339	144	48.816	OK7PY OK1TRJ
12	SX8AS	ALL	HIGH	208	208	101	21.008	SV8GGI SV8SXF
13	N1SOH	ALL	HIGH	114	168	78	13.104	W1FM N1SOH
14	UR4QWW	ALL	HIGH	47	47	24	1.128	UR3QNV UR6QV UT1QW UR3QAR

SAC CW 2024 MULTI-MULTI

#	CALL	BAND	POWER	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH7K	ALL	HIGH	2944	6.997	260	1.819.220	OH2KW OH2LQ OH2TA OH5BQ OH7CW OH7MA OH7WP
2	SK3W	ALL	HIGH	2391	5.721	243	1.390.203	SM3SGP SM0OEK
3	SC7DX	ALL	HIGH	2320	5.450	231	1.258.950	SM7IUN SM7HJZ SM0GNS SA7DXR SM7JNT@SM7GIB
4	OZ5W	ALL	HIGH	1663	3.820	194	741.080	OZ1ETA OZ2U OZ3SM OZ5BD SM5SIC K3TN
5	SM2U	ALL	HIGH	1469	3.467	181	627.527	SA0BYP SM0CXU SM0DRD SM0DZB @SM0DZB
6	LN2T	ALL	HIGH	1049	2.383	155	369.365	LA3WAA LB5SH LB6VI

SAC CW 2024 SINGLE-OP CLASSIC

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH0M	ALL	HIGH	CLASSIC	1909	4.464	227	1.013.328	OH6KZP
2	OH1NA	ALL	HIGH	CLASSIC	1408	3.128	181	566.168	OH1NOA
3	OH3FM	ALL	HIGH	CLASSIC	1330	2.954	160	472.640	
4	SM6EAN	ALL	HIGH	CLASSIC	1056	2.362	158	373.196	
5	OH4BCS	ALL	HIGH	CLASSIC	965	2.165	161	348.565	OH1ZAA
6	OH2PQ	ALL	HIGH	CLASSIC	892	2.103	155	325.965	
7	OH1X	ALL	HIGH	CLASSIC	696	1.541	130	200.330	
8	OH2BFG	ALL	HIGH	CLASSIC	481	1.045	102	106.590	
9	SQ9TX	ALL	HIGH	CLASSIC	36	36	25	900	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LA2AB	ALL	LOW	CLASSIC	1447	3.270	175	572.250	LA7MFA
2	OH2CV	ALL	LOW	CLASSIC	1155	2.585	170	439.450	
3	SM5CSS	ALL	LOW	CLASSIC	1218	2.693	160	430.880	
4	OH2BA	ALL	LOW	CLASSIC	673	1.429	128	182.912	JK3GAD
5	SE0I	ALL	QRP	CLASSIC	679	1.404	109	153.036	SM0HPL

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
6	OH1VR	ALL	LOW	CLASSIC	560	1.217	125	152.125	
7	SG0M	ALL	LOW	CLASSIC	595	1.316	115	151.340	SA0AQT
8	9H1CG	ALL	LOW	CLASSIC	263	263	121	31.823	
9	YO2IS	ALL	LOW	CLASSIC	210	210	100	21.000	
10	YO8COR	ALL	LOW	CLASSIC	186	186	82	15.252	
11	HA6QS	ALL	LOW	CLASSIC	141	141	78	10.998	
12	OH2MGA	ALL	LOW	CLASSIC	114	252	40	10.080	
13	DK3YD	ALL	LOW	CLASSIC	145	145	69	10.005	
14	YL3GQ	ALL	LOW	CLASSIC	125	125	55	6.875	
15	TA3DJ	ALL	LOW	CLASSIC	74	128	53	6.784	
16	OK1BR	ALL	LOW	CLASSIC	138	138	45	6.210	
17	HB9IIH	ALL	LOW	CLASSIC	121	121	51	6.171	
18	PA3ARM	ALL	LOW	CLASSIC	98	98	57	5.586	
19	YO6BLU	ALL	LOW	CLASSIC	88	88	50	4.400	
20	JH7QXJ	ALL	LOW	CLASSIC	85	85	46	3.910	
21	OK2VX	ALL	LOW	CLASSIC	68	68	42	2.856	
22	JM8LND	ALL	LOW	CLASSIC	65	65	33	2.145	
23	OZ5UR	ALL	LOW	CLASSIC	23	55	21	1.155	
24	PE2V	ALL	LOW	CLASSIC	44	44	22	968	
25	F5IQJ	ALL	QRP	CLASSIC	28	28	23	644	
26	JE8UHY	ALL	LOW	CLASSIC	32	32	20	640	
27	VK2EZF	ALL	LOW	CLASSIC	29	29	21	609	
28	EA3EE	ALL	LOW	CLASSIC	27	27	22	594	
29	VK2IG	ALL	LOW	CLASSIC	26	26	22	572	
30	DK5SP	ALL	QRP	CLASSIC	28	28	20	560	
31	SP2HMY	ALL	QRP	CLASSIC	28	28	19	532	
32	EA4HIH	ALL	LOW	CLASSIC	20	20	18	360	
33	VU2TUM	ALL	LOW	CLASSIC	18	18	15	270	
34	JH4NJQ	ALL	LOW	CLASSIC	20	20	12	240	
35	DH9NAD/P	ALL	QRP	CLASSIC	18	18	12	216	
36	JK1ESR	ALL	LOW	CLASSIC	3	9	3	27	
37	JM8GJB	ALL	LOW	CLASSIC	4	4	4	16	
38	JO1KTD	ALL	LOW	CLASSIC	4	4	3	12	
39	W6IRA	ALL	QRP	CLASSIC	2	2	2	4	

SAC CW 2024 SINGLE-OP ROOKIE

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	IU0PVM	ALL	HIGH	ROOKIE	60	60	45	2.700	
2	SA3MGL	ALL	HIGH	ROOKIE	23	49	19	931	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YL3NU	ALL	LOW	ROOKIE	238	238	105	24.990	
2	HA3GC	ALL	LOW	ROOKIE	216	216	105	22.680	
3	DS1TUW	ALL	LOW	ROOKIE	141	147	70	10.290	
4	HA5AX	ALL	LOW	ROOKIE	97	97	47	4.559	
5	HA3MAR	ALL	LOW	ROOKIE	41	41	31	1.271	
6	OM2ADM	ALL	LOW	ROOKIE	35	35	29	1.015	
7	LU2PWY	ALL	LOW	ROOKIE	21	21	15	315	
8	SA6JOF	ALL	LOW	ROOKIE	10	27	9	243	
9	VE3INE	ALL	LOW	ROOKIE	15	15	12	180	
10	PA3MVE	ALL	QRP	ROOKIE	3	3	3	9	

SAC CW 2024 SINGLE-OP TB-WIRES

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OG6W	ALL	HIGH	TB-WIRES	1409	3.305	188	621.340	OH6NJ
2	SB7S	ALL	HIGH	TB-WIRES	1342	3.053	176	537.328	
3	LA8OM	ALL	HIGH	TB-WIRES	1259	2.733	153	418.149	
4	OZ0B	ALL	HIGH	TB-WIRES	1071	2.443	165	403.095	OZ1ISY
5	SK6EI	ALL	HIGH	TB-WIRES	986	2.231	150	334.650	SM6DHF
6	SD0W	ALL	HIGH	TB-WIRES	949	2.116	150	317.400	SM0FPR
7	OG4A	ALL	HIGH	TB-WIRES	811	1.818	133	241.794	OH2BAI
8	LZ6E	ALL	HIGH	TB-WIRES	531	531	172	91.332	LZ1GU
9	9A1AA	ALL	HIGH	TB-WIRES	433	433	162	70.146	
10	DL5XJ	ALL	HIGH	TB-WIRES	343	343	162	55.566	
11	EA5FID	ALL	HIGH	TB-WIRES	338	338	118	39.884	
12	DJ2XY	ALL	HIGH	TB-WIRES	314	314	107	33.598	
13	OK1OA	ALL	HIGH	TB-WIRES	260	260	115	29.900	
14	DR2C	ALL	HIGH	TB-WIRES	254	254	113	28.702	DJ0IF
15	F6AUS	ALL	HIGH	TB-WIRES	240	240	106	25.440	
16	SQ9MZ	ALL	HIGH	TB-WIRES	236	236	95	22.420	
17	DJ6GI	ALL	HIGH	TB-WIRES	213	213	101	21.513	
18	YE1GXQ	ALL	HIGH	TB-WIRES	175	215	89	19.135	
19	IV3IPS	ALL	HIGH	TB-WIRES	204	204	85	17.340	
20	K9OM	ALL	HIGH	TB-WIRES	111	183	57	10.431	
21	K3AU	ALL	HIGH	TB-WIRES	85	117	68	7.956	K2YWE
22	LX1NO	ALL	HIGH	TB-WIRES	106	106	51	5.406	
23	NT6X	ALL	HIGH	TB-WIRES	69	73	45	3.285	
24	DF4XG	ALL	HIGH	TB-WIRES	54	54	37	1.998	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	XP2I	ALL	LOW	TB-WIRES	1142	2.606	152	396.112	OZ2I
2	SM6F	ALL	LOW	TB-WIRES	983	2.263	173	391.499	SM6CUK

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
3	SK4EA	ALL	LOW	TB-WIRES	1037	2.305	151	348.055	SM4EPR
4	OH2YL	ALL	LOW	TB-WIRES	890	1.913	139	265.907	
5	SF0A	ALL	QRP	TB-WIRES	811	1.698	117	198.666	SM0LPO
6	SM6EAT	ALL	LOW	TB-WIRES	548	1.242	101	125.442	
7	LC2F	ALL	LOW	TB-WIRES	492	1.038	99	102.762	LA2HFA
8	SD6F	ALL	QRP	TB-WIRES	464	984	101	99.384	SM6JWR
9	OG9R	ALL	LOW	TB-WIRES	355	756	87	65.772	
10	HA6QU	ALL	LOW	TB-WIRES	398	398	141	56.118	
11	I4IKW	ALL	LOW	TB-WIRES	357	357	145	51.765	
12	UN8PT	ALL	LOW	TB-WIRES	353	391	125	48.875	
13	IT9IVU	ALL	LOW	TB-WIRES	326	326	142	46.292	
14	SM7CIL	ALL	LOW	TB-WIRES	300	672	59	39.648	
15	LY5O	ALL	LOW	TB-WIRES	268	268	143	38.324	
16	W1WBB	ALL	LOW	TB-WIRES	222	344	111	38.184	
17	OK7T	ALL	LOW	TB-WIRES	323	323	118	38.114	OK1FHI
18	DL4WA	ALL	LOW	TB-WIRES	285	285	131	37.335	
19	DJ1OJ	ALL	LOW	TB-WIRES	302	302	123	37.146	
20	9H1PI	ALL	LOW	TB-WIRES	281	281	128	35.968	
21	SN7J	ALL	LOW	TB-WIRES	291	291	117	34.047	SP7JYM
22	DL8HK	ALL	LOW	TB-WIRES	279	279	110	30.690	
23	LY6C	ALL	LOW	TB-WIRES	243	243	101	24.543	
24	OH8DR	ALL	LOW	TB-WIRES	197	409	54	22.086	
25	DL2LRT	ALL	LOW	TB-WIRES	193	193	105	20.265	
26	HA3OU	ALL	LOW	TB-WIRES	170	170	96	16.320	
27	EA4BAS	ALL	LOW	TB-WIRES	156	156	90	14.040	
28	JE4MHL	ALL	LOW	TB-WIRES	153	169	78	13.182	
29	EA3NO	ALL	LOW	TB-WIRES	134	134	79	10.586	
30	OK2GU	ALL	LOW	TB-WIRES	143	143	72	10.296	
31	K1TR	ALL	LOW	TB-WIRES	108	138	70	9.660	
32	W1EQ	ALL	LOW	TB-WIRES	109	127	70	8.890	
33	OT5Q	ALL	LOW	TB-WIRES	131	131	61	7.991	
34	US7UC	ALL	LOW	TB-WIRES	115	115	68	7.820	
35	IK2CFD	ALL	LOW	TB-WIRES	103	103	69	7.107	
36	OK2PF	ALL	LOW	TB-WIRES	119	119	59	7.021	
37	N4IJ	ALL	LOW	TB-WIRES	95	105	62	6.510	
38	NE8P	ALL	LOW	TB-WIRES	107	107	53	5.671	
39	G4MKR	ALL	LOW	TB-WIRES	85	85	50	4.250	
40	SP9KJU	ALL	LOW	TB-WIRES	81	81	47	3.807	SP9MDY
41	HA5DZZ	ALL	LOW	TB-WIRES	81	81	43	3.483	
42	JG1EIQ	ALL	LOW	TB-WIRES	75	75	45	3.375	
43	ON4CT	ALL	LOW	TB-WIRES	63	63	47	2.961	
44	ON7ET	ALL	QRP	TB-WIRES	58	58	48	2.784	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
45	JK8PBO	ALL	LOW	TB-WIRES	63	63	44	2.772	
46	JK1TCV	ALL	QRP	TB-WIRES	58	58	30	1.740	
47	HA5CQZ	ALL	LOW	TB-WIRES	42	42	26	1.092	
48	JK1RWO	ALL	LOW	TB-WIRES	42	42	24	1.008	
49	JO1WIZ	ALL	LOW	TB-WIRES	30	30	18	540	
50	DL0GEO	ALL	LOW	TB-WIRES	31	31	15	465	DL2YAK
51	ZS5XT	ALL	LOW	TB-WIRES	21	21	14	294	
52	OH4MVH	ALL	QRP	TB-WIRES	11	29	10	290	
53	DL2ZA	ALL	LOW	TB-WIRES	19	19	13	247	
54	K8VA	ALL	LOW	TB-WIRES	16	16	13	208	
55	JH1VIX	ALL	LOW	TB-WIRES	16	16	12	192	
56	JH1MTR/4	ALL	LOW	TB-WIRES	16	16	12	192	
57	JH6RON	ALL	LOW	TB-WIRES	11	17	10	170	
58	E25KAE	ALL	LOW	TB-WIRES	10	10	8	80	
59	PY3LX	ALL	LOW	TB-WIRES	8	8	8	64	
60	K7KER	ALL	LOW	TB-WIRES	0	0	0	0	

