

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
CHECKLOG		4X1VF	0	0	0	0	
CHECKLOG		DK5SF	0	0	0	0	
CHECKLOG		DO6MEY	11	8	1	7	
CHECKLOG		EA7BEZ	49	49	0	25	
CHECKLOG		F4HTV	231	68	13	12	
CHECKLOG		F6KRK	282	281	6	93	
CHECKLOG		IT9OPR	0	0	0	0	
CHECKLOG		KM4IAJ	1	1	1	1	
CHECKLOG		KN6FKQ	0	0	1	0	
CHECKLOG		LY4T	226	219	3	71	
CHECKLOG		LZ1ZJ	87	87	0	24	
CHECKLOG		OK1FMJ	38	0	0	0	
CHECKLOG		OK29329	28	0	3	0	
CHECKLOG		OK2IW	0	0	0	0	
CHECKLOG		OK2OP	13	13	0	6	
CHECKLOG		OT1X	0	0	0	0	
CHECKLOG		RD4W/3	24	24	1	12	
CHECKLOG		SK5A	8	8	0	8	
CHECKLOG		SM0Q	144	143	1	37	
CHECKLOG		SM5LW	2	2	0	2	
CHECKLOG		SO5N	17	17	0	12	
CHECKLOG		SP7JPN	0	0	0	0	
CHECKLOG		VE6SYD	2	2	0	2	
CHECKLOG		YT7WA	0	0	0	0	
DISQUALIFIED	1	CR7BUJ	0	0	0	0	0
MULTI-OP ALL HIGH MIXED UNLIMITED	1	RN3BL	900	900	12	139	123432
MULTI-OP ALL HIGH MIXED UNLIMITED	2	KC1XX	777	774	20	137	103298
MULTI-OP ALL HIGH MIXED UNLIMITED	3	RK4HYT	282	281	8	99	27027
MULTI-OP ALL HIGH MIXED UNLIMITED	4	OK1FPS	262	262	7	69	17595
MULTI-OP ALL HIGH MIXED UNLIMITED	5	VE9ML	185	185	1	75	13800

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
MULTI-OP ALL HIGH MIXED UNLIMITED	6	US2YW	130	129	1	52	6656
MULTI-OP ALL HIGH MIXED UNLIMITED	7	R7TD	87	87	1	49	4214
MULTI-OP ALL HIGH MIXED UNLIMITED	8	RO1A	102	101	1	41	4100
MULTI-OP ALL HIGH MIXED UNLIMITED	9	RZ9L	107	107	2	38	3990
MULTI-OP ALL HIGH MIXED UNLIMITED	10	VA2WA	100	100	2	39	3822
MULTI-OP ALL HIGH MIXED UNLIMITED	11	DP7R	76	76	1	28	2100
MULTI-OP ALL HIGH MIXED UNLIMITED	12	N1SOH	33	33	0	21	693
MULTI-OP ALL HIGH MIXED UNLIMITED	13	RY6ZAB	30	30	0	23	690
MULTI-OP ALL HIGH MIXED UNLIMITED	14	R7FO	28	28	2	22	572
MULTI-OP ALL HIGH MIXED UNLIMITED	15	RK9CYA	35	35	6	12	348
MULTI-OP ALL HIGH MIXED UNLIMITED	16	OH2KI	18	18	2	11	176
SINGLE-OP 10M HIGH CW	1	LZ4TX	98	98	3	12	1140
SINGLE-OP 10M HIGH CW	2	UR4L	82	82	2	12	960
SINGLE-OP 10M HIGH CW	3	UA6EED	70	70	2	12	816
SINGLE-OP 10M HIGH CW	4	RA3AGF	64	63	2	12	732
SINGLE-OP 10M HIGH CW	5	RN6LG	62	56	1	11	605
SINGLE-OP 10M HIGH CW	6	RU6AX	60	49	2	12	564
SINGLE-OP 10M HIGH CW	7	UN7ZZ	25	25	0	8	200
SINGLE-OP 10M HIGH CW	8	OH4BCS	12	8	1	8	56
SINGLE-OP 10M HIGH CW	9	IT9RZU	4	4	0	3	12
SINGLE-OP 10M HIGH SSB	1	R3RZ	255	255	9	12	2952
SINGLE-OP 10M HIGH SSB	2	US8QQ	118	118	3	12	1380
SINGLE-OP 10M HIGH SSB	3	UA4ACP	82	82	1	12	972
