

9 PE1BQE	173	173	0	38	6574	9	SO ALL HIGH MIX	9 PE1BQE	160	160	13	37	5439	E	17%	9	0
10 PC4H	107	107	0	42	4494	10	SO ALL HIGH MIX	10 PC4H	100	100	7	41	3813	E	15%	10	0
11 PA0B	110	110	0	32	3520	11	SO ALL HIGH MIX	11 PA0B	107	107	3	32	3328	E	5%	11	0
12 PA3Z	72	72	0	26	1872	12	SO ALL HIGH MIX	12 PA3Z	68	68	4	22	1408	E	25%	12	0
13 PA3DCU	61	61	0	24	1464	13	SO ALL HIGH MIX	13 PA3DCU	59	59	2	24	1368	E	7%	13	0

SINGLE-O ALL	HIGH	SSB	SINGLE-OP				SINGLE-OI LL HIGH SSE										
Callsign	QSOs	Points	Penalts	Mults	Score		Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval ra	Delta	Rank
1 PH0AS	491	491	0	97	47627	1	SO ALL HIGH SSB	1 PH0AS	482	482	9	96	45408	E	5%	1	0
2 PA4JJ	475	475	0	98	46550	2	SO ALL HIGH SSB	2 PA4JJ	454	454	19	98	42630	E	8%	2	0
3 PE9GG	387	387	0	106	41022	3	SO ALL HIGH SSB	3 PE9GG	377	377	7	105	38850	E	5%	3	0
4 PA75AGF	416	416	0	93	38688	4	SO ALL HIGH SSB	4 PA75AGF	398	398	18	91	34580	E	11%	4	0
5 PA1BDO	326	326	0	61	19825	5	SO ALL HIGH SSB	5 PA1BDO	322	321	4	60	19020	E	4%	5	0
6 PE1LUB	245	245	0	59	14455	6	SO ALL HIGH SSB	6 PE1LUB	231	231	13	58	12644	E	13%	6	0
7 PA9S	190	190	0	59	11210	7	SO ALL HIGH SSB	7 PA9S	186	186	4	58	10556	E	6%	7	0
8 PA3WT	152	152	0	44	6688	8	SO ALL HIGH SSB	8 PA3WT	141	141	11	41	5330	E	20%	8	0
9 PA7WW	155	155	0	39	6045	9	SO ALL HIGH SSB	9 PA7WW	147	147	8	37	5143	E	15%	9	0
10 PE1HWO	154	154	0	35	5390	10	SO ALL HIGH SSB	10 PA3MM	118	118	2	43	4988	E	6%	11	-1
11 PA3MM	120	120	0	44	5280	11	SO ALL HIGH SSB	11 PE1HWO	142	142	11	35	4585	E	15%	10	-1
12 PA3ELQ	129	129	0	38	4902	12	SO ALL HIGH SSB	12 PE1RF	110	110	3	40	4280	E	8%	13	-1
13 PE1RF	113	113	0	41	4633	13	SO ALL HIGH SSB	13 PA3ELQ	122	122	6	36	4176	E	15%	12	-1
14 PA5KK	108	108	0	41	4428	14	SO ALL HIGH SSB	14 PA5KK	106	106	2	39	4056	E	8%	14	0
15 PA4GDR	105	105	0	32	3360	15	SO ALL HIGH SSB	15 PA4GDR	103	103	2	32	3232	E	4%	15	0
16 PA3AT	80	79	0	40	3160	16	SO ALL HIGH SSB	16 PA3AT	79	78	1	39	3003	E	5%	16	0
17 PA0SON	96	96	0	30	2880	17	SO ALL HIGH SSB	17 PA0SON	93	93	3	30	2700	E	6%	17	0
18 PA2CMWV	89	89	0	27	2403	18	SO ALL HIGH SSB	18 PA5KM	100	100	0	24	2400	E	0%	19	-1
19 PA5KM	100	100	0	24	2400	19	SO ALL HIGH SSB	19 PA2CMWV	81	81	8	27	1971	E	18%	18	-1
20 PA3HCA	52	52	0	23	1196	20	SO ALL HIGH SSB	20 PA3HCA	52	52	0	23	1196	E	0%	20	0
21 PE1BBY	53	53	0	22	1166	21	SO ALL HIGH SSB	21 PE1BBY	48	48	5	21	903	E	-23%	21	0
22 PA4DN	31	31	0	17	527	22	SO ALL HIGH SSB	22 PA4DN	31	31	0	17	527	E	0%	22	0
23 PA3BOM	28	28	0	17	476	23	SO ALL HIGH SSB	23 PA0DOM	38	38	1	11	407	E	5%	24	-1
23 PD3LPA	34	34	0	14	476	23	SO ALL HIGH SSB	24 PD3LPA	31	31	3	14	392	E	18%	23	-1
24 PA0DOM	39	39	0	11	429	24	SO ALL HIGH SSB	25 PA3DRZ	24	24	3	13	273	E	22%	25	0
25 PA3DRZ	27	27	0	13	351	25	SO ALL HIGH SSB	26 PA3BOM	23	23	5	14	252	E	47%	23	-3
26 PA7RL	27	26	0	10	260	26	SO ALL HIGH SSB	27 PA7RL	26	25	1	10	240	E	8%	26	-1