SAC CW 2024 SINGLE-OP WIRE-ONLY

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LC5T	ALL	HIGH	WIRE-ONLY	1424	3.140	176	552.640	LB5WB
2	SM5/DL2SWW	ALL	HIGH	WIRE-ONLY	1055	2.258	143	322.894	EX SD7W
3	SE5B	ALL	HIGH	WIRE-ONLY	574	1.232	115	141.680	SM5CBN
4	OH6BA	ALL	HIGH	WIRE-ONLY	432	922	92	84.824	
5	DK4WW	ALL	HIGH	WIRE-ONLY	297	297	121	35.937	
6	LY1M	ALL	HIGH	WIRE-ONLY	205	205	103	21.115	
7	K1TZQ	ALL	HIGH	WIRE-ONLY	165	233	90	20.970	
8	SP5ELA	ALL	HIGH	WIRE-ONLY	193	193	94	18.142	
9	M4N	ALL	HIGH	WIRE-ONLY	181	181	74	13.394	G4IZZ
10	K8PK	ALL	HIGH	WIRE-ONLY	119	153	68	10.404	
11	W2CS	ALL	HIGH	WIRE-ONLY	70	104	40	4.160	
12	N2JJ	ALL	HIGH	WIRE-ONLY	46	122	29	3.538	
13	VK2OXZ	ALL	HIGH	WIRE-ONLY	54	76	42	3.192	
14	JF1KML	ALL	HIGH	WIRE-ONLY	68	68	33	2.244	
15	KY4GS	ALL	HIGH	WIRE-ONLY	28	42	25	1.050	
16	WB8WUA	ALL	HIGH	WIRE-ONLY	1	1	1	1	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SF5O	ALL	LOW	WIRE-ONLY	1088	2.380	172	409.360	SM0EOS
2	SF6W	ALL	LOW	WIRE-ONLY	951	2.019	134	270.546	SM6EWB
3	SE4E	ALL	LOW	WIRE-ONLY	870	1.886	141	265.926	SM4DQE
4	OG9E	ALL	LOW	WIRE-ONLY	837	1.761	123	216.603	OH9HDH

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
5	OZ/DF4ZL	ALL	LOW	WIRE-ONLY	781	1.674	121	202.554	
6	OH1KBX/6	ALL	LOW	WIRE-ONLY	782	1.689	112	189.168	OH1LA
7	SD1A	ALL	LOW	WIRE-ONLY	745	1.623	115	186.645	SM1TDE
8	OZ1IVA	ALL	LOW	WIRE-ONLY	485	1.029	110	113.190	
9	OZ6SYL	ALL	LOW	WIRE-ONLY	602	1.234	90	111.060	DL3KWR
10	LA/G3SWC	ALL	LOW	WIRE-ONLY	537	1.143	92	105.156	
11	LB1UK	ALL	LOW	WIRE-ONLY	533	1.146	84	96.264	
12	SD3A	ALL	LOW	WIRE-ONLY	465	989	88	87.032	SM3FJF
13	OZ3TQ	ALL	LOW	WIRE-ONLY	482	997	87	86.739	
14	SM5MX	ALL	LOW	WIRE-ONLY	443	925	88	81.400	
15	SK5AA	ALL	LOW	WIRE-ONLY	432	925	88	81.400	SM5KRI
16	LZ1QV	ALL	LOW	WIRE-ONLY	466	466	158	73.628	
17	OH8CW	ALL	LOW	WIRE-ONLY	342	728	81	58.968	
18	SP9YGD	ALL	LOW	WIRE-ONLY	399	399	133	53.067	SP9GFI
19	UZ1WW	ALL	LOW	WIRE-ONLY	336	336	140	47.040	
20	PC4E	ALL	LOW	WIRE-ONLY	238	238	114	27.132	
21	S57X	ALL	LOW	WIRE-ONLY	215	215	103	22.145	
22	IT9ORA	ALL	LOW	WIRE-ONLY	173	173	89	15.397	
23	GI4NKB	ALL	LOW	WIRE-ONLY	175	175	72	12.600	
24	OK1KUW	ALL	QRP	WIRE-ONLY	122	122	67	8.174	
25	NU8A	ALL	LOW	WIRE-ONLY	99	125	59	7.375	
26	PA3EWG	ALL	LOW	WIRE-ONLY	103	103	63	6.489	
27	IK8VRP	ALL	LOW	WIRE-ONLY	99	99	65	6.435	
28	LC2W	ALL	QRP	WIRE-ONLY	97	198	29	5.742	LB6RH
29	DJ1MM	ALL	LOW	WIRE-ONLY	111	111	50	5.550	
30	SM5KQS	ALL	LOW	WIRE-ONLY	57	142	37	5.254	
31	PG2V	ALL	LOW	WIRE-ONLY	124	124	42	5.208	
32	DK4CU	ALL	QRP	WIRE-ONLY	88	88	58	5.104	
33	HA8TP	ALL	LOW	WIRE-ONLY	99	99	51	5.049	
34	PA2VS	ALL	LOW	WIRE-ONLY	100	100	44	4.400	
35	DL3HR	ALL	LOW	WIRE-ONLY	97	97	45	4.365	
36	LY2AT	ALL	LOW	WIRE-ONLY	69	69	54	3.726	
37	DL7LX	ALL	LOW	WIRE-ONLY	66	66	49	3.234	
38	PA0ZAV	ALL	LOW	WIRE-ONLY	75	75	41	3.075	
39	PA3DRL	ALL	LOW	WIRE-ONLY	72	72	38	2.736	
40	IK2AUK	ALL	LOW	WIRE-ONLY	58	58	42	2.436	
41	KT0P	ALL	LOW	WIRE-ONLY	46	54	33	1.782	
42	DL8UKW	ALL	LOW	WIRE-ONLY	57	57	30	1.710	
43	DL1YEG	ALL	LOW	WIRE-ONLY	39	39	28	1.092	
44	DL6NDW	ALL	LOW	WIRE-ONLY	37	37	27	999	
45	IK2AIT	ALL	LOW	WIRE-ONLY	31	31	27	837	
46	JJ3TBB	ALL	LOW	WIRE-ONLY	32	32	19	608	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
47	PA2CHM	ALL	LOW	WIRE-ONLY	23	23	17	391	
48	DH7AMF	ALL	LOW	WIRE-ONLY	20	20	17	340	
49	JA6CVR	ALL	LOW	WIRE-ONLY	17	17	13	221	
50	W8DXU	ALL	QRP	WIRE-ONLY	15	15	11	165	
51	EA3DMN	ALL	LOW	WIRE-ONLY	11	11	9	99	
52	JH8IYN	ALL	LOW	WIRE-ONLY	5	5	5	25	
53	N4DLA	ALL	QRP	WIRE-ONLY	1	1	1	1	