SINGLE-OP 10M HIGH SSB	4	IT9NAN	39	39	2	12	444
SINGLE-OP 10M HIGH SSB	5	YD1SHY	25	22	0	12	264
SINGLE-OP 10M HIGH SSB	6	VE2GT	2	2	0	1	2
SINGLE-OP 10M HIGH SSB	7	YG1AFK	0	0	2	0	0
SINGLE-OP 15M HIGH CW	1	LZ1ND	145	145	2	12	1716
SINGLE-OP 15M HIGH CW	2	UA6LCN	114	114	3	12	1332
SINGLE-OP 15M HIGH CW	3	UA4FCO	109	109	1	12	1296

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 15M HIGH CW	4	EW1TO	97	97	2	12	1140
SINGLE-OP 15M HIGH CW	5	RC2P	92	92	1	12	1092
SINGLE-OP 15M HIGH CW	6	Z35F	83	83	1	12	984
SINGLE-OP 15M HIGH CW	7	RD6AY	85	84	0	11	924
SINGLE-OP 15M HIGH CW	8	OH3BCX	59	59	0	12	708
SINGLE-OP 15M HIGH CW	9	UA9FGJ	55	55	0	12	660
SINGLE-OP 15M HIGH CW	9	UT3QZ	57	57	2	12	660
SINGLE-OP 15M HIGH CW	10	R9MM	50	50	1	12	588
SINGLE-OP 15M HIGH CW	11	RA9MX	80	46	0	11	506
SINGLE-OP 15M HIGH CW	12	UA4HEZ	49	48	5	11	473
SINGLE-OP 15M HIGH CW	12	YO8DOH	45	43	0	11	473
SINGLE-OP 15M HIGH CW	13	JR6CSY	22	21	0	11	231
SINGLE-OP 15M HIGH CW	14	UY3AW	23	22	1	10	210
SINGLE-OP 15M HIGH CW	15	JG6OZC	17	17	0	9	153
SINGLE-OP 15M HIGH CW	16	PY2XL	19	15	1	7	98
SINGLE-OP 15M HIGH CW	17	JK8PBO	13	13	0	7	91
SINGLE-OP 15M HIGH CW	18	VU25EE	10	9	0	9	81
SINGLE-OP 15M HIGH CW	19	JE1JNJ	10	10	2	7	56
SINGLE-OP 15M HIGH CW	20	JA3XOG	10	10	1	6	54
SINGLE-OP 15M HIGH CW	21	JG1EIQ	7	7	0	5	35
SINGLE-OP 15M HIGH CW	22	JH6RON	5	5	0	4	20
SINGLE-OP 15M HIGH SSB	1	UZ7C	210	210	2	12	2496
SINGLE-OP 15M HIGH SSB	2	UA1AQA	166	166	1	12	1980
SINGLE-OP 15M HIGH SSB	3	OG6B	135	135	0	12	1620
SINGLE-OP 15M HIGH SSB	4	YL2LW	58	58	3	11	605
SINGLE-OP 15M HIGH SSB	5	W5QZ	15	15	1	7	98
SINGLE-OP 15M HIGH SSB	6	W6AFA	11	11	0	6	66
SINGLE-OP 15M HIGH SSB	7	YB2CZV	6	5	1	4	16
SINGLE-OP 15M HIGH SSB	8	DV1IIW	1	1	0	1	1
SINGLE-OP 160M HIGH CW	1	SN1T	43	43	1	11	462

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 160M HIGH CW	2	OK2SLS	27	27	2	12	300
SINGLE-OP 160M HIGH CW	3	UR5WMM	19	19	1	10	180
SINGLE-OP 160M HIGH CW	4	SP9MDY	7	7	0	6	42
SINGLE-OP 160M HIGH CW	5	OH1ZAA	2	2	0	2	4
SINGLE-OP 160M HIGH SSB	1	DL0EB	21	21	1	11	220
SINGLE-OP 20M HIGH CW	1	OK2BUT	123	123	1	12	1464
SINGLE-OP 20M HIGH CW	2	R3QA	109	109	1	12	1296
SINGLE-OP 20M HIGH CW	3	RZ4AG	105	105	0	12	1260
SINGLE-OP 20M HIGH CW	4	YP2R	99	99	1	12	1176
SINGLE-OP 20M HIGH CW	5	SP2FAP	96	95	5	12	1080
SINGLE-OP 20M HIGH CW	6	SP2KAC	91	91	2	12	1068
SINGLE-OP 20M HIGH CW	7	R7AT	88	88	1	12	1044