27 PD1HDV	7	6	0	5	30	27	SO ALL HIGH SSB	28 PD1HDV	3	2	2	2	0	E	100%	27	-1

SINGLE-O ALL	LOW	CW	SINGLE-OP				SINGLE-OI LL LOW CW										
Callsign	QSOs	Points	Penalts	Mults	Score		Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval ra	Delta	Rank
1 PA4O	1254	1254	0	153	191862	1	SO ALL LOW CW	1 PA4O	1231	1231	23	151	182408	E	5%	1	0
2 PA2PKZ	1067	1067	0	147	156849	2	SO ALL LOW CW	2 PA2PKZ	1043	1043	24	146	148774	E	5%	2	0
3 PA0JLS	1012	1012	0	146	147752	3	SO ALL LOW CW	3 PA0JLS	985	985	25	142	136320	E	8%	3	0
4 PA6T	1032	1032	0	138	142416	4	SO ALL LOW CW	4 PA6T	967	967	65	132	119064	E	16%	4	0
5 PA7LV	891	891	0	113	100683	5	SO ALL LOW CW	5 PA7LV	862	862	29	112	93296	E	7%	5	0
6 PA0TCA	711	711	0	123	87453	6	SO ALL LOW CW	6 PA0CMU	753	753	14	111	82029	E	4%	7	-1
7 PA0CMU	767	767	0	111	85137	7	SO ALL LOW CW	7 PA0TCA	686	686	25	121	79981	E	9%	6	-1
8 PA2RU	722	722	0	116	83752	8	SO ALL LOW CW	8 PA2RU	615	615	10	112	67760	E	5%	9	-1
9 PA2W	625	625	0	114	71250	9	SO ALL LOW CW	9 PA2RU	652	652	70	107	62274	E	28%	8	-1
10 PA3ARM	505	505	0	97	48985	10	SO ALL LOW CW	10 PA3ARM	495	495	10	96	46560	E	5%	10	0
11 PA0RBA	478	478	0	100	47800	11	SO ALL LOW CW	11 PA0RBA	459	459	18	98	43218	E	10%	11	0
12 PG2AA	524	524	0	87	45588	12	SO ALL LOW CW	12 PG2AA	497	497	26	84	39564	E	13%	12	0
13 PA4Y	460	460	0	94	43240	13	SO ALL LOW CW	13 PA4Y	440	440	20	91	38220	E	12%	13	0
14 PA1FP	550	550	0	77	42350	14	SO ALL LOW CW	14 PA3GCV	483	483	24	81	37179	E	12%	15	-1
15 PA3GCV	507	507	0	83	42081	15	SO ALL LOW CW	15 PA3EEG	454	454	9	81	36045	E	6%	16	-1
16 PA3EEG	464	464	0	83	38512	16	SO ALL LOW CW	16 PA1FP	518	518	32	74	35964	E	15%	14	-2
17 PA3ATN	445	445	0	86	38270	17	SO ALL LOW CW	17 PA8R	376	376	23	82	28946	E	14%	19	2
18 PA3DBS	431	427	0	84	38688	18	SO ALL LOW CW	18 PA3ATN	395	395	50	78	26910	E	30%	17	-1
19 PA8R	399	399	0	84	33516	19	SO ALL LOW CW	19 PA3ECJ	359	359	3	72	25632	E	2%	21	2
20 PA3BFH	374	374	0	70	26180	20	SO ALL LOW CW	20 PA3BFH	367	367	7	69	24840	E	5%	20	0
21 PA3ECJ	362	362	0	72	26064	21	SO ALL LOW CW	21 PA3DBS	376	372	56	76	24016	E	33%	18	-3
22 PA0SKP	305	303	0	70	21210	22	SO ALL LOW CW	22 PA4U	258	258	10	76	18848	E	9%	23	-1
23 PA4U	268	268	0	77	20636	23	SO ALL LOW CW	23 PG7V	254	254	8	66	16236	E	10%	25	2
24 PA0VAM	284	284	0	72	20448	24	SO ALL LOW CW	24 PA1MUC	304	304	9	55	16225	E	7%	26	2
25 PG7V	262	262	0	69	18078	25	SO ALL LOW CW	25 PA0SKP	273	271	32	67	16013	E	25%	22	-3
26 PA1MUC	313	313	0	56	17528	26	SO ALL LOW CW	26 PA0VLA	232	232	8	65	14560	E	7%	27	-1
27 PA0VLA	240	240	0	65	15600	27	SO ALL LOW CW	27 PA0VAM	241	241	43	65	12870	E	37%	24	-3
28 PA0VDV	260	260	0	45	11700	28	SO ALL LOW CW	28 PA0VDV	256	256	4	44	11088	E	5%	28	0
29 PA0SAN	184	184	0	58	10672	29	SO ALL LOW CW	29 PA0SAN	178	178	6	58	9976	E	7%	29	0