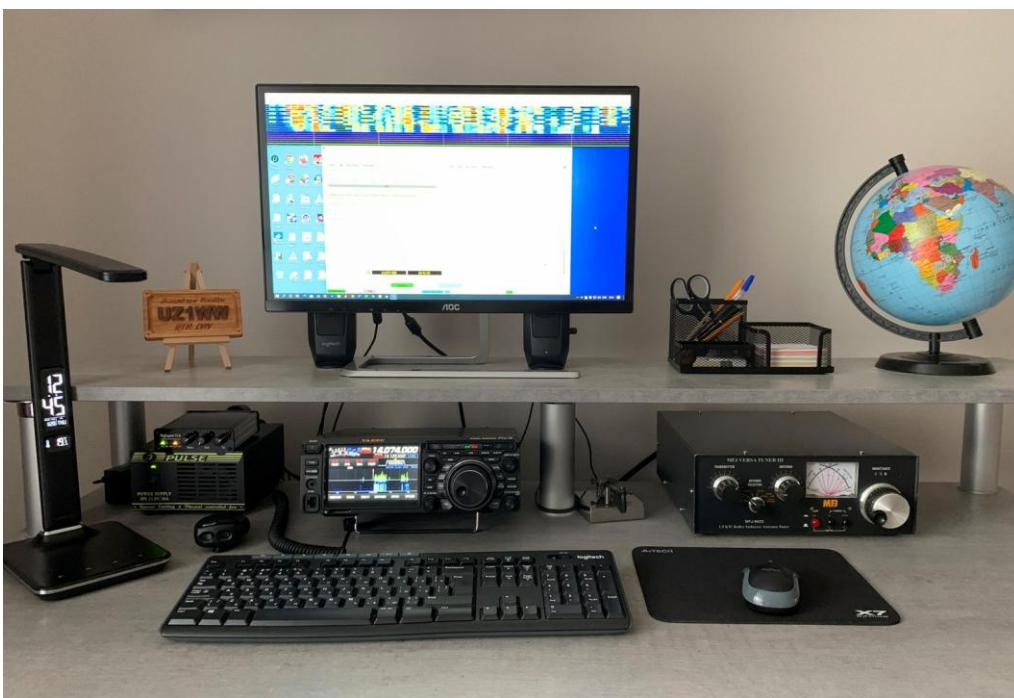
UZ1WW Volodymyr



End Fed 40m long wire @ 25m to 5m agl



Volodymyr (Bob) UZ1WW



UZ1WW_Shack

SSB 2024 FULL**SAC SSB 2024 SINGLE-OP HIGH**

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH0V	ALL	HIGH	NONE	1705	4.081	236	963.116	OH6LI
2	OG6K	ALL	HIGH	CLASSIC	1521	3.565	225	802.125	
3	SE5E	ALL	HIGH	NONE	1303	2.921	231	674.751	SM5AJV
4	OH6DX	ALL	HIGH	TB-WIRES	1391	3.107	213	661.791	
5	OG3B	ALL	HIGH	NONE	1198	2.719	228	619.932	OH3RB
6	OG1D	ALL	HIGH	NONE	1171	2.805	214	600.270	
7	OH8L	ALL	HIGH	NONE	1303	2.900	205	594.500	OH8LQ
8	OH2T	ALL	HIGH	NONE	1235	2.783	205	570.515	OH2KW
9	OH8X	ALL	HIGH	NONE	1200	2.714	204	553.656	OH8RX
10	OH7K	ALL	HIGH	CLASSIC	1105	2.455	205	503.275	OH7MA
11	OH8K	ALL	HIGH	TB-WIRES	1100	2.427	204	495.108	OH8KXK
12	LN8W	ALL	HIGH	NONE	1002	2.388	197	470.436	
13	OG5B	ALL	HIGH	CLASSIC	1017	2.249	200	449.800	OH5BM
14	OH2PQ	ALL	HIGH	CLASSIC	988	2.201	183	402.783	
15	OG7A	ALL	HIGH	NONE	1015	2.312	173	399.976	OH6MW
16	TF3W	ALL	HIGH	NONE	1125	2.504	150	375.600	
17	TF2LL	ALL	HIGH	NONE	984	2.199	163	358.437	
18	SB3W	ALL	HIGH	NONE	885	1.897	162	307.314	SM3RAB
19	OZ1ADL	ALL	HIGH	NONE	800	1.841	166	305.606	
20	OH5GIO	ALL	HIGH	TB-WIRES	861	1.875	160	300.000	
21	OG4Z	ALL	HIGH	NONE	898	1.968	142	279.456	OH4MDY
22	SG0X	ALL	HIGH	NONE	777	1.745	160	279.200	SM0MLZ
23	SC7DX	ALL	HIGH	NONE	734	1.735	159	275.865	
24	OZ4MD	ALL	HIGH	NONE	745	1.673	157	262.661	
25	SB7S	ALL	HIGH	TB-WIRES	810	1.731	151	261.381	
26	SM6M	ALL	HIGH	NONE	741	1.749	149	260.601	
27	LA3S	ALL	HIGH	TB-WIRES	751	1.603	153	245.259	LA3BO
28	OH3Z	ALL	HIGH	NONE	673	1.601	153	244.953	OH1NX
29	OH6RE	ALL	HIGH	NONE	707	1.567	150	235.050	
30	OG5O	ALL	HIGH	NONE	744	1.571	145	227.795	OH2OT
31	8S0C	ALL	HIGH	TB-WIRES	672	1.428	154	219.912	SM0MPV
32	SA0IAT	ALL	HIGH	NONE	691	1.649	132	217.668	
33	OH6OS	ALL	HIGH	NONE	645	1.336	144	192.384	
34	SA6U	ALL	HIGH	NONE	618	1.374	138	189.612	SM6LJU
35	OH3JR	ALL	HIGH	NONE	634	1.340	139	186.260	
36	8S8S	ALL	HIGH	TB-WIRES	680	1.442	127	183.134	SA5TIA
37	SA3MGL	ALL	HIGH	ROOKIE	710	1.491	121	180.411	
38	OH9GGY	ALL	HIGH	TB-WIRES	722	1.495	119	177.905	
39	SM2S	ALL	HIGH	TB-WIRES	747	1.565	113	176.845	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
40	OH1RX	ALL	HIGH	NONE	584	1.280	132	168.960	
41	OH7JL	ALL	HIGH	CLASSIC	683	1.406	115	161.690	
42	OH4BCS	ALL	HIGH	CLASSIC	573	1.223	131	160.213	
43	OH8WR	ALL	HIGH	NONE	647	1.391	113	157.183	
44	OG8M	15M	HIGH	NONE	946	2.279	67	152.693	OH8MCT
45	OH2XX	ALL	HIGH	NONE	573	1.274	115	146.510	
46	OG66X	ALL	HIGH	TB-WIRES	474	1.034	128	132.352	OH8WW
47	OH2N	ALL	HIGH	NONE	473	1.060	116	122.960	OH1JT
48	OG2X	ALL	HIGH	CLASSIC	541	1.146	103	118.038	OH2RM
49	SM6NT	ALL	HIGH	NONE	391	902	110	99.220	
50	LA8OM	ALL	HIGH	TB-WIRES	498	1.044	93	97.092	
51	LC5C	ALL	HIGH	WIRE-ONLY	483	987	93	91.791	LA6KOA
52	HB9NE	ALL	HIGH	NONE	512	512	159	81.408	HB9EOU
53	LY5W	ALL	HIGH	NONE	472	472	156	73.632	
54	OH1TD	ALL	HIGH	NONE	424	879	81	71.199	
55	LZ6E	ALL	HIGH	TB-WIRES	455	455	156	70.980	LZ1GU
56	SC5C	ALL	HIGH	TB-WIRES	301	665	105	69.825	
57	SM6MVE	ALL	HIGH	TB-WIRES	336	692	99	68.508	
58	SE5N	ALL	HIGH	NONE	320	687	92	63.204	SM5ISM
59	DG9SEH	ALL	HIGH	TB-WIRES	421	421	149	62.729	
60	SE0X	ALL	HIGH	NONE	289	665	93	61.845	SM0MDG
61	SD3T	ALL	HIGH	NONE	387	792	78	61.776	
62	SM0OEK	ALL	HIGH	NONE	321	671	86	57.706	
63	LB6KC	ALL	HIGH	NONE	284	620	93	57.660	
64	OH1XX	10M	HIGH	NONE	408	1.080	53	57.240	
65	OG6C	10M	HIGH	NONE	413	1.035	55	56.925	OH6CS
66	PC0A	ALL	HIGH	TB-WIRES	391	391	144	56.304	
67	KA1IS	ALL	HIGH	NONE	313	443	122	54.046	
68	S51CK	ALL	HIGH	TB-WIRES	387	387	137	53.019	
69	IK2LFF	ALL	HIGH	NONE	378	378	139	52.542	
70	SM2A	ALL	HIGH	NONE	294	636	82	52.152	
71	SA2T	ALL	HIGH	NONE	334	694	74	51.356	
72	G3SWC	ALL	HIGH	TB-WIRES	379	379	135	51.165	
73	SF1Z	ALL	HIGH	NONE	253	524	86	45.064	SM0HEV
74	SG0M	ALL	HIGH	CLASSIC	275	590	72	42.480	SA0AQ
75	G3Q	ALL	HIGH	NONE	338	338	124	41.912	G3RXQ
76	M0MCV	ALL	HIGH	TB-WIRES	340	340	120	40.800	
77	S56B	ALL	HIGH	NONE	348	348	115	40.020	
78	LA8HGA	ALL	HIGH	NONE	260	534	72	38.448	
79	OG1R	10M	HIGH	NONE	310	772	49	37.828	
80	OV1RR	ALL	HIGH	NONE	240	504	71	35.784	OZ1D
81	OH7HD	10M	HIGH	NONE	286	663	53	35.139	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
82	SM2CEW	ALL	HIGH	CLASSIC	244	508	69	35.052	
83	OG4A	15M	HIGH	NONE	353	734	46	33.764	OH2BAI
84	DK4VW	ALL	HIGH	NONE	275	275	120	33.000	
85	LA4ESA	ALL	HIGH	CLASSIC	244	493	64	31.552	
86	SM0P	ALL	HIGH	NONE	204	419	70	29.330	
87	LZ1JZ	ALL	HIGH	NONE	268	268	109	29.212	
88	SP7RFF	ALL	HIGH	NONE	266	266	105	27.930	
89	PY2MP	ALL	HIGH	NONE	236	292	93	27.156	
90	F4HRM	ALL	HIGH	NONE	246	246	101	24.846	
91	EA5O	ALL	HIGH	NONE	233	233	102	23.766	
92	OH2KI	10M	HIGH	NONE	216	522	45	23.490	
93	DG6SA	ALL	HIGH	NONE	240	240	95	22.800	
94	LY5O	ALL	HIGH	TB-WIRES	204	204	110	22.440	
95	OT7J	ALL	HIGH	NONE	220	220	100	22.000	
96	OK1OA	ALL	HIGH	TB-WIRES	206	206	102	21.012	
97	Z62NS	ALL	HIGH	NONE	221	221	95	20.995	
98	HB9CRY	ALL	HIGH	NONE	223	223	91	20.293	
99	SV3RPQ	ALL	HIGH	NONE	235	235	84	19.740	
100	HA1AH	ALL	HIGH	NONE	207	207	93	19.251	
101	PA3AAV	ALL	HIGH	NONE	200	200	92	18.400	
102	PV2K	ALL	HIGH	NONE	185	207	88	18.216	PY2KNK
103	N6AR	ALL	HIGH	NONE	173	211	85	17.935	
104	SM7L	ALL	HIGH	CLASSIC	122	275	61	16.775	SA7DNA
105	OH6CT	10M	HIGH	NONE	194	442	37	16.354	
106	I6NOA	ALL	HIGH	NONE	170	170	96	16.320	
107	LY1M	ALL	HIGH	WIRE-ONLY	180	180	80	14.400	
108	N9NC	ALL	HIGH	NONE	132	182	76	13.832	
109	OH3NAQ	ALL	HIGH	CLASSIC	120	269	50	13.450	
110	ES1BH	ALL	HIGH	NONE	156	156	86	13.416	
111	LY3CY	ALL	HIGH	NONE	174	174	77	13.398	
112	PY8WW	ALL	HIGH	NONE	114	174	77	13.398	
113	LX1FP	ALL	HIGH	NONE	176	176	76	13.376	
114	UN0LM	ALL	HIGH	NONE	182	182	73	13.286	
115	W7WA	ALL	HIGH	CLASSIC	116	180	73	13.140	
116	PC2K	ALL	HIGH	NONE	177	177	73	12.921	
117	G6AD	ALL	HIGH	NONE	149	149	86	12.814	
118	IZ0BVU	ALL	HIGH	NONE	141	141	82	11.562	
119	LY2CX	LOW	HIGH	NONE	184	184	62	11.408	
120	ES2MC	ALL	HIGH	NONE	125	125	91	11.375	
121	PA3GVQ	ALL	HIGH	TB-WIRES	165	165	67	11.055	
122	LC4C	15M	HIGH	NONE	159	334	33	11.022	LA5FBA
123	OH1X	ALL	HIGH	NONE	103	221	49	10.829	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
124	K1JB	ALL	HIGH	NONE	120	136	75	10.200	
125	IK2YCW	LOW	HIGH	NONE	167	167	60	10.020	
126	IW0HLZ	ALL	HIGH	NONE	138	138	71	9.798	
127	JR3AAZ	ALL	HIGH	NONE	141	141	65	9.165	
128	F8DZU	ALL	HIGH	NONE	144	144	63	9.072	
129	PY2QT	ALL	HIGH	NONE	143	143	59	8.437	
130	F1ADG	ALL	HIGH	NONE	116	116	72	8.352	
131	EI9HX	ALL	HIGH	NONE	133	133	62	8.246	
132	UT9CZ	LOW	HIGH	NONE	138	138	58	8.004	
133	UR5EJ	ALL	HIGH	NONE	129	129	60	7.740	
134	PA4GDR	ALL	HIGH	NONE	121	121	59	7.139	
135	YT1RK	ALL	HIGH	NONE	132	132	54	7.128	
136	W5GCX	ALL	HIGH	NONE	97	111	64	7.104	
137	SE0A	ALL	HIGH	NONE	80	162	43	6.966	SM0JCA
138	IS0PAH	ALL	HIGH	NONE	94	94	72	6.768	
139	JG1LFR	ALL	HIGH	NONE	113	121	55	6.655	
140	IZ8EQG	ALL	HIGH	NONE	125	125	53	6.625	
141	DK9VA	ALL	HIGH	CLASSIC	119	119	54	6.426	
142	KA8Q	ALL	HIGH	NONE	90	104	58	6.032	
143	LY1DX	ALL	HIGH	NONE	106	106	55	5.830	
144	DP5N	ALL	HIGH	NONE	99	99	58	5.742	
145	LA/US1PM	20M	HIGH	NONE	113	229	25	5.725	
146	OM2XW	ALL	HIGH	NONE	114	114	49	5.586	
147	PY5QW	ALL	HIGH	NONE	94	94	56	5.264	
148	HA5GF	ALL	HIGH	NONE	123	123	41	5.043	
149	LY2MM	LOW	HIGH	NONE	97	97	48	4.656	
150	KU8E	ALL	HIGH	TB-WIRES	67	99	47	4.653	
151	SM5EUU	20M	HIGH	NONE	94	191	24	4.584	
152	F4JHQ	ALL	HIGH	NONE	94	94	47	4.418	
153	ON8AH	ALL	HIGH	NONE	109	109	40	4.360	
154	EA5L	ALL	HIGH	NONE	67	67	64	4.288	
155	DH9ET	ALL	HIGH	NONE	90	90	47	4.230	
156	DH1TST	ALL	HIGH	NONE	74	74	55	4.070	
157	ES0IA	ALL	HIGH	NONE	68	68	59	4.012	
158	PC4H	ALL	HIGH	NONE	99	99	40	3.960	
159	PD7V	ALL	HIGH	NONE	85	85	43	3.655	
160	IT9IMJ	ALL	HIGH	NONE	64	64	57	3.648	
161	K1AR	ALL	HIGH	NONE	63	85	41	3.485	
162	OE1BAA	LOW	HIGH	NONE	80	80	42	3.360	
163	TA1API	ALL	HIGH	NONE	80	80	39	3.120	
164	SN5N	ALL	HIGH	NONE	93	93	33	3.069	
165	LZ3ZZ	ALL	HIGH	NONE	68	68	45	3.060	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
166	PA6F	ALL	HIGH	NONE	63	63	45	2.835	PA5OES
167	OE5TXF	ALL	HIGH	NONE	87	87	32	2.784	G3TXF
168	DG1LS	ALL	HIGH	NONE	63	63	43	2.709	
169	W6AFA	ALL	HIGH	NONE	49	73	36	2.628	
170	F1PNJ	ALL	HIGH	TB-WIRES	56	56	45	2.520	
171	VJ2W	ALL	HIGH	NONE	64	64	35	2.240	
172	W1GXZ	ALL	HIGH	NONE	58	58	37	2.146	
173	OH3BCX	15M	HIGH	NONE	52	107	20	2.140	
174	SP9WZJ	ALL	HIGH	NONE	77	77	27	2.079	
175	ZS2ABE	ALL	HIGH	NONE	61	61	34	2.074	
176	I2WIJ	ALL	HIGH	NONE	53	53	39	2.067	
177	SM7ATL	ALL	HIGH	NONE	38	79	26	2.054	
178	VK3GK	ALL	HIGH	CLASSIC	54	54	37	1.998	
179	OE5WZO	ALL	HIGH	NONE	54	54	36	1.944	
180	PA3DDP	ALL	HIGH	NONE	49	49	38	1.862	
181	OH7DIV	40M	HIGH	NONE	46	94	18	1.692	
182	YB5DDE	ALL	HIGH	NONE	41	49	33	1.617	
183	OH5ZA	10M	HIGH	NONE	45	99	16	1.584	
184	SM0SYP	15M	HIGH	NONE	45	93	17	1.581	
185	DL7ULF	LOW	HIGH	NONE	49	49	31	1.519	
186	PA3J	ALL	HIGH	NONE	50	50	30	1.500	
187	JF8FAZ	ALL	HIGH	NONE	47	47	31	1.457	
188	K5ZD	ALL	HIGH	NONE	46	46	31	1.426	
189	MM2T	ALL	HIGH	NONE	48	48	29	1.392	
190	SD7X	20M	HIGH	NONE	45	91	15	1.365	
191	PY3LX	ALL	HIGH	TB-WIRES	50	50	27	1.350	
192	UW7EF	LOW	HIGH	NONE	42	42	30	1.260	
193	PD9NR	ALL	HIGH	NONE	49	49	25	1.225	
194	SE6C	ALL	HIGH	NONE	28	58	21	1.218	
195	PY2EX	ALL	HIGH	NONE	54	54	22	1.188	
196	FK8IK	ALL	HIGH	NONE	41	41	28	1.148	
197	VE5MX	ALL	HIGH	NONE	35	39	27	1.053	
198	EA8DED	ALL	HIGH	NONE	49	49	21	1.029	OH2BP
199	PE1PIX	ALL	HIGH	NONE	41	41	24	984	
200	OH8CZF	20M	HIGH	NONE	32	66	14	924	OH1ZAA
201	M0HOM	ALL	HIGH	NONE	38	38	24	912	
202	F5NBX	ALL	HIGH	NONE	49	49	18	882	
203	JS1NDM	ALL	HIGH	NONE	31	35	25	875	
204	YL3AD	LOW	HIGH	NONE	39	39	22	858	
205	TK4TH	ALL	HIGH	NONE	33	33	24	792	
206	KC3RRF	ALL	HIGH	CLASSIC	31	31	24	744	
207	IW2NOO	ALL	HIGH	NONE	30	30	24	720	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
208	LY2AX	ALL	HIGH	NONE	31	31	22	682	
209	JG8TDZ	ALL	HIGH	NONE	35	35	17	595	
210	SP1JQJ	ALL	HIGH	NONE	33	33	18	594	
211	OH1EB	ALL	HIGH	NONE	18	40	14	560	
212	OK1DOL	ALL	HIGH	NONE	28	28	19	532	
213	VE3KG	ALL	HIGH	NONE	19	33	16	528	
214	LU5EA	ALL	HIGH	NONE	30	30	17	510	
215	E20AX	ALL	HIGH	CLASSIC	26	26	19	494	E21EIC
216	W3ICM	ALL	HIGH	NONE	27	27	18	486	
217	VK2IZ	ALL	HIGH	NONE	28	28	14	392	
218	JA9CXV	ALL	HIGH	NONE	24	24	16	384	
219	OH3AA	10M	HIGH	NONE	18	47	7	329	OH2KI
220	OZ4VW	10M	HIGH	NONE	13	36	9	324	
221	ZL/VE6TC	ALL	HIGH	NONE	23	23	14	322	
222	JA7HXG	ALL	HIGH	NONE	19	19	16	304	
223	K6NA	ALL	HIGH	NONE	19	19	16	304	
224	A61DQ	ALL	HIGH	CLASSIC	20	20	15	300	
225	DO4OFR	ALL	HIGH	NONE	18	18	15	270	
226	EA1FHQ	ALL	HIGH	NONE	16	16	15	240	
227	K4BAI	ALL	HIGH	NONE	17	17	14	238	
228	EA7LAB	ALL	HIGH	NONE	18	18	12	216	
229	YU1RA	LOW	HIGH	NONE	17	17	12	204	
230	PA3BUD	ALL	HIGH	NONE	15	15	13	195	
231	N7EPD	ALL	HIGH	NONE	11	19	10	190	
232	PY1JDX	ALL	HIGH	NONE	16	16	11	176	
233	PA3DRK	ALL	HIGH	NONE	16	16	10	160	
234	SB7A	ALL	HIGH	NONE	11	22	7	154	SA7LAK
235	N2RC	ALL	HIGH	NONE	12	12	12	144	
236	4I1EAY	ALL	HIGH	NONE	13	13	11	143	
237	IW0RQJ	ALL	HIGH	NONE	13	13	11	143	
238	YB1RYX	ALL	HIGH	NONE	13	13	11	143	
239	AD4EB	ALL	HIGH	NONE	11	11	11	121	
240	DO7ES	ALL	HIGH	NONE	12	12	8	96	
241	OV1ZX	ALL	HIGH	NONE	8	16	6	96	OZ3ACB
242	CT1BWO	ALL	HIGH	NONE	10	10	9	90	
243	DG0OAT	ALL	HIGH	NONE	9	9	9	81	
244	OH9COG	80M	HIGH	NONE	7	14	5	70	OH1ZAA
245	JA8IJI	ALL	HIGH	NONE	8	8	8	64	
246	WB5SKM	ALL	HIGH	NONE	8	8	8	64	
247	5P1NSA	ALL	HIGH	NONE	5	10	5	50	
248	AD2HL	ALL	HIGH	ROOKIE	8	8	6	48	
249	SA0PRJ	ALL	HIGH	NONE	5	10	4	40	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
250	JQ3GQI	ALL	HIGH	NONE	5	5	5	25	
251	PU2OQB	ALL	HIGH	NONE	7	7	3	21	
252	SD4C	ALL	HIGH	NONE	4	9	2	18	SM0SHG
253	K6DW	ALL	HIGH	NONE	3	5	3	15	
254	JQ3ICB	ALL	HIGH	NONE	4	4	3	12	
255	EA7BUU	ALL	HIGH	NONE	3	3	3	9	
256	ON1FB	ALL	HIGH	NONE	3	3	3	9	
257	JK1HIY	ALL	HIGH	NONE	2	2	2	4	
258	OH5CY	10M	HIGH	NONE	1	2	1	2	
259	IK2TDM	ALL	HIGH	NONE	0	0	0	0	
260	IW7ED	ALL	HIGH	NONE	0	0	0	0	
261	KF8I	ALL	HIGH	NONE	0	0	0	0	
262	SC2M	20M	HIGH	NONE	0	0	0	0	SA2BRJ