SINGLE-OP 20M HIGH CW	8	LY2MM	85	85	1	12	1008
SINGLE-OP 20M HIGH CW	9	HG8K	83	83	2	12	972
SINGLE-OP 20M HIGH CW	10	RN6A	80	80	3	12	924
SINGLE-OP 20M HIGH CW	11	EA5ITT	76	76	4	12	864
SINGLE-OP 20M HIGH CW	12	R1QF	84	79	2	11	847
SINGLE-OP 20M HIGH CW	13	UT3EV	256	72	4	12	816
SINGLE-OP 20M HIGH CW	14	LZ2MP	74	74	1	11	803
SINGLE-OP 20M HIGH CW	15	OH5ZA	59	59	1	11	638
SINGLE-OP 20M HIGH CW	16	9A3ND	44	44	0	12	528
SINGLE-OP 20M HIGH CW	17	UW7Q	48	48	5	12	516
SINGLE-OP 20M HIGH CW	18	K2SSS	44	42	1	12	492
SINGLE-OP 20M HIGH CW	19	LY2CO	43	43	0	11	473
SINGLE-OP 20M HIGH CW	20	SP6BEN	45	45	0	10	450
SINGLE-OP 20M HIGH CW	21	HA8TP	109	40	0	11	440
SINGLE-OP 20M HIGH CW	22	LZ4BU	37	37	0	11	407
SINGLE-OP 20M HIGH CW	23	R5FQ	37	37	2	11	385
SINGLE-OP 20M HIGH CW	24	YU1ML	35	35	3	12	384
SINGLE-OP 20M HIGH CW	25	UT7ZM	34	34	1	11	363

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 20M HIGH CW	26	CT1GFK	32	32	0	11	352
SINGLE-OP 20M HIGH CW	27	R1IV	35	34	1	10	330
SINGLE-OP 20M HIGH CW	28	IK0NOJ	25	25	2	10	230
SINGLE-OP 20M HIGH CW	29	R4WCN	18	18	2	9	144
SINGLE-OP 20M HIGH CW	29	YB7YGR	17	17	1	9	144
SINGLE-OP 20M HIGH CW	30	UA3SDN	15	15	1	10	140
SINGLE-OP 20M HIGH CW	31	YU5DMR	15	15	1	9	126
SINGLE-OP 20M HIGH CW	32	S59ZZ	13	13	0	8	104
SINGLE-OP 20M HIGH CW	33	LC2F	13	13	1	8	96
SINGLE-OP 20M HIGH CW	34	EA1WH	12	12	1	7	77
SINGLE-OP 20M HIGH CW	35	HA7RF	9	9	1	8	64
SINGLE-OP 20M HIGH CW	36	SP7BCA	12	12	5	9	63
SINGLE-OP 20M HIGH CW	37	HG7B	9	9	1	6	48
SINGLE-OP 20M HIGH CW	38	SV1ME	8	7	0	4	28
SINGLE-OP 20M HIGH CW	39	HG80EARTI	2	2	0	2	4
SINGLE-OP 20M HIGH SSB	1	EI9HX	296	296	5	12	3492
SINGLE-OP 20M HIGH SSB	2	IV3KKW	271	271	4	12	3204
SINGLE-OP 20M HIGH SSB	3	SP6DVP	240	240	2	12	2856
SINGLE-OP 20M HIGH SSB	4	EB1DJ	184	184	2	12	2184
SINGLE-OP 20M HIGH SSB	5	IK6LBT	174	174	0	12	2088
SINGLE-OP 20M HIGH SSB	6	YT5LD	179	179	7	12	2064
SINGLE-OP 20M HIGH SSB	7	YT5EM	155	155	4	12	1812
SINGLE-OP 20M HIGH SSB	8	YO9XC	149	149	7	12	1704
SINGLE-OP 20M HIGH SSB	9	9A3B	137	137	2	12	1620
SINGLE-OP 20M HIGH SSB	10	UF2F	134	134	1	12	1596
SINGLE-OP 20M HIGH SSB	11	IW0SAG	124	124	1	12	1476
SINGLE-OP 20M HIGH SSB	12	IW0HLZ	126	126	4	12	1464
SINGLE-OP 20M HIGH SSB	13	YO5OED	121	121	1	12	1440
SINGLE-OP 20M HIGH SSB	14	IZ5WTV	117	117	0	12	1404
SINGLE-OP 20M HIGH SSB	15	SP3FLY	109	109	1	12	1296