30 PA7JWC	202	202	0	52	10504	30	SO ALL LOW CW	30 PA7JWC	196	196	6	51	9690	E	8%	30	0
31 PG4I	200	200	0	52	10400	31	SO ALL LOW CW	31 PG4I	196	196	4	50	9600	E	8%	31	0
32 PA0XAW	174	174	0	48	8352	32	SO ALL LOW CW	32 PA0XAW	168	168	5	47	7661	E	8%	32	0
33 PA3GQD	140	140	0	48	6720	33	SO ALL LOW CW	33 PA3GQD	136	136	4	47	6204	E	8%	33	0
34 PA4RCA	166	166	0	40	6640	34	SO ALL LOW CW	34 PA4RCA	160	160	6	40	6160	E	7%	34	0
35 PA0DIN	119	119	0	55	6545	35	SO ALL LOW CW	35 PA0DIN	115	115	4	54	5994	E	8%	35	0
36 PF2X	165	165	0	39	6435	36	SO ALL LOW CW	36 PA0FAW	145	145	5	37	5180	E	7%	37	-1
37 PA0FAW	151	151	0	37	5587	37	SO ALL LOW CW	37 PF2X	151	151	14	37	5069	E	21%	36	-1
38 PA1CW	161	161	0	33	5313	38	SO ALL LOW CW	38 PA1CW	156	156	5	33	4983	E	6%	38	0
39 PC3T	131	131	0	40	5240	39	SO ALL LOW CW	39 PA0GRU	120	120	3	38	4446	E	7%	41	2
40 PA5JS	160	160	0	32	5120	40	SO ALL LOW CW	40 PC3T	122	122	9	39	4407	E	16%	39	-1
41 PA0GRU	123	123	0	39	4797	41	SO ALL LOW CW	41 PA5JS	143	143	17	31	3906	E	24%	40	-1
42 PC4Y	111	111	0	40	4440	42	SO ALL LOW CW	42 PA4DOC	107	107	2	34	3570	E	4%	45	3
43 PA4HQ	133	133	0	32	4256	43	SO ALL LOW CW	43 PA4HQ	124	124	9	31	3565	E	16%	43	0
44 PG3N	120	120	0	32	3840	44	SO ALL LOW CW	44 PC4Y	101	101	10	39	3549	E	20%	42	-2
45 PA4DOC	109	109	0	34	3706	45	SO ALL LOW CW	45 PG3N	116	116	4	31	3472	E	10%	44	-1
46 PA5GU	107	107	0	33	3531	46	SO ALL LOW CW	46 PA5GU	103	103	4	31	3069	E	13%	46	0
47 PA3BWK	118	118	0	26	3068	47	SO ALL LOW CW	47 PA3BWK	114	114	4	26	2860	E	7%	47	0
48 PB0ACU	66	66	0	25	1650	48	SO ALL LOW CW	48 PG8M	98	98	2	16	1536	E	4%	49	-1
49 PG8M	100	100	0	16	1600	49	SO ALL LOW CW	49 PB0ACU	62	62	4	25	1450	E	12%	48	-1
50 PA0INA	56	56	0	23	1288	50	SO ALL LOW CW	50 PA0INA	55	55	1	22	1188	E	8%	50	0
5																	

14	PE1RWL	152	152	0	57	8664	14	SO ALL LOW MIX	14	PA0MIR	146	146	3	53	7579	E	4%	17	-3
15	PA9G	165	165	0	52	8580	15	SO ALL LOW MIX	15	PA3HEN	161	161	32	58	7482	E	38%	10	-4
16	PE1RDP	153	153	0	53	8109	16	SO ALL LOW MIX	16	PE1RWL	143	143	9	53	7102	E	18%	14	-2
17	PA0MIR	149	149	0	53	7897	17	SO ALL LOW MIX	17	PE1RDP	140	140	13	47	5969	E	26%	16	-1
18	PA9CC	125	125	0	46	5750	18	SO ALL LOW MIX	18	PA0ORB	120	120	0	43	5160	E	0%	19	-1
19	PA0QRB	120	120	0	43	5160	19	SO ALL LOW MIX	19	PA9CC	120	120	5	44	5060	E	12%	18	-1
20	PC4C	108	108	0	44	4752	20	SO ALL LOW MIX	20	PA3GMM	105	105	4	38	3838	E	12%	22	-2
21	PA1PE	117	117	0	40	4680	21	SO ALL LOW MIX	21	PA1PE	109	109	8	37	3737	E	20%	21	0
22	PA3GMM	109	109	0	40	4360	22	SO ALL LOW MIX	22	PC4C	99	99	9	40	3600	E	24%	20	-2
23	PA2DKW	119	119	0	33	3927	23	SO ALL LOW MIX	23	PE1FJN	116	116	6	31	3410	E	13%	24	-1
24	PE1FJN	122	122	0	32	3904	24	SO ALL LOW MIX	24	PA2DKW	113	113	6	31	3317	E	16%	23	-1
25	PD7CJT	152	152	0	25	3800	25	SO ALL LOW MIX	25	PA1TX	94	94	6	35	3080	E	17%	26	-1
26	PA1TX	100	100	0	37	3700	26	SO ALL LOW MIX	26	PD7CJT	142	142	10	23	3036	E	20%	25	-1