SAC SSB 2024 SINGLE-OP LOW

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH2PM	ALL	LOW	NONE	650	1.388	150	208.200	
2	LC1P	ALL	LOW	WIRE-ONLY	530	1.086	120	130.320	LA1DSA
3	SK6BA	ALL	LOW	WIRE-ONLY	527	1.128	115	129.720	SM6TZL
4	OH7TO	ALL	LOW	TB-WIRES	508	1.078	119	128.282	
5	SM6TOL	ALL	LOW	CLASSIC	442	922	106	97.732	
6	OH5FM	ALL	LOW	TB-WIRES	436	910	93	84.630	OH5KIZ
7	SM5JVF	ALL	LOW	NONE	423	866	89	77.074	
8	LA3BPA	ALL	LOW	NONE	346	721	97	69.937	
9	FY5KE	ALL	LOW	NONE	376	494	131	64.714	F5UII
10	IZ8DSX	ALL	LOW	NONE	389	389	148	57.572	
11	LZ7X	ALL	LOW	NONE	336	336	141	47.376	
12	IK8UND	ALL	LOW	NONE	356	356	131	46.636	
13	OH6LW	ALL	LOW	NONE	297	604	69	41.676	
14	OK2MBP	ALL	LOW	NONE	334	334	118	39.412	
15	DL8HK	ALL	LOW	TB-WIRES	316	316	123	38.868	
16	LY5GT	ALL	LOW	NONE	300	300	124	37.200	
17	UP7L	ALL	LOW	NONE	287	353	105	37.065	UN6LN
18	EA4EUI	ALL	LOW	NONE	282	282	128	36.096	
19	HB9CIC	ALL	LOW	NONE	315	315	113	35.595	
20	OZ4NA	ALL	LOW	TB-WIRES	235	488	69	33.672	
21	5B/OH9MM	ALL	LOW	CLASSIC	246	322	104	33.488	
22	SM6IQD	ALL	LOW	NONE	253	512	65	33.280	
23	PE1EWR	ALL	LOW	WIRE-ONLY	276	276	112	30.912	
24	OH8RA	ALL	LOW	TB-WIRES	235	481	61	29.341	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
25	DM2BR	ALL	LOW	NONE	275	275	106	29.150	
26	G9P	ALL	LOW	NONE	267	267	109	29.103	
27	EI8GP	ALL	LOW	WIRE-ONLY	248	248	110	27.280	
28	OH1VR	ALL	LOW	NONE	193	393	69	27.117	
29	ON3AR	ALL	LOW	NONE	234	234	108	25.272	
30	SP9LRD	ALL	LOW	NONE	241	241	102	24.582	
31	IN3JHZ	ALL	LOW	ROOKIE	252	252	97	24.444	
32	IN3JIO	ALL	LOW	ROOKIE	235	235	103	24.205	
33	4U1A	ALL	LOW	TB-WIRES	247	247	94	23.218	OE1ZZZ
34	LB7VI	ALL	LOW	NONE	216	435	52	22.620	
35	YQ8E	ALL	LOW	NONE	226	226	99	22.374	YO8EU
36	IW0SAG	ALL	LOW	NONE	253	253	88	22.264	
37	EA5JEG	ALL	LOW	NONE	236	236	89	21.004	
38	F1FPL	ALL	LOW	NONE	202	202	103	20.806	
39	UZ1WW	ALL	LOW	WIRE-ONLY	206	206	98	20.188	
40	IK0PHY	ALL	LOW	NONE	195	195	103	20.085	
41	DH0GDS	ALL	LOW	CLASSIC	211	211	91	19.201	
42	4Z5OI	ALL	LOW	TB-WIRES	145	235	81	19.035	
43	EA8AM	ALL	LOW	NONE	164	220	86	18.920	
44	IW4CUG	ALL	LOW	WIRE-ONLY	214	214	88	18.832	
45	EI3ENB	ALL	LOW	NONE	193	193	97	18.721	
46	DL4VAI	ALL	LOW	NONE	203	203	90	18.270	
47	OK2TS	ALL	LOW	NONE	208	208	87	18.096	
48	IU1MRH	ALL	LOW	NONE	189	189	95	17.955	
49	SP5KAB	ALL	LOW	NONE	206	206	87	17.922	SP5TG
50	EA3DJL	ALL	LOW	TB-WIRES	186	186	95	17.670	
51	SM4LRA	ALL	LOW	TB-WIRES	176	368	47	17.296	
52	DC5CH	ALL	LOW	NONE	195	195	86	16.770	
53	ER/UT1ZZ	ALL	LOW	NONE	199	199	84	16.716	
54	SK6L	ALL	LOW	TB-WIRES	155	321	52	16.692	
55	OM6AT	ALL	LOW	NONE	185	185	88	16.280	
56	LC2F	ALL	LOW	TB-WIRES	147	300	54	16.200	LA2HFA
57	OZ1KKH	ALL	LOW	NONE	146	300	54	16.200	
58	PE0CWK	ALL	LOW	NONE	213	213	76	16.188	
59	LZ2FDI	ALL	LOW	NONE	188	188	83	15.604	
60	DH4PSG	ALL	LOW	WIRE-ONLY	172	172	89	15.308	
61	DL2LBK	ALL	LOW	NONE	166	166	91	15.106	
62	DL8R	ALL	LOW	NONE	173	173	86	14.878	DK1MFI
63	IV3BXV	ALL	LOW	NONE	175	175	85	14.875	
64	TA5O	ALL	LOW	NONE	153	201	74	14.874	
65	G4POF	ALL	LOW	NONE	171	171	86	14.706	
66	ON6LO	ALL	LOW	NONE	192	192	76	14.592	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
67	DG5MLA	ALL	LOW	NONE	169	169	85	14.365	
68	OK1MDK	ALL	LOW	NONE	174	174	81	14.094	
69	LZ1DQ	ALL	LOW	NONE	180	180	77	13.860	
70	YL3GU	ALL	LOW	WIRE-ONLY	169	169	82	13.858	
71	HA5AX	ALL	LOW	ROOKIE	184	184	75	13.800	
72	EA2AOO	ALL	LOW	NONE	171	171	80	13.680	
73	VE9CZ	ALL	LOW	NONE	131	179	76	13.604	
74	HB9GPG	ALL	LOW	CLASSIC	189	189	71	13.419	
75	SP4DEU	ALL	LOW	NONE	163	163	80	13.040	
76	IW2NEF	ALL	LOW	NONE	174	174	74	12.876	
77	OE2ROL	ALL	LOW	WIRE-ONLY	146	146	86	12.556	
78	VO1GO	ALL	LOW	NONE	127	179	70	12.530	
79	LZ1DM	ALL	LOW	NONE	159	159	78	12.402	
80	MM0PHG	ALL	LOW	TB-WIRES	172	172	72	12.384	
81	F6DRP	ALL	LOW	NONE	177	177	69	12.213	
82	DJ6DO	ALL	LOW	NONE	172	172	71	12.212	
83	SQ3TGN	ALL	LOW	NONE	153	153	79	12.087	
84	SO5N	ALL	LOW	NONE	147	147	81	11.907	SP5BMU
85	PA7TG	ALL	LOW	NONE	155	155	76	11.780	
86	OH7KC	ALL	LOW	NONE	110	230	50	11.500	OH7MFO
87	VE2HIT	ALL	LOW	NONE	116	154	73	11.242	
88	DL8UV	ALL	LOW	NONE	163	163	68	11.084	
89	SQ4AVD	ALL	LOW	NONE	154	154	71	10.934	
90	HB9HDK	ALL	LOW	NONE	168	168	65	10.920	
91	IT9OPR	ALL	LOW	NONE	152	152	70	10.640	
92	EI3CTB	ALL	LOW	NONE	136	136	78	10.608	
93	IT9JKS	ALL	LOW	ROOKIE	162	162	65	10.530	
94	DC6BW	ALL	LOW	NONE	159	159	66	10.494	
95	2E0PLA	ALL	LOW	TB-WIRES	138	138	76	10.488	
96	DL7JPH	ALL	LOW	NONE	147	147	71	10.437	
97	LZ2YO	ALL	LOW	NONE	141	141	74	10.434	
98	ON5RZ	ALL	LOW	NONE	164	164	61	10.004	
99	OZ1KVM	ALL	LOW	NONE	92	196	51	9.996	
100	PY2NY	ALL	LOW	CLASSIC	117	149	67	9.983	
101	GU0UVH	ALL	LOW	WIRE-ONLY	150	150	66	9.900	
102	YO5GHI	ALL	LOW	ROOKIE	142	142	69	9.798	
103	ES1TAR	ALL	LOW	TB-WIRES	136	136	72	9.792	
104	DK9BM	ALL	LOW	NONE	151	151	64	9.664	
105	HA3GC	ALL	LOW	ROOKIE	127	127	76	9.652	
106	IK4XQT	ALL	LOW	NONE	134	134	72	9.648	
107	HB9HYM	ALL	LOW	NONE	128	128	75	9.600	
108	SE5A	ALL	LOW	NONE	110	220	43	9.460	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
109	PD5ISW	ALL	LOW	NONE	158	158	59	9.322	
110	ON5GM	ALL	LOW	NONE	144	144	64	9.216	
111	UT1WW	ALL	LOW	NONE	134	134	68	9.112	
112	DJ9MH	ALL	LOW	NONE	143	143	61	8.723	
113	PA2VS	ALL	LOW	WIRE-ONLY	152	152	56	8.512	
114	MW5EPA	ALL	LOW	NONE	140	140	59	8.260	
115	DL5RBZ	ALL	LOW	NONE	133	133	62	8.246	
116	DL4DRW	ALL	LOW	NONE	122	122	67	8.174	
117	PD1RO	ALL	LOW	NONE	131	131	62	8.122	
118	BA4TB	ALL	LOW	NONE	111	129	62	7.998	
119	DL7AX	ALL	LOW	NONE	131	131	60	7.860	
120	SP9ODM	ALL	LOW	NONE	135	135	58	7.830	
121	SP6GSA	ALL	LOW	NONE	124	124	63	7.812	
122	EI9IRB	ALL	LOW	ROOKIE	95	95	77	7.315	
123	F4DXP	ALL	LOW	NONE	119	119	61	7.259	
124	PY1WK	ALL	LOW	ROOKIE	118	146	49	7.154	
125	PY2IB	ALL	LOW	TB-WIRES	113	115	62	7.130	
126	SP3FLY	ALL	LOW	ROOKIE	114	114	62	7.068	
127	AB2TC	ALL	LOW	NONE	107	119	59	7.021	
128	F5LEN	ALL	LOW	NONE	103	103	68	7.004	
129	IT9IRV	ALL	LOW	NONE	129	129	54	6.966	
130	OK7AW	ALL	LOW	NONE	116	116	60	6.960	
131	PA5JD	ALL	LOW	NONE	124	124	55	6.820	
132	IU0QDP	ALL	LOW	TB-WIRES	98	98	69	6.762	
133	PA3CGJ	ALL	LOW	NONE	112	112	59	6.608	
134	PC1PM	ALL	LOW	NONE	124	124	53	6.572	
135	F4ADZ	ALL	LOW	NONE	112	112	58	6.496	
136	HA5PA	ALL	LOW	NONE	103	103	63	6.489	
137	LU1JHF	ALL	LOW	TB-WIRES	106	108	59	6.372	
138	YL2NK	ALL	LOW	NONE	101	101	62	6.262	
139	SE6K	ALL	LOW	NONE	73	149	42	6.258	SM6FZO
140	DK5DQ	ALL	LOW	NONE	109	109	57	6.213	
141	PD0GTO	ALL	LOW	NONE	109	109	57	6.213	
142	EA2WD	ALL	LOW	WIRE-ONLY	95	95	65	6.175	
143	KC1QEM	ALL	LOW	NONE	107	107	57	6.099	
144	IK4QJF	ALL	LOW	NONE	98	98	61	5.978	
145	SP2MHS	ALL	LOW	NONE	106	106	56	5.936	
146	BI1MCZ	ALL	LOW	TB-WIRES	109	111	53	5.883	
147	ON6EC	ALL	LOW	NONE	110	110	53	5.830	
148	PE1RWL	ALL	LOW	NONE	112	112	52	5.824	
149	TA2E	ALL	LOW	NONE	102	112	52	5.824	
150	PA2DKW	ALL	LOW	NONE	98	98	59	5.782	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
151	G0CMQ	ALL	LOW	CLASSIC	101	101	57	5.757	
152	IK2SAR	ALL	LOW	NONE	90	90	62	5.580	
153	DL6WWM	ALL	LOW	NONE	99	99	56	5.544	
154	DO1UTE	ALL	LOW	NONE	126	126	44	5.544	
155	DB4LL	ALL	LOW	CLASSIC	103	103	53	5.459	
156	LZ6DX	ALL	LOW	NONE	103	103	52	5.356	
157	SN5WD	ALL	LOW	NONE	103	103	52	5.356	SO5WD
158	PA7SL	ALL	LOW	NONE	102	102	52	5.304	
159	HA1WD	ALL	LOW	NONE	100	100	53	5.300	
160	HA6KG	ALL	LOW	ROOKIE	103	103	51	5.253	
161	PA1BK	ALL	LOW	TB-WIRES	100	100	52	5.200	
162	DL1MER	ALL	LOW	ROOKIE	95	95	54	5.130	
163	OH2LH	ALL	LOW	WIRE-ONLY	84	170	30	5.100	
164	OM6APR	ALL	LOW	CLASSIC	85	85	60	5.100	
165	EA2SN	ALL	LOW	NONE	99	99	51	5.049	
166	HB9HIC	ALL	LOW	CLASSIC	99	99	51	5.049	
167	DN2LH	ALL	LOW	CLASSIC	129	129	39	5.031	
168	AZ6H	ALL	LOW	NONE	103	103	46	4.738	LU3HIP
169	LZ1MC	ALL	LOW	TB-WIRES	103	103	46	4.738	
170	SM5ACQ	ALL	LOW	NONE	58	120	39	4.680	
171	F5AAR	ALL	LOW	NONE	84	84	55	4.620	
172	M3LNN	ALL	LOW	NONE	92	92	50	4.600	
173	PT7ZT	ALL	LOW	NONE	77	95	47	4.465	
174	EA3OW	ALL	LOW	TB-WIRES	80	80	55	4.400	
175	DL1DVN	ALL	LOW	NONE	95	95	46	4.370	
176	IK4LZH	ALL	LOW	NONE	85	85	51	4.335	
177	DD0ML	ALL	LOW	ROOKIE	90	90	48	4.320	
178	G0JDL	ALL	LOW	WIRE-ONLY	88	88	49	4.312	
179	DJ9MC	ALL	LOW	WIRE-ONLY	81	81	53	4.293	
180	DG3NAB	ALL	LOW	CLASSIC	107	107	40	4.280	
181	IK4RVY	ALL	LOW	NONE	84	84	49	4.116	
182	LA6LLA	ALL	LOW	WIRE-ONLY	63	127	32	4.064	
183	SM6USS	ALL	LOW	TB-WIRES	50	116	35	4.060	
184	G0RAH	ALL	LOW	TB-WIRES	73	73	55	4.015	
185	PA7KY	ALL	LOW	NONE	104	104	38	3.952	
186	PD8MD	ALL	LOW	NONE	79	79	50	3.950	
187	SP8DR	ALL	LOW	NONE	73	73	53	3.869	
188	LZ2JU	ALL	LOW	NONE	75	75	51	3.825	
189	EI4II	ALL	LOW	NONE	79	79	48	3.792	
190	PD0HRY	ALL	LOW	NONE	79	79	47	3.713	
191	PA3ELQ	ALL	LOW	NONE	95	95	38	3.610	
192	PY4LH	ALL	LOW	TB-WIRES	80	80	45	3.600	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
193	OK1IGR	ALL	LOW	NONE	76	76	46	3.496	
194	DO2ANW	ALL	LOW	NONE	99	99	35	3.465	
195	DF7RA	ALL	LOW	NONE	79	79	43	3.397	
196	ON9KVE	ALL	LOW	NONE	72	72	47	3.384	
197	IZ3ZMM	ALL	LOW	NONE	78	78	43	3.354	
198	L71D	ALL	LOW	NONE	80	80	41	3.280	
199	F4GDO	ALL	LOW	NONE	84	84	39	3.276	
200	EA1HXY	ALL	LOW	NONE	88	88	37	3.256	
201	LY6C	ALL	LOW	NONE	88	88	35	3.080	
202	SJ3A	ALL	LOW	NONE	50	110	28	3.080	SM3OMO
203	VU2ABE	ALL	LOW	NONE	77	77	40	3.080	
204	OK1BR	ALL	LOW	CLASSIC	81	81	38	3.078	
205	OM6AI	ALL	LOW	NONE	75	75	40	3.000	
206	PD0HF	ALL	LOW	NONE	75	75	40	3.000	
207	SP4SAF	ALL	LOW	NONE	96	96	31	2.976	
208	SP3DFB	ALL	LOW	NONE	64	64	46	2.944	
209	M0BAO	ALL	LOW	NONE	63	63	46	2.898	
210	DB4SCW	ALL	LOW	WIRE-ONLY	67	67	43	2.881	
211	HA3HK	ALL	LOW	NONE	70	70	41	2.870	
212	F4IBR	ALL	LOW	NONE	66	66	43	2.838	
213	VE2IAA	ALL	LOW	NONE	64	64	44	2.816	
214	PA3KL	ALL	LOW	TB-WIRES	69	69	40	2.760	
215	SV5/OH1Z	ALL	LOW	NONE	72	72	37	2.664	OH1LEG
216	YO7NK	ALL	LOW	NONE	88	88	30	2.640	
217	EA4CWW	ALL	LOW	NONE	68	68	38	2.584	
218	OE6PJD	ALL	LOW	CLASSIC	64	64	40	2.560	
219	DH9DX/P	ALL	LOW	WIRE-ONLY	73	73	35	2.555	
220	BI8FRF	ALL	LOW	NONE	69	69	37	2.553	
221	F4ILM	ALL	LOW	NONE	60	60	42	2.520	
222	G0WJK	ALL	LOW	TB-WIRES	63	63	40	2.520	
223	C31LK	ALL	LOW	NONE	68	68	37	2.516	
224	SM6EAT	ALL	LOW	TB-WIRES	58	117	21	2.457	
225	OM8JP	ALL	LOW	NONE	80	80	30	2.400	
226	SE4E	ALL	LOW	NONE	49	100	24	2.400	SM4DQE
227	TK4RC	ALL	LOW	NONE	58	58	41	2.378	