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 20M HIGH SSB	16	SQ9DXT	108	108	1	12	1284
SINGLE-OP 20M HIGH SSB	17	E77EA	126	102	2	12	1200
SINGLE-OP 20M HIGH SSB	18	IK4RVY	89	89	1	11	968
SINGLE-OP 20M HIGH SSB	19	OH6DVD	77	77	1	12	912
SINGLE-OP 20M HIGH SSB	20	8S8S	74	72	1	12	852
SINGLE-OP 20M HIGH SSB	21	SP2GTJ	76	75	5	12	840
SINGLE-OP 20M HIGH SSB	22	F1PNJ	71	71	2	12	828
SINGLE-OP 20M HIGH SSB	23	UA9CUA	69	69	6	12	756
SINGLE-OP 20M HIGH SSB	24	MM0WKY	62	62	0	11	682
SINGLE-OP 20M HIGH SSB	25	YB1RGK	64	56	5	12	612
SINGLE-OP 20M HIGH SSB	26	UA3BZ	55	50	0	12	600
SINGLE-OP 20M HIGH SSB	27	UR5ZHJ	48	48	3	12	540
SINGLE-OP 20M HIGH SSB	28	HA3FHH	34	34	0	11	374
SINGLE-OP 20M HIGH SSB	29	SP5TWA	36	36	1	10	350
SINGLE-OP 20M HIGH SSB	30	EA3F	27	26	0	10	260
SINGLE-OP 20M HIGH SSB	31	YO2LEL	24	24	0	10	240
SINGLE-OP 20M HIGH SSB	32	YU5C	24	23	0	10	230
SINGLE-OP 20M HIGH SSB	33	R4WC	20	20	0	11	220
SINGLE-OP 20M HIGH SSB	34	IZ1MHX	20	20	0	10	200
SINGLE-OP 20M HIGH SSB	35	OM8HG	19	19	0	9	171
SINGLE-OP 20M HIGH SSB	35	RA9AMO	22	22	3	9	171
SINGLE-OP 20M HIGH SSB	36	HG2UK	18	17	1	9	144
SINGLE-OP 20M HIGH SSB	36	R4WCZ	21	21	3	8	144
SINGLE-OP 20M HIGH SSB	37	IZ1BZV	14	14	1	8	104
SINGLE-OP 20M HIGH SSB	38	YO6PPX	13	13	0	6	78
SINGLE-OP 20M HIGH SSB	39	IK4VFB	13	13	0	5	65
SINGLE-OP 20M HIGH SSB	40	YU4INT	10	10	1	7	63
SINGLE-OP 20M HIGH SSB	41	SD9D	6	6	0	4	24
SINGLE-OP 20M HIGH SSB	42	IQ4RE	2	2	0	2	4
SINGLE-OP 20M HIGH SSB	42	IW0EZW	2	2	0	2	4

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 40M HIGH CW	1	SP3VT	140	140	4	12	1632
SINGLE-OP 40M HIGH CW	2	SP1C	126	126	1	12	1500
SINGLE-OP 40M HIGH CW	3	SP1AEN	191	107	1	12	1272
SINGLE-OP 40M HIGH CW	4	M4N	91	91	0	12	1092
SINGLE-OP 40M HIGH CW	5	DL2OM	99	99	9	12	1080
SINGLE-OP 40M HIGH CW	6	YU1ED	86	86	0	12	1032
SINGLE-OP 40M HIGH CW	7	S58D	81	81	2	12	948
SINGLE-OP 40M HIGH CW	8	OK7WW	75	75	3	12	864
SINGLE-OP 40M HIGH CW	9	DL4DTL	83	65	1	12	768
SINGLE-OP 40M HIGH CW	10	S52AW	66	66	4	12	744
SINGLE-OP 40M HIGH CW	11	UT5NC	59	59	1	12	696
SINGLE-OP 40M HIGH CW	12	YT7BW	58	58	1	12	684
SINGLE-OP 40M HIGH CW	13	LY2K	72	59	0	11	649
SINGLE-OP 40M HIGH CW	14	OH1QX	45	45	0	11	495
SINGLE-OP 40M HIGH CW	15	R7NK	40	40	0	12	480
SINGLE-OP 40M HIGH CW	16	OK2PDH	40	40	0	11	440
SINGLE-OP 40M HIGH CW	17	UX1VT	36	36	0	12	432
SINGLE-OP 40M HIGH CW	18	ON7XN	55	40	1	11	429