27	PA3HCC	112	110	0	31	3410	27	SO ALL LOW MIX	27	PA3HCC	109	107	3	29	3016	E	12%	27	0
28	PA75CRX	96	96	0	32	3072	28	SO ALL LOW MIX	28	PA75CRX	94	94	2	31	2852	E	7%	28	0
29	PA1FJ	80	80	0	26	2080	29	SO ALL LOW MIX	29	PA1FJ	72	72	8	23	1472	E	29%	29	0
30	PA4T	48	48	0	31	1488	30	SO ALL LOW MIX	30	PA4T	47	47	1	30	1380	E	7%	30	0
31	PA9J	63	63	0	22	1386	31	SO ALL LOW MIX	31	PA3HGF	50	50	5	23	1035	E	22%	32	1
32	PA3HGF	55	55	0	24	1320	32	SO ALL LOW MIX	32	PA5P	41	41	1	25	1000	E	5%	34	2
33	PA3CVR	47	47	0	24	1128	33	SO ALL LOW MIX	33	PA3CVR	45	45	2	23	989	E	12%	33	0
34	PA5P	42	42	0	25	1050	34	SO ALL LOW MIX	34	PA9J	56	56	7	20	980	E	29%	31	-3
35	PD0WR	68	68	0	15	1020	35	SO ALL LOW MIX	35	PD0WR	65	65	3	15	930	E	9%	35	0
36	PA3HGP	51	51	0	19	969	36	SO ALL LOW MIX	36	PE1PIN	47	47	1	16	736	E	4%	38	2
37	PA0HPG	46	46	0	18	828	37	SO ALL LOW MIX	37	PA0HPG	43	43	3	16	640	E	23%	37	0
38	PE1PIN	48	48	0	16	768	38	SO ALL LOW MIX	38	PA3HGP	41	41	10	17	527	E	46%	36	-2
39	PA0PJE	27	27	0	18	486	39	SO ALL LOW MIX	39	PA0PJE	25	25	2	17	391	E	20%	39	0
40	PA2HD	30	30	0	13	390	40	SO ALL LOW MIX	40	PA2HD	29	29	1	13	364	E	7%	40	0
41	PA6ANT	27	27	0	12	324	41	SO ALL LOW MIX	41	PA6ANT	27	27	0	12	324	E	0%	41	0
42	PA3GNZ	15	15	0	11	165	42	SO ALL LOW MIX	42	PA3GNZ	15	15	0	11	165	E	0%	42	0
43	PE4WJ	15	15	0	6	90	43	SO ALL LOW MIX	43	PE4WJ	13	13	2	6	66	E	27%	43	0
44	PA2HBN	8	8	0	6	48	44	SO ALL LOW MIX	44	PA2HBN	4	4	4	2	0	E	100%	44	0
45	PD5RAY	12	12	0	3	36	45	SO ALL LOW MIX	45	PD5RAY	1	1	1	1	0	E	100%	45	1

SINGLE-O ALL					LOW	SSB	SINGLE-OP					SINGLE-O L L L LOW SSB									
Callsign	QSOs	Points	Penalts	Mults	Score		Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval	ra	Delta	Rank			
1	PE4BAS	465	465	0	97	45105	1	SO ALL LOW SSB	1	PE4BAS	453	453	10	95	42085	E	7%	1	0		
2	PA6CC	385	385	0	85	32725	2	SO ALL LOW SSB	2	PE1GRJ	376	376	4	79	29388	E	2%	3	-1		
3	PE1GRJ	380	380	0	79	30020	3	SO ALL LOW SSB	3	PA6CC	369	369	16	83	29299	E	10%	2	-1		
4	PF00T	351	351	0	73	25623	4	SO ALL LOW SSB	4	PF00T	342	342	9	72	23976	E	6%	4	0		
5	PA4EL	297	297	0	71	21087	5	SO ALL LOW SSB	5	PA4EL	294	294	3	69	20079	E	5%	5	0		
6	PA5VL	240	240	0	74	17760	6	SO ALL LOW SSB	6	PA5VL	236	236	4	74	17168	E	3%	6	0		
7	PB75A	240	240	0	57	13680	7	SO ALL LOW SSB	7	PB75A	232	232	8	55	12320	E	10%	7	0		
8	PA4R	198	198	0	54	10692	8	SO ALL LOW SSB	8	PA4R	195	195	3	53	10176	E	5%	8	0		
9	PA4HM	200	200	0	49	9800	9	SO ALL LOW SSB	9	PA4HM	193	193	7	47	8742	E	11%	9	0		
10	PE1OAD	180	180	0	48	8640	10	SO ALL LOW SSB	10	PA1H	170	170	2	47	7896	E	2%	11	1		
11	PA1H	172	172	0	47	8084	11	SO ALL LOW SSB	11	PE1OAD	175	175	5	45	7650	E	11%	10	-1		
12	PC9DB	133	133	0	46	6118	12	SO ALL LOW SSB	12	PC9DB	127	127	4	44	5412	E	12%	12	0		
13	PA2JT	132	132	0	44	5808	13	SO ALL LOW SSB	13	PE1EWR	138	138	0	39	5382	E	0%	16	3		