228	YT5LD	ALL	LOW	NONE	80	80	29	2.320	
229	IT9JVY	ALL	LOW	NONE	56	56	41	2.296	
230	LY4Q	ALL	LOW	NONE	60	60	38	2.280	
231	EB3AKL	ALL	LOW	NONE	58	58	39	2.262	
232	TA4CS	ALL	LOW	NONE	55	77	29	2.233	
233	DF0FY	ALL	LOW	WIRE-ONLY	60	60	37	2.220	DJ0IF
234	JA4JLT	ALL	LOW	NONE	65	65	34	2.210	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
235	IW2NRI	ALL	LOW	NONE	66	66	33	2.178	
236	EA1IQM	ALL	LOW	NONE	54	54	40	2.160	
237	SA6JOF	ALL	LOW	ROOKIE	42	86	25	2.150	
238	PU1JSV	ALL	LOW	NONE	76	76	28	2.128	
239	DL7USW/P	ALL	LOW	NONE	59	59	36	2.124	
240	SP4AWE	ALL	LOW	NONE	57	57	37	2.109	
241	DL5PSP	ALL	LOW	NONE	55	55	37	2.035	
242	TA6B	ALL	LOW	CLASSIC	75	75	27	2.025	
243	SM8M	ALL	LOW	NONE	39	84	24	2.016	SA0FIA
244	DJ0CHE	ALL	LOW	NONE	50	50	40	2.000	
245	PD3W	ALL	LOW	NONE	74	74	27	1.998	
246	IW3HV	ALL	LOW	NONE	62	62	32	1.984	
247	DB7AL	ALL	LOW	NONE	55	55	36	1.980	
248	LA5CIA	ALL	LOW	TB-WIRES	42	85	23	1.955	
249	IZ1SAI	ALL	LOW	NONE	57	57	34	1.938	
250	F1IKA	ALL	LOW	NONE	80	80	24	1.920	
251	PY5FO	ALL	LOW	NONE	69	69	26	1.794	
252	DC6MT	ALL	LOW	WIRE-ONLY	54	54	33	1.782	
253	LB1LG	ALL	LOW	WIRE-ONLY	35	77	23	1.771	
254	PY2BN	ALL	LOW	NONE	73	73	24	1.752	
255	DL9HB	ALL	LOW	WIRE-ONLY	53	53	33	1.749	
256	DF7CP	ALL	LOW	NONE	49	49	35	1.715	
257	I3JFU	ALL	LOW	NONE	59	59	29	1.711	
258	JA2ULV	ALL	LOW	CLASSIC	53	55	30	1.650	
259	VU3NPI	ALL	LOW	NONE	50	50	33	1.650	
260	SM6FGN	ALL	LOW	TB-WIRES	32	71	23	1.633	SM4FGN
261	PY4XX	ALL	LOW	NONE	37	51	32	1.632	
262	G7NIB	ALL	LOW	NONE	49	49	33	1.617	
263	MM0INH	ALL	LOW	WIRE-ONLY	50	50	32	1.600	
264	IU0MBJ	ALL	LOW	NONE	47	47	34	1.598	
265	CO6HLP	ALL	LOW	NONE	49	49	32	1.568	
266	D44PM	ALL	LOW	NONE	47	47	33	1.551	
267	HJ3ESF	ALL	LOW	ROOKIE	48	62	25	1.550	
268	OH6EI	ALL	LOW	WIRE-ONLY	33	68	22	1.496	
269	JA7HYS	ALL	LOW	NONE	51	51	29	1.479	
270	TA3EP	ALL	LOW	TB-WIRES	49	49	30	1.470	
271	DL7FB	ALL	LOW	NONE	54	54	27	1.458	
272	LA6M	ALL	LOW	NONE	44	91	16	1.456	LA6GX
273	PC7E	ALL	LOW	NONE	52	52	28	1.456	
274	IV3IDP	ALL	LOW	NONE	45	45	32	1.440	
275	SQ9S	ALL	LOW	NONE	53	53	27	1.431	
276	N1WRK	ALL	LOW	NONE	52	52	27	1.404	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
277	HG2UK	ALL	LOW	NONE	45	45	31	1.395	
278	BH9FRB	ALL	LOW	NONE	47	47	29	1.363	
279	DL6RG	ALL	LOW	NONE	47	47	29	1.363	
280	G8AHK	ALL	LOW	NONE	47	47	29	1.363	
281	SK7K	ALL	LOW	NONE	34	68	20	1.360	
282	AP5ARS	ALL	LOW	NONE	30	50	27	1.350	
283	F4GWM	ALL	LOW	NONE	54	54	25	1.350	
284	IT9FRX	ALL	LOW	NONE	48	48	28	1.344	
285	IZ2GMR	ALL	LOW	NONE	47	47	27	1.269	
286	SM5VTP	ALL	LOW	CLASSIC	52	104	12	1.248	
287	K0EA	ALL	LOW	NONE	43	43	28	1.204	
288	OM6TX	ALL	LOW	NONE	49	49	24	1.176	
289	PU1KPS	ALL	LOW	NONE	57	57	20	1.140	
290	F4JBG	ALL	LOW	NONE	42	42	27	1.134	
291	AJ4HP	ALL	LOW	NONE	34	34	33	1.122	
292	YC1CMZ	ALL	LOW	NONE	42	42	26	1.092	
293	PD2GSP	ALL	LOW	NONE	46	46	23	1.058	
294	XW4KV	ALL	LOW	NONE	39	39	27	1.053	
295	4Z4YA	ALL	LOW	NONE	27	41	25	1.025	
296	PA4DV	ALL	LOW	NONE	41	41	25	1.025	
297	PY2MIG	ALL	LOW	NONE	42	42	24	1.008	
298	M7CDJ	ALL	LOW	CLASSIC	41	41	24	984	
299	OK1AY	ALL	LOW	NONE	35	35	28	980	
300	JA2GHP	ALL	LOW	NONE	39	39	25	975	
301	YT3ABW	ALL	LOW	ROOKIE	39	39	25	975	
302	PD5BS	ALL	LOW	NONE	46	46	21	966	
303	HG3FUG	ALL	LOW	NONE	41	41	23	943	
304	M7SQI	ALL	LOW	WIRE-ONLY	39	39	24	936	
305	F4JWW	ALL	LOW	ROOKIE	32	32	29	928	
306	DO1HKL	ALL	LOW	NONE	46	46	20	920	
307	KC9JML	ALL	LOW	NONE	34	34	27	918	
308	OL7Z	ALL	LOW	NONE	48	48	19	912	
309	OE2JHN	ALL	LOW	NONE	37	37	24	888	
310	OZ8ZN	ALL	LOW	NONE	26	52	17	884	
311	2E0IHS	ALL	LOW	NONE	42	42	21	882	
312	OZ4HJ	ALL	LOW	NONE	31	63	14	882	
313	BX7ABT	ALL	LOW	NONE	35	35	25	875	
314	F4IYB	ALL	LOW	CLASSIC	36	36	24	864	
315	JS2NYJ	ALL	LOW	NONE	34	34	25	850	
316	PA5P	ALL	LOW	NONE	35	35	24	840	
317	PU2TDB	ALL	LOW	CLASSIC	42	42	20	840	
318	PA7KCC	ALL	LOW	NONE	34	34	23	782	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
319	DK1FS	ALL	LOW	NONE	39	39	20	780	
320	OK2BRQ	ALL	LOW	NONE	37	37	21	777	
321	SP9KJU	ALL	LOW	NONE	35	35	22	770	SP9MDY
322	KC3UHV	ALL	LOW	NONE	32	32	24	768	
323	SM5DXR	ALL	LOW	NONE	22	44	17	748	
324	PU4JOE	ALL	LOW	CLASSIC	39	39	19	741	
325	EA8CYM	ALL	LOW	WIRE-ONLY	37	37	20	740	
326	JA3UWB	ALL	LOW	NONE	37	37	20	740	
327	LB7LJ	ALL	LOW	NONE	26	52	14	728	
328	HI8ILK	ALL	LOW	NONE	17	47	15	705	
329	IN3WVY	ALL	LOW	NONE	30	30	23	690	
330	OM7AT	ALL	LOW	NONE	30	30	23	690	
331	EA4WF	ALL	LOW	NONE	38	38	18	684	
332	AJ4LN	ALL	LOW	NONE	24	34	20	680	
333	PA2DK	ALL	LOW	NONE	26	26	25	650	
334	PY2BRP	ALL	LOW	NONE	32	32	19	608	
335	DC5RE	ALL	LOW	NONE	30	30	20	600	
336	LA6QKA	ALL	LOW	NONE	22	46	13	598	
337	JS2EEF	ALL	LOW	NONE	35	35	17	595	
338	VE3TM	ALL	LOW	NONE	27	27	22	594	
339	S57ER	ALL	LOW	ROOKIE	29	29	20	580	
340	PY4ARS	ALL	LOW	NONE	32	32	18	576	
341	YC5LCZ	ALL	LOW	WIRE-ONLY	16	48	12	576	
342	VK2COP	ALL	LOW	WIRE-ONLY	27	27	21	567	
343	SA4UNA	ALL	LOW	ROOKIE	20	40	14	560	
344	SK100KTH	ALL	LOW	TB-WIRES	25	50	11	550	SA0MSM
345	EX0M	ALL	LOW	NONE	26	26	21	546	
346	DL3IAS/P	ALL	LOW	WIRE-ONLY	25	25	21	525	
347	IU5MQN	ALL	LOW	NONE	29	29	18	522	
348	HA/PD1ESB	ALL	LOW	NONE	26	26	20	520	
349	JA6WFM	ALL	LOW	NONE	32	32	16	512	
350	OM5HIT	ALL	LOW	NONE	29	29	17	493	
351	BU2EP	ALL	LOW	NONE	27	27	18	486	
352	2E0LMI	ALL	LOW	NONE	40	40	12	480	
353	DK4IO	ALL	LOW	NONE	24	24	20	480	
354	DO1SSB	ALL	LOW	NONE	32	32	15	480	
355	OH5BRB	ALL	LOW	NONE	16	33	14	462	
356	N1ADX	ALL	LOW	WIRE-ONLY	23	23	20	460	
357	DG4MCB	ALL	LOW	TB-WIRES	25	25	18	450	
358	JK1VBK	ALL	LOW	NONE	30	30	15	450	
359	DL6AF	ALL	LOW	ROOKIE	28	28	16	448	
360	PY2TEN	ALL	LOW	NONE	28	28	16	448	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
361	OM2ADM	ALL	LOW	NONE	22	22	20	440	
362	DM5MA	ALL	LOW	NONE	24	24	18	432	
363	SM4EPR	ALL	LOW	WIRE-ONLY	15	32	13	416	
364	SP3BBS	ALL	LOW	NONE	24	24	17	408	
365	DM2DLG	ALL	LOW	CLASSIC	27	27	15	405	
366	SP5FKW	ALL	LOW	NONE	27	27	15	405	
367	DF7CB	ALL	LOW	NONE	25	25	16	400	
368	LA7USA	ALL	LOW	NONE	15	30	13	390	
369	SQ5SUL	ALL	LOW	NONE	24	24	16	384	
370	YT5SMT	ALL	LOW	NONE	24	24	16	384	
371	OM2EMT	ALL	LOW	NONE	20	20	17	340	
372	LB0HJ	ALL	LOW	ROOKIE	13	26	13	338	
373	S59MA	ALL	LOW	NONE	27	27	12	324	
374	DJ4WT	ALL	LOW	NONE	20	20	16	320	
375	LA3RNA	ALL	LOW	CLASSIC	14	31	10	310	
376	UT5ZL	ALL	LOW	CLASSIC	22	22	14	308	
377	JH2RIH	ALL	LOW	NONE	20	20	15	300	
378	PD3SZN	ALL	LOW	NONE	21	21	14	294	
379	YO6PPX	ALL	LOW	NONE	21	21	14	294	
380	DL1SO	ALL	LOW	NONE	20	20	14	280	
381	PY2ZR	ALL	LOW	NONE	21	21	13	273	
382	DK5KF	ALL	LOW	CLASSIC	18	18	15	270	
383	DL7SH	ALL	LOW	NONE	18	18	15	270	
384	IU1QZX	ALL	LOW	NONE	18	18	15	270	
385	PY2CX	ALL	LOW	NONE	19	19	14	266	
386	N2MTG	ALL	LOW	NONE	12	24	11	264	
387	BA3KY	ALL	LOW	NONE	16	16	16	256	
388	IZ3WFD	ALL	LOW	NONE	21	21	12	252	
389	DO6ZTB	ALL	LOW	CLASSIC	19	19	13	247	
390	DO4DY	ALL	LOW	NONE	20	20	12	240	
391	W9TCV	ALL	LOW	CLASSIC	17	17	14	238	
392	DO6CH	ALL	LOW	NONE	18	18	13	234	
393	YD1SKA	ALL	LOW	NONE	18	18	12	216	
394	DL1AMT	ALL	LOW	NONE	15	15	14	210	
395	DL3SPX	ALL	LOW	NONE	19	19	11	209	
396	VE3KMQ	ALL	LOW	NONE	16	16	13	208	
397	SP1TP	ALL	LOW	ROOKIE	18	18	11	198	
398	JP7TIT	ALL	LOW	NONE	16	16	12	192	
399	PY5IN	ALL	LOW	NONE	16	16	12	192	
400	IU0LRV	ALL	LOW	NONE	14	14	13	182	
401	PU3POE	ALL	LOW	CLASSIC	15	15	12	180	
402	PU2OXB	ALL	LOW	NONE	19	19	9	171	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
403	LA1DP	ALL	LOW	NONE	10	21	8	168	
404	S57ATF	ALL	LOW	ROOKIE	14	14	12	168	
405	AI1G	ALL	LOW	NONE	10	16	10	160	
406	DO8DKH	ALL	LOW	NONE	15	15	10	150	
407	YC5NBY	ALL	LOW	NONE	13	13	11	143	
408	F4LRR	ALL	LOW	NONE	14	14	10	140	
409	PP2LA	ALL	LOW	NONE	14	14	10	140	
410	LA3ZA	ALL	LOW	NONE	11	22	6	132	
411	OE8IHT	ALL	LOW	ROOKIE	12	12	11	132	
412	JS2MYR	ALL	LOW	NONE	13	13	10	130	
413	KM4IAJ	ALL	LOW	NONE	11	13	10	130	
414	IN3PDI	ALL	LOW	NONE	14	14	9	126	
415	OZ6AEV	ALL	LOW	CLASSIC	9	18	7	126	
416	SP3DAT	ALL	LOW	NONE	12	12	10	120	
417	WN8Y	ALL	LOW	NONE	11	11	10	110	
418	SP3ATB	ALL	LOW	NONE	10	10	10	100	
419	DL9MFY	ALL	LOW	NONE	11	11	9	99	
420	EA7FWM	ALL	LOW	NONE	13	13	7	91	
421	2E0IZK	ALL	LOW	NONE	10	10	9	90	
422	DC0AL	ALL	LOW	WIRE-ONLY	10	10	9	90	
423	LY4MP	ALL	LOW	NONE	10	10	9	90	
424	BU2EV	ALL	LOW	NONE	11	11	8	88	
425	SP5ETS	ALL	LOW	NONE	11	11	8	88	
426	G0FPU	ALL	LOW	NONE	9	9	9	81	
427	PU2wdx	ALL	LOW	NONE	10	10	8	80	
428	TA6MMT	ALL	LOW	CLASSIC	10	10	8	80	
429	JR4HCQ	ALL	LOW	NONE	11	11	7	77	
430	EA4HIIH	ALL	LOW	NONE	9	9	8	72	
431	LB4ZI	ALL	LOW	NONE	6	12	6	72	
432	LU9EAE	ALL	LOW	NONE	11	11	6	66	
433	BA5AB	ALL	LOW	NONE	8	8	8	64	
434	PU2WYP	ALL	LOW	NONE	8	8	8	64	
435	SP2AKE	ALL	LOW	NONE	9	9	7	63	
436	TA3GO	ALL	LOW	NONE	9	9	7	63	
437	DC2CT	ALL	LOW	NONE	7	7	7	49	
438	JA8RWU	ALL	LOW	NONE	7	7	7	49	
439	LU5FYD	ALL	LOW	NONE	7	7	7	49	
440	SP7TBS	ALL	LOW	NONE	7	7	7	49	
441	9V1DE	ALL	LOW	NONE	8	8	6	48	
442	DK4HAA	ALL	LOW	CLASSIC	8	8	6	48	
443	2W0IEP	ALL	LOW	NONE	8	8	5	40	
444	YB6AFI	ALL	LOW	NONE	8	8	5	40	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
445	SB5X	ALL	LOW	NONE	6	13	3	39	
446	7Z1CY	ALL	LOW	NONE	6	6	6	36	
447	K9JK	ALL	LOW	WIRE-ONLY	6	6	6	36	
448	PA1GS	ALL	LOW	NONE	6	6	6	36	
449	F5MLJ	ALL	LOW	NONE	7	7	5	35	
450	KE4QCM	ALL	LOW	NONE	7	7	5	35	
451	LB6UH	ALL	LOW	NONE	3	9	3	27	
452	JE8PHS	ALL	LOW	NONE	5	5	5	25	
453	ON3VPA	ALL	LOW	NONE	5	5	5	25	
454	KC2AUF	ALL	LOW	NONE	5	5	4	20	
455	VK4GMI	ALL	LOW	NONE	5	5	4	20	
456	SA4AVS	ALL	LOW	NONE	3	6	3	18	
457	BD4WTM	ALL	LOW	NONE	4	4	4	16	
458	CT1DDN	ALL	LOW	WIRE-ONLY	4	4	4	16	
459	LY5YY	ALL	LOW	NONE	4	4	4	16	
460	W3FNK	ALL	LOW	NONE	5	5	3	15	
461	JH6IAG	ALL	LOW	NONE	4	4	3	12	
462	JL4OUX	ALL	LOW	NONE	3	3	3	9	
463	SV1QFU	ALL	LOW	NONE	3	3	3	9	
464	VK3YV	ALL	LOW	NONE	3	3	3	9	
465	JG1GCO	ALL	LOW	NONE	2	2	2	4	
466	K0VAA	ALL	LOW	WIRE-ONLY	2	2	2	4	
467	KF5KWO	ALL	LOW	WIRE-ONLY	2	2	2	4	
468	YE3FBV	ALL	LOW	NONE	2	2	2	4	
469	YG1AFK	ALL	LOW	NONE	2	2	2	4	
470	OM1AVV	ALL	LOW	NONE	2	2	1	2	
471	DM6MA	ALL	LOW	NONE	1	1	1	1	
472	KI6KGC	ALL	LOW	CLASSIC	1	1	1	1	
473	KW6SA	ALL	LOW	WIRE-ONLY	1	1	1	1	
474	PA3DAT	ALL	LOW	NONE	1	1	1	1	
475	VE2GT/9	ALL	LOW	CLASSIC	1	1	1	1	
476	WB8WUA	ALL	LOW	WIRE-ONLY	1	1	1	1	
477	DL1JPW	ALL	LOW	NONE	0	0	0	0	
478	DM4SJ	ALL	LOW	ROOKIE	0	0	0	0	
479	EA6/EI8FDB	ALL	LOW	CLASSIC	0	0	0	0	
480	F4LSZ/M	ALL	LOW	NONE	0	0	0	0	
481	KE8JVX	ALL	LOW	NONE	0	0	0	0	