SINGLE-OP 40M HIGH CW	19	DL9ZP	30	30	0	11	330
SINGLE-OP 40M HIGH CW	20	DL2PR	29	29	1	11	308
SINGLE-OP 40M HIGH CW	21	OQ0T	25	25	0	11	275
SINGLE-OP 40M HIGH CW	22	9A6C	25	25	1	11	264
SINGLE-OP 40M HIGH CW	23	VA1MM	33	25	0	10	250
SINGLE-OP 40M HIGH CW	24	9A3SO	24	24	3	10	210
SINGLE-OP 40M HIGH CW	24	DL3TC	24	24	3	10	210
SINGLE-OP 40M HIGH CW	25	DH0GDS	21	21	1	10	200
SINGLE-OP 40M HIGH CW	25	OK1DJS	26	25	5	10	200
SINGLE-OP 40M HIGH CW	26	IK5OJB	19	19	1	10	180
SINGLE-OP 40M HIGH CW	27	YU5CDB	16	16	0	10	160
SINGLE-OP 40M HIGH CW	28	UI3A	13	13	0	8	104

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 40M HIGH CW	29	9A2VX	9	9	0	6	54
SINGLE-OP 40M HIGH CW	30	DL1TW	7	7	2	7	35
SINGLE-OP 40M HIGH CW	31	IZ5ZEB	3	3	0	3	9
SINGLE-OP 40M HIGH CW	31	PY7OJ	4	4	1	3	9
SINGLE-OP 40M HIGH SSB	1	DL4VAI	205	205	1	12	2448
SINGLE-OP 40M HIGH SSB	2	M1T	192	192	2	12	2280
SINGLE-OP 40M HIGH SSB	3	9A3CXJ	173	173	6	12	2004
SINGLE-OP 40M HIGH SSB	4	LX1FP	135	135	0	12	1620
SINGLE-OP 40M HIGH SSB	5	F4MAI	162	122	0	12	1464
SINGLE-OP 40M HIGH SSB	6	M1AQR	119	119	3	12	1392
SINGLE-OP 40M HIGH SSB	7	GU0UVH	79	79	0	12	948
SINGLE-OP 40M HIGH SSB	8	DR6R	72	72	1	12	852
SINGLE-OP 40M HIGH SSB	9	DL7AX	55	55	0	12	660
SINGLE-OP 40M HIGH SSB	10	DL2BBL	57	57	3	12	648
SINGLE-OP 40M HIGH SSB	11	ON5GM	59	59	1	11	638
SINGLE-OP 40M HIGH SSB	12	OH9COG	58	58	1	11	627
SINGLE-OP 40M HIGH SSB	13	DL9HB	53	53	2	12	612
SINGLE-OP 40M HIGH SSB	14	DK6VCO	55	43	0	12	516
SINGLE-OP 40M HIGH SSB	15	DL1DXF	36	36	0	12	432
SINGLE-OP 40M HIGH SSB	16	G6AD	40	40	1	11	429
SINGLE-OP 40M HIGH SSB	17	DM9JH	38	38	3	12	420
SINGLE-OP 40M HIGH SSB	18	DL2ACH	24	24	0	9	216
SINGLE-OP 40M HIGH SSB	19	SQ9NIU	13	13	0	7	91
SINGLE-OP 40M HIGH SSB	20	LY7X	10	10	0	6	60
SINGLE-OP 40M HIGH SSB	21	DG6SCP	4	4	0	3	12
SINGLE-OP 40M HIGH SSB	21	ER1BF	4	4	0	3	12
SINGLE-OP 80M HIGH CW	1	DM7X	114	114	1	12	1356
SINGLE-OP 80M HIGH CW	2	DL3ANK	91	91	4	12	1044
SINGLE-OP 80M HIGH CW	3	ON4PQ	80	80	3	12	924
SINGLE-OP 80M HIGH CW	4	OK1DOL	62	62	3	12	708

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP 80M HIGH CW	5	IV3EAD	59	59	1	11	638
SINGLE-OP 80M HIGH CW	6	SP4AWE	54	54	4	12	600
SINGLE-OP 80M HIGH CW	7	SP9HAX	50	50	3	12	564
SINGLE-OP 80M HIGH CW	8	EU1AI	41	41	2	12	468
SINGLE-OP 80M HIGH CW	9	SP1D	40	40	1	10	390
SINGLE-OP 80M HIGH CW	10	LY2OU	34	34	2	12	384