14	PA3GAG	136	136	0	42	5712	14	SO ALL LOW SSB	14	PA3JD	148	148	2	36	5256	E	3%	15	1		
15	PA3JD	150	150	0	36	5400	15	SO ALL LOW SSB	15	PA2JT	129	129	4	42	5250	E	10%	13	-2		
16	PB4PT	108	108	0	50	5400	16	SO ALL LOW SSB	16	PA3BQP	147	147	0	35	5145	E	0%	18	2		
17	PE1EWR	138	138	0	39	5382	17	SO ALL LOW SSB	17	PB4PT	105	105	3	49	4998	E	7%	15	-2		
18	PA3ECZ	137	137	0	38	5206	18	SO ALL LOW SSB	18	PA3ECZ	133	133	3	38	4940	E	5%	17	-1		
19	PA3BQP	147	147	0	35	5145	19	SO ALL LOW SSB	19	PA3GAG	127	127	9	40	4720	E	17%	14	-5		
20	PA3HHO	130	130	0	38	4940	20	SO ALL LOW SSB	20	PA3HHO	126	126	4	38	4636	E	6%	19	-1		
21	PA5AD	116	116	0	41	4756	21	SO ALL LOW SSB	21	PA5AD	113	113	1	40	4480	E	6%	20	-1		
22	PH7Y	131	131	0	35	4585	22	SO ALL LOW SSB	22	PH7Y	129	129	2	35	4445	E	3%	21	-1		
23	PA1RF	119	119	0	37	4403	23	SO ALL LOW SSB	23	PA3EKG	119	119	0	36	4284	E	0%	24	1		
24	PA3J	104	104	0	42	4368	24	SO ALL LOW SSB	24	PA3DB	125	125	0	34	4250	E	0%	25	1		
25	PA3EKG	119	119	0	36	4284	25	SO ALL LOW SSB	25	PA1RF	116	116	3	36	4068	E	8%	22	-3		
26	PA3DB	125	125	0	34	4250	26	SO ALL LOW SSB	26	PA3J	99	99	5	40	3760	E	14%	23	-3		
27	PA1HD	100	100	0	37	3700	27	SO ALL LOW SSB	27	PE1DUG	103	103	2	33	3333	E	4%	27	0		
28	PE1DUG	105	105	0	33	3465	28	SO ALL LOW SSB	28	PA1HD	94	94	5	36	3204	E	13%	26	-2		
29	PA3CBH	101	101	0	33	3333	29	SO ALL LOW SSB	29	PE1FTV	106	104	1	30	3090	E	2%	31	2		
30	PA3GHL	101	100	0	33	3300	30	SO ALL LOW SSB	30	PA2TIN	89	89	0	33	2937	E	0%	35	5		
31	PA5CA	85	85	0	38	3230	31	SO ALL LOW SSB	31	PA5CA	81	81	4	36	2772	E	14%	30	-1		
32	PE1FTV	107	105	0	30	3150	32	SO ALL LOW SSB	32	PA3GHL	94	93	7	31	2666	E	19%	29	-3		
33	PA0RBL	96	96	0	32	3072	33	SO ALL LOW SSB	33	PA3CBH	92	92	9	32	2656	E	20%	28	-5		
34	PE1PQS	81	81	0	37	2997	34	SO ALL LOW SSB	34	PA3ATZ	84	84	4	32	2560	E	9%	36	2		
35	PA9AD	95	95	0	31	2945	35	SO ALL LOW SSB	35	PA9AD	90	90	5	30	2550	E	13%	34	-1		
36	PA2TIN	89	89	0	33	2937	36	SO ALL LOW SSB	36	PE1PQS	75	75	6	36	2484	E	17%	33	-3		
37	PA3ATZ	88	88	0	32	2816	37	SO ALL LOW SSB	37	PA3CGJ	83	83	2	29	2349	E	5%	39	2		
38	PA3DNA	89	89	0	31	2759	38	SO ALL LOW SSB	38	PE1AJ	74	74	2	32	2304	E	12%	38	0		
39	PE1AJ	77	77	0	34	2618	39	SO ALL LOW SSB	39	PA3DNA	84	84	5	29	2291	E	17%	37	-2		
40	PA3CGJ	85	85	0	29	2465	40	SO ALL LOW SSB	40	PA0RBL	88	88	4	27	2268	E	26%	32	-8		
41	PA75N	87	87	0	28	2436	41	SO ALL LOW SSB	41	PA0LPN	81	81	4	27	2079	E	13%	41	0		
42	PA0LPN	85	85	0	28	2380	42	SO ALL LOW SSB	42	PA75N	82	82	5	27	2079	E	15%	40	-1		
43	PE1OFJ	78	78	0	29	2262	43	SO ALL LOW SSB	43	PA1OZU	84	84	2	25	2050	E	8%	43	1		
44	PA1OZU	86	86	0	26	2236	44	SO ALL LOW SSB	44	PE1OFJ	75	75	3	28	2016	E	11%	42	-1		
45	PA1EJO	73	73	0	29	2117	45	SO ALL LOW SSB	45	PA2RO	76	76	2	27	1998	E	5%	45	1		
46	PA2RO	78	78	0	27	2106	46	SO ALL LOW SSB	46	PE1ER	78	78	1	25	1925	E	3%	48	3		
47	PA0MRV	86	81	0	25	2025	47	SO ALL LOW SSB	47	PE1RWP	78	78	1	24	1848	E	3%	50	4		