SAC SSB 2024 SINGLE-OP QRP

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OK6OK	ALL	QRP	NONE	257	257	106	27.242	
2	8S3DX	ALL	QRP	NONE	230	472	57	26.904	SM3LDP
3	DL3AN	ALL	QRP	NONE	227	227	85	19.295	UT1AN
4	IK4OMU	ALL	QRP	TB-WIRES	217	217	78	16.926	
5	F6KRK	ALL	QRP	NONE	175	175	94	16.450	
6	UY7LM	ALL	QRP	NONE	167	167	77	12.859	
7	PC2F	ALL	QRP	NONE	151	151	73	11.023	
8	IZ4AIF	ALL	QRP	NONE	143	143	77	11.011	
9	YO4AAC	ALL	QRP	NONE	158	158	67	10.586	
10	OK1CBB	ALL	QRP	WIRE-ONLY	133	133	72	9.576	
11	PY2PLL	ALL	QRP	CLASSIC	130	130	60	7.800	
12	OH3KQ	ALL	QRP	NONE	81	168	41	6.888	
13	LA7WRA	ALL	QRP	NONE	76	154	38	5.852	
14	EC4AA	ALL	QRP	WIRE-ONLY	85	85	50	4.250	
15	DL5CV	ALL	QRP	NONE	82	82	47	3.854	
16	OU2V	ALL	QRP	WIRE-ONLY	48	98	30	2.940	OZ1FJB
17	IK3XTY	ALL	QRP	NONE	52	52	40	2.080	
18	SP3MKL	ALL	QRP	NONE	63	63	33	2.079	
19	SA4DHT	ALL	QRP	WIRE-ONLY	39	78	24	1.872	
20	OH4MVH	ALL	QRP	TB-WIRES	35	77	21	1.617	
21	EA3GYE	ALL	QRP	NONE	49	49	31	1.519	
22	SP3PDO	ALL	QRP	NONE	47	47	26	1.222	SP3TYJ
23	SP7JPN	ALL	QRP	NONE	38	38	27	1.026	
24	OH3KRG	ALL	QRP	WIRE-ONLY	25	51	17	867	
25	DF7XR	ALL	QRP	NONE	34	34	25	850	
26	SD1A	ALL	QRP	WIRE-ONLY	23	47	17	799	SM1TDE
27	MI1M	ALL	QRP	NONE	33	33	19	627	MI0LLG
28	HG7J	ALL	QRP	NONE	28	28	21	588	
29	DO3OI	ALL	QRP	ROOKIE	35	35	13	455	
30	DO1HEY	ALL	QRP	ROOKIE	37	37	11	407	
31	IW1CHX	ALL	QRP	NONE	20	20	15	300	
32	IK4LHE	ALL	QRP	NONE	22	22	13	286	
33	JK1TCV	ALL	QRP	NONE	18	18	14	252	
34	K3TW	ALL	QRP	NONE	16	16	14	224	
35	JM2RUV	ALL	QRP	NONE	17	17	11	187	
36	M7SBC	ALL	QRP	NONE	13	13	11	143	
37	EA4CS	ALL	QRP	NONE	12	12	9	108	
38	JH7UJU	ALL	QRP	NONE	9	9	9	81	
39	UX3IT	ALL	QRP	NONE	9	9	9	81	
40	LA1TPA	ALL	QRP	WIRE-ONLY	6	13	6	78	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
41	DM5XT	ALL	QRP	ROOKIE	10	10	5	50	
42	IW2EPE	ALL	QRP	CLASSIC	5	5	5	25	
43	PU2NZO	ALL	QRP	NONE	5	5	4	20	
44	PU7EFV	ALL	QRP	NONE	4	4	4	16	
45	IW3GYG	ALL	QRP	NONE	2	2	2	4	
46	IU2SNG	ALL	QRP	NONE	0	0	0	0	
47	JE3EDJ	ALL	QRP	NONE	0	0	0	0	

SAC SSB 2024 MULTI-ONE

#	CALL	BAND	POWER	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SJ2W	ALL	HIGH	1911	4.457	257	1.145.449	SM2LIY SM2MTR SM2WMV SM2YIZ
2	OH2R	ALL	HIGH	1038	2.345	198	464.310	OH2BH OH2GEK
3	LG5LG	ALL	HIGH	976	2.204	184	405.536	DF6DR DJ4MF DL2JRM DM7XX
4	OH6K	ALL	HIGH	946	2.068	161	332.948	OH6MSZ OH2BLV
5	LN1B	ALL	HIGH	918	1.951	156	304.356	LB5WB LA4XLA LA6VQ LB1AH LA4WKA
6	OI3V	ALL	HIGH	746	1.598	157	250.886	OH3BJL OH3KAV
7	JW5X	ALL	HIGH	859	1.901	119	226.219	LA9DL LA6VM LA7XK LA8NH
8	SK6AW	ALL	HIGH	724	1.498	130	194.740	SA6CBY SM5SIC SA6BGR
9	SK0QO	ALL	HIGH	650	1.362	141	192.042	SM0FDO SM0NUC SM0DSG SM0DSF SA0CVK
10	LA1K	ALL	HIGH	655	1.354	116	157.064	LB5DH LB0CJ LB5PI LB0VG
11	SG4G	ALL	HIGH	565	1.166	117	136.422	SM0NSJ SM4JST
12	SK6EI	ALL	HIGH	491	1.098	108	118.584	SA6FAX SM6BWD SA6AIN
13	IT9YVO	ALL	HIGH	525	525	159	83.475	IT9UFP IT9YVO
14	IQ0HV	ALL	HIGH	455	455	153	69.615	I0KNQ IK0RPV IW0DJC
15	SK6LK	ALL	HIGH	314	672	67	45.024	SM6EAT SA6KOD
16	SK6D	ALL	HIGH	258	535	82	43.870	SM6WKB SM6HQL SA6KWK
17	HB9BC	ALL	HIGH	286	286	126	36.036	HB9GNZ HB9HEA LA0FD HB9HBS HB9GYY HB9GYW HB9HYE HB9CYX
18	DP7D	ALL	HIGH	275	275	126	34.650	DP7D
19	OE1XA	ALL	HIGH	265	265	116	30.740	OE1LZS
20	MS0FNR	ALL	HIGH	200	200	83	16.600	GM0TKB MM7SJY MM7BCL MM0WKY 2M0HZR GM4JYB
21	OG2T	ALL	HIGH	119	253	52	13.156	OH5LLR OH2CIJ
22	CE2LS	ALL	HIGH	113	135	68	9.180	CE2AH CE2SQE CE2VQE
23	PA2RCW	ALL	HIGH	108	108	60	6.480	PA2RCW PD2LW
24	SK7A	ALL	HIGH	107	214	30	6.420	SA7IAN SM7BHM SA7JFN
25	BY1RX	ALL	HIGH	124	124	51	6.324	BD1IIJ BA1AJ BD1KV

#	CALL	BAND	POWER	QSO	POINTS	MULT.	SCORE	OPERATORS
26	N1SOH	ALL	HIGH	81	109	55	5.995	W1FM N1SOH
27	SP5CI	ALL	HIGH	28	28	23	644	SP5BK SP5SWR
28	SI6X	ALL	HIGH	22	44	14	616	SA5MNH SA5MKL AS @SK5LF
29	OH1KI	ALL	HIGH	13	26	9	234	MIKA ANSU TIMO

SAC SSB 2024 MULTI-MULTI

#	CALL	BAND	POWER	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OG1F	ALL	HIGH	2456	5.680	274	1.556.320	OH1TM OH1MM OH1NOA OH3RM OH6GDX DL3YM
2	SK3W	ALL	HIGH	2345	5.611	274	1.537.414	SM3SGP SA5BCG SA5EED SA6BET SM5EPO SM5IMO
3	OH5Z	ALL	HIGH	2286	5.143	268	1.378.324	OH5CZ OH5KS OH5LF OH6XX UR8UQ
4	OH9W	ALL	HIGH	1556	3.390	202	684.780	OH2BCI OH2BLS OH2FB OH2LQ OH2TA OH5BQ
5	OZ5W	ALL	HIGH	1177	2.805	200	561.000	OZ7BG OZ1ETA OZ1RH OZ1JUX OZ2KL OZ2U OZ5BD OZ1G
6	SE3P	ALL	HIGH	1109	2.444	195	476.580	SA0BYP SM0CXU SM0DZB @SM0DZB
7	SD6D	ALL	HIGH	1047	2.278	180	410.040	SM6RXZ SA6NIA SA6IMI
8	LN2T	ALL	HIGH	571	1.215	120	145.800	LB6VI LA3WAA
9	OZ4GM	ALL	HIGH	598	1.234	110	135.740	OZ1CFT OZ30EU OZ4P

SAC SSB 2024 SINGLE-OP CLASSIC

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OG6K	ALL	HIGH	CLASSIC	1521	3.565	225	802.125	
2	OH7K	ALL	HIGH	CLASSIC	1105	2.455	205	503.275	OH7MA
3	OG5B	ALL	HIGH	CLASSIC	1017	2.249	200	449.800	OH5BM
4	OH2PQ	ALL	HIGH	CLASSIC	988	2.201	183	402.783	
5	OH7JL	ALL	HIGH	CLASSIC	683	1.406	115	161.690	
6	OH4BCS	ALL	HIGH	CLASSIC	573	1.223	131	160.213	
7	OG2X	ALL	HIGH	CLASSIC	541	1.146	103	118.038	OH2RM
8	SG0M	ALL	HIGH	CLASSIC	275	590	72	42.480	SA0AQ
9	SM2CEW	ALL	HIGH	CLASSIC	244	508	69	35.052	
10	LA4ESA	ALL	HIGH	CLASSIC	244	493	64	31.552	
11	SM7L	ALL	HIGH	CLASSIC	122	275	61	16.775	SA7DNA
12	OH3NAQ	ALL	HIGH	CLASSIC	120	269	50	13.450	
13	W7WA	ALL	HIGH	CLASSIC	116	180	73	13.140	
14	DK9VA	ALL	HIGH	CLASSIC	119	119	54	6.426	
15	VK3GK	ALL	HIGH	CLASSIC	54	54	37	1.998	
16	KC3RRF	ALL	HIGH	CLASSIC	31	31	24	744	
17	E20AX	ALL	HIGH	CLASSIC	26	26	19	494	E21EIC

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
18	A61DQ	ALL	HIGH	CLASSIC	20	20	15	300	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SM6TOL	ALL	LOW	CLASSIC	442	922	106	97.732	
2	5B/OH9MM	ALL	LOW	CLASSIC	246	322	104	33.488	
3	DH0GDS	ALL	LOW	CLASSIC	211	211	91	19.201	
4	HB9GPG	ALL	LOW	CLASSIC	189	189	71	13.419	
5	PY2NY	ALL	LOW	CLASSIC	117	149	67	9.983	
6	PY2PLL	ALL	QRP	CLASSIC	130	130	60	7.800	
7	G0CMQ	ALL	LOW	CLASSIC	101	101	57	5.757	
8	DB4LL	ALL	LOW	CLASSIC	103	103	53	5.459	
9	OM6APR	ALL	LOW	CLASSIC	85	85	60	5.100	
10	HB9HIC	ALL	LOW	CLASSIC	99	99	51	5.049	
11	DN2LH	ALL	LOW	CLASSIC	129	129	39	5.031	
12	DG3NAB	ALL	LOW	CLASSIC	107	107	40	4.280	
13	OK1BR	ALL	LOW	CLASSIC	81	81	38	3.078	
14	OE6PJD	ALL	LOW	CLASSIC	64	64	40	2.560	
15	TA6B	ALL	LOW	CLASSIC	75	75	27	2.025	
16	JA2ULV	ALL	LOW	CLASSIC	53	55	30	1.650	
17	SM5VTP	ALL	LOW	CLASSIC	52	104	12	1.248	
18	M7CDJ	ALL	LOW	CLASSIC	41	41	24	984	
19	F4IYB	ALL	LOW	CLASSIC	36	36	24	864	
20	PU2TDB	ALL	LOW	CLASSIC	42	42	20	840	
21	PU4JOE	ALL	LOW	CLASSIC	39	39	19	741	
22	DM2DLG	ALL	LOW	CLASSIC	27	27	15	405	
23	LA3RNA	ALL	LOW	CLASSIC	14	31	10	310	
24	UT5ZL	ALL	LOW	CLASSIC	22	22	14	308	
25	DK5KF	ALL	LOW	CLASSIC	18	18	15	270	
26	DO6ZTB	ALL	LOW	CLASSIC	19	19	13	247	
27	W9TCV	ALL	LOW	CLASSIC	17	17	14	238	
28	PU3POE	ALL	LOW	CLASSIC	15	15	12	180	
29	OZ6AEV	ALL	LOW	CLASSIC	9	18	7	126	
30	TA6MMT	ALL	LOW	CLASSIC	10	10	8	80	
31	DK4HAA	ALL	LOW	CLASSIC	8	8	6	48	
32	IW2EPE	ALL	QRP	CLASSIC	5	5	5	25	
33	KI6KGC	ALL	LOW	CLASSIC	1	1	1	1	
34	VE2GT/9	ALL	LOW	CLASSIC	1	1	1	1	
35	EA6/EI8FDB	ALL	LOW	CLASSIC	0	0	0	0	

SAC SSB 2024 SINGLE-OP ROOKIE

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
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#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SA3MGL	ALL	HIGH	ROOKIE	710	1.491	121	180.411	
2	AD2HL	ALL	HIGH	ROOKIE	8	8	6	48	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	IN3JHZ	ALL	LOW	ROOKIE	252	252	97	24.444	
2	IN3JIO	ALL	LOW	ROOKIE	235	235	103	24.205	
3	HA5AX	ALL	LOW	ROOKIE	184	184	75	13.800	
4	IT9JKS	ALL	LOW	ROOKIE	162	162	65	10.530	
5	YO5GHI	ALL	LOW	ROOKIE	142	142	69	9.798	
6	HA3GC	ALL	LOW	ROOKIE	127	127	76	9.652	
7	EI9IRB	ALL	LOW	ROOKIE	95	95	77	7.315	
8	PY1WK	ALL	LOW	ROOKIE	118	146	49	7.154	
9	SP3FLY	ALL	LOW	ROOKIE	114	114	62	7.068	
10	HA6KG	ALL	LOW	ROOKIE	103	103	51	5.253	
11	DL1MER	ALL	LOW	ROOKIE	95	95	54	5.130	
12	DD0ML	ALL	LOW	ROOKIE	90	90	48	4.320	
13	SA6JOF	ALL	LOW	ROOKIE	42	86	25	2.150	
14	HJ3ESF	ALL	LOW	ROOKIE	48	62	25	1.550	
15	YT3ABW	ALL	LOW	ROOKIE	39	39	25	975	
16	F4JWW	ALL	LOW	ROOKIE	32	32	29	928	
17	S57ER	ALL	LOW	ROOKIE	29	29	20	580	
18	SA4UNA	ALL	LOW	ROOKIE	20	40	14	560	
19	DO3OI	ALL	QRP	ROOKIE	35	35	13	455	
20	DL6AF	ALL	LOW	ROOKIE	28	28	16	448	
21	DO1HEY	ALL	QRP	ROOKIE	37	37	11	407	
22	LB0HJ	ALL	LOW	ROOKIE	13	26	13	338	
23	SP1TP	ALL	LOW	ROOKIE	18	18	11	198	
24	S57ATF	ALL	LOW	ROOKIE	14	14	12	168	
25	OE8IHT	ALL	LOW	ROOKIE	12	12	11	132	
26	DM5XT	ALL	QRP	ROOKIE	10	10	5	50	
27	DM4SJ	ALL	LOW	ROOKIE	0	0	0	0	

SAC SSB 2024 SINGLE-OP TB-WIRES

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH6DX	ALL	HIGH	TB-WIRES	1391	3.107	213	661.791	
2	OH8K	ALL	HIGH	TB-WIRES	1100	2.427	204	495.108	OH8KXK
3	OH5GIO	ALL	HIGH	TB-WIRES	861	1.875	160	300.000	
4	SB7S	ALL	HIGH	TB-WIRES	810	1.731	151	261.381	
5	LA3S	ALL	HIGH	TB-WIRES	751	1.603	153	245.259	LA3BO
6	8S0C	ALL	HIGH	TB-WIRES	672	1.428	154	219.912	SM0MPV
7	8S8S	ALL	HIGH	TB-WIRES	680	1.442	127	183.134	SA5TIA