48	PA7JH	72	72	0	28	2016	48	SO ALL LOW SSB	48	PA1EJO	70	70	3	27	1809	E	15%	44	-3		

76 PE2GER	42	42	0	19	798	76	SO ALL LOW SSB	76 PA0FIZ	47	47	5	15	630	E	19%	77	1
77 PA0FIZ	52	52	0	15	780	77	SO ALL LOW SSB	77 PD1ROS	42	42	3	16	624	E	18%	78	1
78 PA3MI	45	45	0	17	765	78	SO ALL LOW SSB	78 PA3DTR	42	42	7	17	595	E	36%	72	-6
79 PD1ROS	45	45	0	17	765	78	SO ALL LOW SSB	79 PD1TV	49	44	2	14	588	E	20%	79	0
79 PD1TV	51	46	0	16	736	79	SO ALL LOW SSB	80 PA1TO	39	39	0	15	585	E	0%	83	3
80 PA3NIK	43	43	0	17	731	80	SO ALL LOW SSB	81 PA1MOS	36	36	0	16	576	E	0%	84	3
81 PA5RM	39	39	0	18	702	81	SO ALL LOW SSB	82 PA3NIK	39	39	4	16	560	E	23%	80	-2
82 PA5PB	38	38	0	16	608	82	SO ALL LOW SSB	83 PA5PB	35	35	3	16	512	E	16%	82	-1
83 PA1TO	39	39	0	15	585	83	SO ALL LOW SSB	84 PA2PME	44	44	16	18	504	E	60%	62	-22
84 PA1MOS	36	36	0	16	576	84	SO ALL LOW SSB	84 PA7SWBP	36	36	0	14	504	E	0%	88	4
84 PB1S	36	36	0	16	576	84	SO ALL LOW SSB	85 PE1FBC	35	35	0	14	490	E	0%	89	4
85 PA3ALF	33	33	0	17	561	85	SO ALL LOW SSB	86 PB1S	33	33	3	16	480	E	17%	84	-2
86 PE1MJG	31	31	0	18	558	86	SO ALL LOW SSB	87 PA3ALF	31	31	2	16	464	E	17%	85	-2
87 PA3AYN	31	31	0	17	527	87	SO ALL LOW SSB	88 PE1MJG	29	29	2	17	459	E	18%	86	-2
88 PA7SWBP	36	36	0	14	504	88	SO ALL LOW SSB	89 PA3AYN	29	29	2	16	432	E	18%	87	-2
89 PE1FBC	35	35	0	14	490	89	SO ALL LOW SSB	90 PA2CVD	30	30	1	14	406	E	13%	90	0
90 PA2CVD	31	31	0	15	465	90	SO ALL LOW SSB	90 PH4E	31	31	2	14	406	E	12%	91	1
90 PD1LW	31	31	0	15	465	90	SO ALL LOW SSB	91 PA5RM	32	32	7	16	400	E	43%	81	-10
91 PH4E	33	33	0	14	462	91	SO ALL LOW SSB	92 PE1FRE	28	28	0	14	392	E	0%	95	3
92 PE2AAB	33	33	0	13	429	92	SO ALL LOW SSB	93 PC4D	25	25	0	15	375	E	0%	97	4
93 PA3EPO	31	30	0	14	420	93	SO ALL LOW SSB	94 PC1Y	25	24	1	16	368	E	8%	94	0
94 PC1Y	26	25	0	16	400	94	SO ALL LOW SSB	95 PA2MUL	31	31	1	12	360	E	6%	96	1
95 PE1FRE	28	28	0	14	392	95	SO ALL LOW SSB	96 PA1WES	27	27	0	13	351	E	0%	98	2
96 PA2MUL	32	32	0	12	384	96	SO ALL LOW SSB	97 PD1LW	28	28	3	14	350	E	25%	90	-7
97 PC4D	25	25	0	15	375	97	SO ALL LOW SSB	98 PE1OV5	27	27	2	12	300	E	14%	99	1
98 PA1WES	27	27	0	13	351	98	SO ALL LOW SSB	98 PE2AAB	29	29	4	12	300	E	30%	92	-6
99 PE1OV5	29	29	0	12	348	99	SO ALL LOW SSB	99 PE1BOL	28	28	1	11	297	E	7%	101	2
100 PA8D	24	24	0	14	336	100	SO ALL LOW SSB	100 PE1NBD	24	24	1	11	253	E	16%	103	3
101 PE1BOL	29	29	0	11	319	101	SO ALL LOW SSB	101 PG3R	20	20	2	14	252	E	18%	102	3
102 PG3R	22	22	0	14	308	102	SO ALL LOW SSB	102 PAORSM	34	34	3	8	248	E	16%	104	2
103 PE1NBD	25	25	0	12	300	103	SO ALL LOW SSB	103 PE1PIC	26	24	0	10	240	E	0%	106	3
104 PAORSM	37	37	0	8	296	104	SO ALL LOW SSB	104 PA3EPO	24	23	7	12	192	E	54%	93	-11
105 PAOLIE	24	24	0	11	264	105	SO ALL LOW SSB	105 PA1DI	22	22	1	9	189	E	9%	108	3
106 PE1PIC	26	24	0	10	240	106	SO ALL LOW SSB	106 PA4DO	16	16	1	12	180	E	12%	109	3
107 PE1IKN	19	19	0	12	228	107	SO ALL LOW SSB	106 PE1KN	17	17	2	12	180	E	21%	107	1
108 PA1DI	23	23	0	9	207	108	SO ALL LOW SSB	107 PC4K	16	16	0	10	160	E	0%	111	4
109 PA4DO	17	17	0	12	204	109	SO ALL LOW SSB	108 PA8D	19	19	5	11	154	E	54%	100	-8
110 PA3EER	18	18	0	9	162	110	SO ALL LOW SSB	109 PA1GS	15	15	0	9	135	E	0%	113	4
111 PC4K	16	16	0	10	160	111	SO ALL LOW SSB	110 PA3RIS	17	17	1	8	128	E	11%	112	2
112 PA3RIS	18	18	0	8	144	112	SO ALL LOW SSB	111 PAOLIE	19	19	5	8	112	E	58%	105	-6
113 PA1GS	15	15	0	9	135	113	SO ALL LOW SSB	112 PA3BNH	19	19	1	6	108	E	10%	114	2
114 PA3BNH	20	20	0	6	120	114	SO ALL LOW SSB	113 PA3RQR	14	14	0	7	98	E	0%	116	3
115 PA1VC	18	18	0	6	108	115	SO ALL LOW SSB	114 PA1VC	17	17	1	6	96	E	11%	115	1
116 PA3RQR	14	14	0	7	98	116	SO ALL LOW SSB	114 PA3EER	15	15	3	8	96	E	41%	110	-4
117 PE2TET	14	14	0	4	56	117	SO ALL LOW SSB	115 PE2TET	14	14	0	4	56	E	0%	117	2
118 PA3BDG	11	11	0	4	44	118	SO ALL LOW SSB	116 PA3BDG	11	11	0	4	44	E	0%	118	2
119 PE1GCB	10	10	0	3	30	119	SO ALL LOW SSB	117 PA3RW	9	9	0	2	18	E	0%	120	3
120 PA3RW	9	9	0	2	18	120	SO ALL LOW SSB	117 PE4KH	6	6	0	3	18	E	0%	120	3
120 PE4KH	6	6	0	3	18	120	SO ALL LOW SSB	118 PE1GCB	9	9	1	2	16	E	47%	119	1
121 PA1WBU	20	2	0	7	14	121	SO ALL LOW SSB	119 PA1WBU	20	2	0	7	14	E	0%	121	2
122 PA7CM	5	5	0	2	10	122	SO ALL LOW SSB	120 PA7CM	4	4	1	2	6	E	40%	122	2
123 PG3B	2	2	0	2	4	123	SO ALL LOW SSB	121 PG3B	2	2	0	2	4	E	0%	123	2
124 PA1BBO	1	1	0	1	1	124	SO ALL LOW SSB	122 PA1BBO	1	1	0	1	1	E	0%	124	2

SINGLE-O ALL MIXED SWL						SINGLE-OP						SINGLE-O LL MIXED SV														
Callsign	QSOs	Points	Penalts	Mults	Score	Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval ra	DeltaRank	Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval ra	DeltaRank	
1 NL9884	616	616	0	100	61600	1	SO ALL MIX SWL	1 NL9884	589	589	27	97	E	12%	1	0	1 NL9884	589	589	27	97	54514	E	12%	1	0
2 NL8992	246	246	0	86	21156	2	SO ALL MIX SWL	2 NL8992	219	219	27	75	E	32%	2	0	2 NL8992	219	219	27	75	14400	E	32%	2	0
3 NL13918	104	104	0	30	3120	3	SO ALL MIX SWL	3 NL13918	100	100	4	29	E	11%	3	0	3 NL13918	100	100	4	29	2784	E	11%	3	0
4 NL13759	59	59	0	8	472	4	SO ALL MIX SWL	4 NL13759	48	48	11	8	E	37%	4	0	4 NL13759	48	48	11	8	296	E	37%	4	0
5 NL294	27	27	0	16	432	5	SO ALL MIX SWL	5 NL294	22	22	5	15	E	41%	5	0	5 NL294	22	22	5	15	255	E	41%	5	0

SINGLE-O ALL QRP MIXED						SINGLE-OP						SINGLE-O LL QRP MIXE														
Callsign	QSOs	Points	Penalts	Mults	Score	Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval ra	DeltaRank	Callsign	QSOs	Points	Penalts	Mults	Score	P	Reduction	Pre-eval ra	DeltaRank	
1 PA2PCH	450	450	0	90	40500	1	SO ALL QRP MIXEI	1 PA2PCH	442	442	8	90	E	4%	1	0	1 PA2PCH	442	442	8	90	39060	E	4%	1	0
2 PA9CW	457	457	0	85	38845	2	SO ALL QRP MIXEI	2 PA9CW	423	423	34	85	E	15%	2	0	2 PA9CW	423	423	34	85	33065	E	15%	2	0