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
8	OH9GGY	ALL	HIGH	TB-WIRES	722	1.495	119	177.905	
9	SM2S	ALL	HIGH	TB-WIRES	747	1.565	113	176.845	
10	OG66X	ALL	HIGH	TB-WIRES	474	1.034	128	132.352	OH8WW
11	LA8OM	ALL	HIGH	TB-WIRES	498	1.044	93	97.092	
12	LZ6E	ALL	HIGH	TB-WIRES	455	455	156	70.980	LZ1GU
13	SC5C	ALL	HIGH	TB-WIRES	301	665	105	69.825	
14	SM6MVE	ALL	HIGH	TB-WIRES	336	692	99	68.508	
15	DG9SEH	ALL	HIGH	TB-WIRES	421	421	149	62.729	
16	PC0A	ALL	HIGH	TB-WIRES	391	391	144	56.304	
17	S51CK	ALL	HIGH	TB-WIRES	387	387	137	53.019	
18	G3SWC	ALL	HIGH	TB-WIRES	379	379	135	51.165	
19	M0MCV	ALL	HIGH	TB-WIRES	340	340	120	40.800	
20	LY5O	ALL	HIGH	TB-WIRES	204	204	110	22.440	
21	OK1OA	ALL	HIGH	TB-WIRES	206	206	102	21.012	
22	PA3GVQ	ALL	HIGH	TB-WIRES	165	165	67	11.055	
23	KU8E	ALL	HIGH	TB-WIRES	67	99	47	4.653	
24	F1PNJ	ALL	HIGH	TB-WIRES	56	56	45	2.520	
25	PY3LX	ALL	HIGH	TB-WIRES	50	50	27	1.350	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH7TO	ALL	LOW	TB-WIRES	508	1.078	119	128.282	
2	OH5FM	ALL	LOW	TB-WIRES	436	910	93	84.630	OH5KIZ
3	DL8HK	ALL	LOW	TB-WIRES	316	316	123	38.868	
4	OZ4NA	ALL	LOW	TB-WIRES	235	488	69	33.672	
5	OH8RA	ALL	LOW	TB-WIRES	235	481	61	29.341	
6	4U1A	ALL	LOW	TB-WIRES	247	247	94	23.218	OE1ZZZ
7	4Z5OI	ALL	LOW	TB-WIRES	145	235	81	19.035	
8	EA3DJL	ALL	LOW	TB-WIRES	186	186	95	17.670	
9	SM4LRA	ALL	LOW	TB-WIRES	176	368	47	17.296	
10	IK4OMU	ALL	QRP	TB-WIRES	217	217	78	16.926	
11	SK6L	ALL	LOW	TB-WIRES	155	321	52	16.692	
12	LC2F	ALL	LOW	TB-WIRES	147	300	54	16.200	LA2HFA
13	MM0PHG	ALL	LOW	TB-WIRES	172	172	72	12.384	
14	2E0PLA	ALL	LOW	TB-WIRES	138	138	76	10.488	
15	ES1TAR	ALL	LOW	TB-WIRES	136	136	72	9.792	
16	PY2IB	ALL	LOW	TB-WIRES	113	115	62	7.130	
17	IU0QDP	ALL	LOW	TB-WIRES	98	98	69	6.762	
18	LU1JHF	ALL	LOW	TB-WIRES	106	108	59	6.372	
19	BI1MCZ	ALL	LOW	TB-WIRES	109	111	53	5.883	
20	PA1BK	ALL	LOW	TB-WIRES	100	100	52	5.200	
21	LZ1MC	ALL	LOW	TB-WIRES	103	103	46	4.738	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
22	EA3OW	ALL	LOW	TB-WIRES	80	80	55	4.400	
23	SM6USS	ALL	LOW	TB-WIRES	50	116	35	4.060	
24	G0RAH	ALL	LOW	TB-WIRES	73	73	55	4.015	
25	PY4LH	ALL	LOW	TB-WIRES	80	80	45	3.600	
26	PA3KL	ALL	LOW	TB-WIRES	69	69	40	2.760	
27	G0WJK	ALL	LOW	TB-WIRES	63	63	40	2.520	
28	SM6EAT	ALL	LOW	TB-WIRES	58	117	21	2.457	
29	LA5CIA	ALL	LOW	TB-WIRES	42	85	23	1.955	
30	SM6FGN	ALL	LOW	TB-WIRES	32	71	23	1.633	SM4FGN
31	OH4MVH	ALL	QRP	TB-WIRES	35	77	21	1.617	
32	TA3EP	ALL	LOW	TB-WIRES	49	49	30	1.470	
33	SK100KTH	ALL	LOW	TB-WIRES	25	50	11	550	SA0MSM
34	DG4MCB	ALL	LOW	TB-WIRES	25	25	18	450	

SAC SSB 2024 SINGLE-OP WIRE-ONLY

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LC5C	ALL	HIGH	WIRE-ONLY	483	987	93	91.791	LA6KOA
2	LY1M	ALL	HIGH	WIRE-ONLY	180	180	80	14.400	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LC1P	ALL	LOW	WIRE-ONLY	530	1.086	120	130.320	LA1DSA
2	SK6BA	ALL	LOW	WIRE-ONLY	527	1.128	115	129.720	SM6TZL
3	PE1EWR	ALL	LOW	WIRE-ONLY	276	276	112	30.912	
4	EI8GP	ALL	LOW	WIRE-ONLY	248	248	110	27.280	
5	UZ1WW	ALL	LOW	WIRE-ONLY	206	206	98	20.188	
6	IW4CUG	ALL	LOW	WIRE-ONLY	214	214	88	18.832	
7	DH4PSG	ALL	LOW	WIRE-ONLY	172	172	89	15.308	
8	YL3GU	ALL	LOW	WIRE-ONLY	169	169	82	13.858	
9	OE2ROL	ALL	LOW	WIRE-ONLY	146	146	86	12.556	
10	GU0UVH	ALL	LOW	WIRE-ONLY	150	150	66	9.900	
11	OK1CBB	ALL	QRP	WIRE-ONLY	133	133	72	9.576	
12	PA2VS	ALL	LOW	WIRE-ONLY	152	152	56	8.512	
13	EA2WD	ALL	LOW	WIRE-ONLY	95	95	65	6.175	
14	OH2LH	ALL	LOW	WIRE-ONLY	84	170	30	5.100	
15	G0JDL	ALL	LOW	WIRE-ONLY	88	88	49	4.312	
16	DJ9MC	ALL	LOW	WIRE-ONLY	81	81	53	4.293	
17	EC4AA	ALL	QRP	WIRE-ONLY	85	85	50	4.250	
18	LA6LLA	ALL	LOW	WIRE-ONLY	63	127	32	4.064	
19	OU2V	ALL	QRP	WIRE-ONLY	48	98	30	2.940	OZ1FJB
20	DB4SCW	ALL	LOW	WIRE-ONLY	67	67	43	2.881	
21	DH9DX/P	ALL	LOW	WIRE-ONLY	73	73	35	2.555	

#	CALL	BAND	POWER	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
22	DF0FY	ALL	LOW	WIRE-ONLY	60	60	37	2.220	DJ0IF
23	SA4DHT	ALL	QRP	WIRE-ONLY	39	78	24	1.872	
24	DC6MT	ALL	LOW	WIRE-ONLY	54	54	33	1.782	
25	LB1LG	ALL	LOW	WIRE-ONLY	35	77	23	1.771	
26	DL9HB	ALL	LOW	WIRE-ONLY	53	53	33	1.749	
27	MM0INH	ALL	LOW	WIRE-ONLY	50	50	32	1.600	
28	OH6EI	ALL	LOW	WIRE-ONLY	33	68	22	1.496	
29	M7SQI	ALL	LOW	WIRE-ONLY	39	39	24	936	
30	OH3KRG	ALL	QRP	WIRE-ONLY	25	51	17	867	
31	SD1A	ALL	QRP	WIRE-ONLY	23	47	17	799	SM1TDE
32	EA8CYM	ALL	LOW	WIRE-ONLY	37	37	20	740	
33	YC5LCZ	ALL	LOW	WIRE-ONLY	16	48	12	576	
34	VK2COP	ALL	LOW	WIRE-ONLY	27	27	21	567	
35	DL3IAS/P	ALL	LOW	WIRE-ONLY	25	25	21	525	
36	N1ADX	ALL	LOW	WIRE-ONLY	23	23	20	460	
37	SM4EPR	ALL	LOW	WIRE-ONLY	15	32	13	416	
38	DC0AL	ALL	LOW	WIRE-ONLY	10	10	9	90	
39	LA1TPA	ALL	QRP	WIRE-ONLY	6	13	6	78	
40	K9JK	ALL	LOW	WIRE-ONLY	6	6	6	36	
41	CT1DDN	ALL	LOW	WIRE-ONLY	4	4	4	16	
42	K0VAA	ALL	LOW	WIRE-ONLY	2	2	2	4	
43	KF5KWO	ALL	LOW	WIRE-ONLY	2	2	2	4	
44	KW6SA	ALL	LOW	WIRE-ONLY	1	1	1	1	
45	WB8WUA	ALL	LOW	WIRE-ONLY	1	1	1	1	

SP3PDO Photo

I transmitted in the **SAC SSB** competition on HomeDrive, which means that the trx WOŁNA from wolna has been modified, only the housing inside the transmitting and receiving parts, the power supply and the power amplifier, the filters were made new, the synthesis was done on Arduino, the transmitter power is 100 watts,

op.
SP3TYJ Dariusz .



Contestloggers

- N1MM Logger <http://www.n1mm.com/>
- UcxLog by DL7UCX <http://www.ucxlog.org/>
- AATest by RZ4AG <http://www.aalog.com/>
- DXLog.net by 9A5K <http://www.dxlog.net/>
- GEN LOG by W3KM <http://www.qsl.net/w3km/>
- jLog by LA3HM <http://jlog.org/>
- Log4U by SM3CER/SM5NBE <http://www.sk3bg.se/contest/log4u.htm>
- Log4Win by UR5FCM <http://log4win.ucoz.net/>
- Lux-Log by LX1NO <http://luxlog.lx1no.info/>
- SD by EI5DI <http://www.ei5di.com/>
- TR by N6TR <http://www.trlog.com/>
- Wincontest by I8VKB <http://digilander.libero.it/wincontest/>
- WriteLog by W5XD <http://www.writelog.com/>
- RUMPed for Mac by DL2RUM <http://dl2rum.de/>

Remember to check for Rule changes before SAC !!

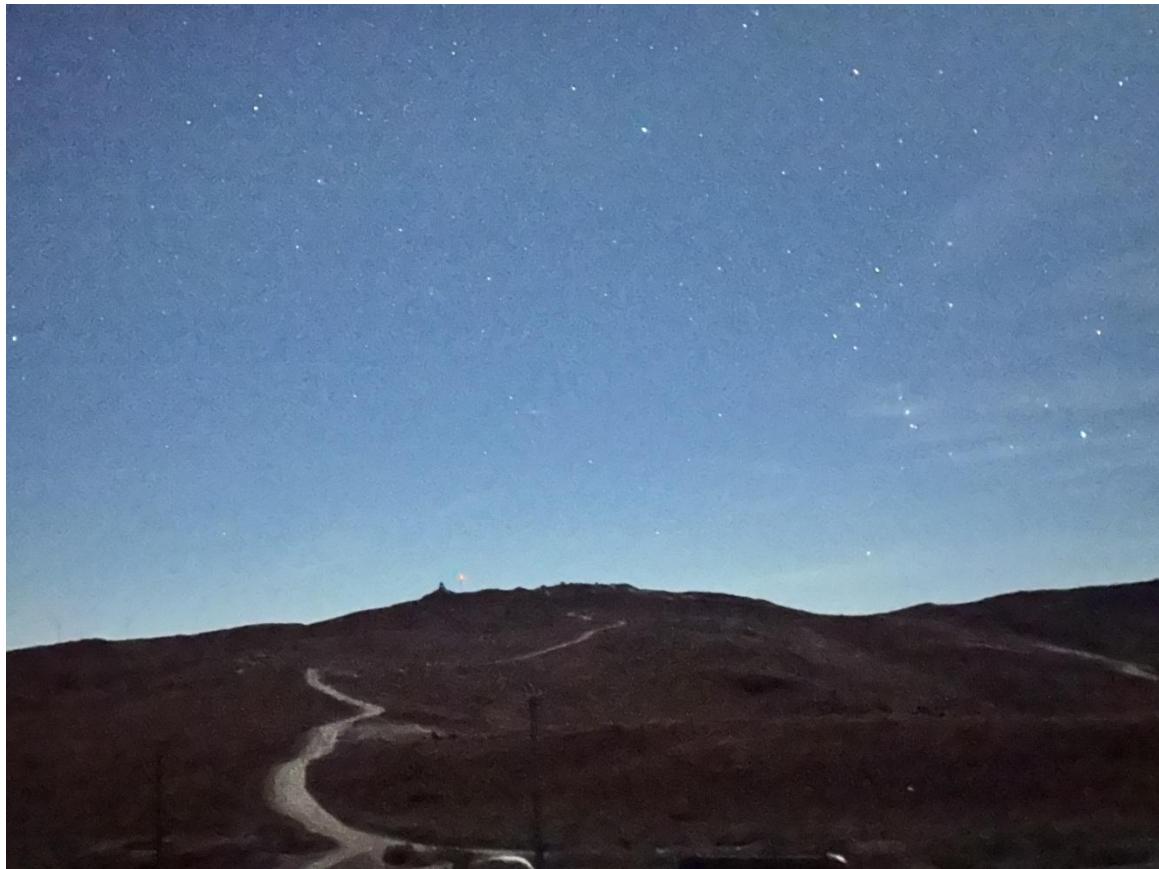
XP2I Photo



Sight from XP1AB Clubhouse – Black Ridge by night



XP1AB Station on “Black Ridge”, Kangerlussuaq, Greenland



**Homestation for many expeditions to Greenland
OX7YL - XP2I - OX7A - OX3HI - OX7AM - and many more . . .**



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<http://www.sactest.net>

Scandinavian Activity Contest 2025

CW: 20-21 September

SSB: 11-12 October