3 PA0YDE	213	213	0	70	14910	3	SO ALL QRP MIXEI	3 PA0YDE	204	204	9	67	E	12%	3	0	3 PA0YDE	204	204	9	67	13065	E	12%	3	0
4 PF5T	205	205	0	66	13530	4	SO ALL QRP MIXEI	4 PF5T	191	191	14	65	E	15%	4	0	4 PF5T	191	191	14	65	11505	E	15%	4	0
5 PE2K	160	160	0	55	8800	5	SO ALL QRP MIXEI	5 PE2K	147	147	13	52	E	21%	5	0	5 PE2K	147	147	13	52	6968	E	21%	5	0
6 PI4VLB	157	157	0	46	7222	6	SO ALL QRP MIXEI	6 PA0ZAV	143	143	8	46	E	12%	7	-1	6 PA0ZAV	143	143	8	46	6210	E	12%	7	-1
7 PA0ZAV	151	151	0	47	7097	7	SO ALL QRP MIXEI	7 PI4VLB	147	147	10	45	E	15%	6	-1	7 PI4VLB	147	147	10	45	6165	E	15%	6	-1
8 PA3GYK	155	155	0	30	4650	8	SO ALL QRP MIXEI	8 PA3FZV	102	102	3	43	E	8%	9	-1	8 PA3FZV	102	102	3	43	4257	E	8%	9	-1
9 PA3FZV	105	105	0	44	4620	9	SO ALL QRP MIXEI	9 PA3GYK	147	147	8	30	E	10%	8	-1	9 PA3GYK	147	147	8	30	4170	E	10%	8	-1
10 PA3EQU	60	60	0	21	1260	10	SO ALL QRP MIXEI	10 PA0AWH	56	56	0	18	E	0%	11	-1	10 PA0AWH	56	56	0	18	1008	E	0%	11	-1
11 PA0AWH	56	56	0	18	1008	11	SO ALL QRP MIXEI	11 PA3EQU	52	52	8	18	E	37%	10	-1	11 PA3EQU	52	52	8	18	792	E	37%	10	-1
12 PA7RA	50	50	0	14	700	12	SO ALL QRP MIXEI	12 PA7RA	48	48	2	14	E	8%	12	0	12 PA7RA	48	48	2	14	644	E	8%	12	0
13 PG3T	33	33	0	21	693	13	SO ALL QRP MIXEI	13 PE1JRP	38	38	1	16	E	11%	14	-1	13 PE1JRP	38	38	1	16	592	E	11%	14	-1
14 PE1JRP	39	39	0	17	663	14	SO ALL QRP MIXEI	14 PG3T	30	30	3	20	E	22%	13	-1	14 PG3T	30	30	3	20	540	E	22%	13	-1
15 PH2LB	34	34	0	16	544	15	SO ALL QRP MIXEI	15 PH2LB	33	33	1	16	E	6%	15	0	15 PH2LB	33	33	1	16	512	E	6%	15	0
16 PA5HE	31	31	0	13	403	16	SO ALL QRP MIXEI	16 PA5HE	30	30	1	13	E	6%	16	0	16 PA5HE	30	30	1	13	377	E	6%	16	0
17 PA1B	36	35	0	10	350	17	SO ALL QRP MIXEI	17 PA1B	30	29	6	10	E	34%	17	0	17 PA1B	30	29	6	10	230	E	34%	17	0
18 PA3FXB	29	29	0	8	232	18	SO ALL QRP MIXEI	18 PA3FXB	27																	

23 PD75BER	27	27	0	14	378	23	SO LIM MIXED NO\	22 PD1BHZ	29	29	0	12	348	E	0%	25	-3
24 PD4JLZ	36	36	0	10	360	24	SO LIM MIXED NO\	23 PD0EBS	33	33	2	11	341	E	25%	22	-1
25 PD1BHZ	29	29	0	12	348	25	SO LIM MIXED NO\	24 PD1ESL	28	28	0	9	252	E	0%	27	3
26 PD7H	30	30	0	10	300	26	SO LIM MIXED NO\	25 PD7H	28	28	2	9	234	E	22%	26	1
27 PD1ESL	28	28	0	9	252	27	SO LIM MIXED NO\	26 PD75BER	23	23	4	12	228	E	40%	23	-3
28 PD0RS	27	27	0	9	243	28	SO LIM MIXED NO\	27 PD0LFJ	23	22	4	8	144	E	38%	29	2
29 PD0LFJ	27	26	0	9	234	29	SO LIM MIXED NO\	27 PD0MNF/QR	18	18	0	8	144	E	0%	30	3
30 PD0MNF/QR	18	18	0	8	144	30	SO LIM MIXED NO\	28 PD0RS	23	23	4	6	114	E	53%	28	0
31 PD4L	19	19	0	7	133	31	SO LIM MIXED NO\	29 PD4L	16	16	3	7	91.0	E	32%	31	2
32 PD2B	15	15	0	7	105	32	SO LIM MIXED NO\	30 PD2B	12	12	3	6	54	E	49%	32	2
33 PD0WVB	13	13	0	4	52	33	SO LIM MIXED NO\	31 PD0WVB	12	12	1	4	44	E	15%	33	2
34 PD5URK	10	10	0	4	40	34	SO LIM MIXED NO\	32 PD5URK	10	10	0	4	40	E	0%	34	2
35 PD1ARV	7	7	0	4	28	35	SO LIM MIXED NO\	33 PD1ARV	7	7	0	4	28	E	0%	35	2