SINGLE-OP 80M HIGH CW	11	G4MEM	34	34	0	10	340
SINGLE-OP 80M HIGH CW	12	4Z4KX	30	30	1	11	319
SINGLE-OP 80M HIGH CW	13	OM0AS	29	29	1	11	308
SINGLE-OP 80M HIGH CW	14	SP9KJU	21	19	0	10	190
SINGLE-OP 80M HIGH CW	15	DK7JL	15	15	0	9	135
SINGLE-OP 80M HIGH CW	16	SP3PDO	12	10	0	5	50
SINGLE-OP 80M HIGH CW	17	F4HGU	57	1	0	1	1
SINGLE-OP 80M HIGH SSB	1	ON7USB	169	169	3	12	1992
SINGLE-OP 80M HIGH SSB	2	DP5N	119	112	6	12	1272
SINGLE-OP 80M HIGH SSB	3	OU8A	79	79	2	12	924
SINGLE-OP 80M HIGH SSB	4	M0MCV	70	70	3	11	737
SINGLE-OP 80M HIGH SSB	5	DO3TX	53	53	0	12	636
SINGLE-OP 80M HIGH SSB	6	F4ABI	48	48	1	12	564
SINGLE-OP 80M HIGH SSB	7	DF0KK	41	41	1	12	480
SINGLE-OP 80M HIGH SSB	8	SN9Y	37	35	3	12	384
SINGLE-OP 80M HIGH SSB	9	DD0ML	28	28	0	11	308
SINGLE-OP 80M HIGH SSB	10	OM6TX	23	23	1	9	198
SINGLE-OP 80M HIGH SSB	11	OM6MM	18	18	0	8	144
SINGLE-OP 80M HIGH SSB	12	HB0/HB9FX	12	12	0	7	84
SINGLE-OP 80M HIGH SSB	13	IZ3NVR	5	5	0	5	25
SINGLE-OP 80M HIGH SSB	14	OH3MHA	2	2	0	2	4
SINGLE-OP ALL HIGH CW	1	R6AF	463	463	7	70	31920
SINGLE-OP ALL HIGH CW	2	RD4F	458	458	12	71	31666
SINGLE-OP ALL HIGH CW	3	UA3LID	438	438	3	71	30885

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL HIGH CW	4	OG3B	385	385	3	70	26740
SINGLE-OP ALL HIGH CW	5	SO5O	371	371	8	70	25410
SINGLE-OP ALL HIGH CW	6	RL5A	326	326	7	66	21054
SINGLE-OP ALL HIGH CW	7	EW6FL	312	312	0	64	19968
SINGLE-OP ALL HIGH CW	8	RN5AA	328	328	6	59	18998
SINGLE-OP ALL HIGH CW	9	K1ZZ	306	306	2	60	18240
SINGLE-OP ALL HIGH CW	10	SP2QG	316	316	0	55	17380
SINGLE-OP ALL HIGH CW	11	R5DT	301	301	10	57	16587
SINGLE-OP ALL HIGH CW	12	LY5O	276	276	0	57	15732
SINGLE-OP ALL HIGH CW	13	R6NA	262	262	4	58	14964
SINGLE-OP ALL HIGH CW	14	LY6O	299	298	13	51	14535
SINGLE-OP ALL HIGH CW	15	RN6AT	291	291	8	48	13584
SINGLE-OP ALL HIGH CW	16	I2IFT	226	226	5	59	13039
SINGLE-OP ALL HIGH CW	17	RC9A	229	229	1	55	12540
SINGLE-OP ALL HIGH CW	18	RA3DNC	234	234	4	54	12420
SINGLE-OP ALL HIGH CW	19	YU1YV	256	254	5	49	12201
SINGLE-OP ALL HIGH CW	20	IK1PMR	210	210	2	57	11856
SINGLE-OP ALL HIGH CW	21	SQ6MIH	205	205	8	59	11623
SINGLE-OP ALL HIGH CW	22	R9AE	194	194	2	50	9600
SINGLE-OP ALL HIGH CW	23	LY1M	218	218	9	44	9196
SINGLE-OP ALL HIGH CW	24	R4WD	155	155	5	54	8100
SINGLE-OP ALL HIGH CW	25	YL3FT	169	169	2	48	8016
SINGLE-OP ALL HIGH CW	26	RN3TT	197	197	3	41	7954
SINGLE-OP ALL HIGH CW	27	VE3ZR	147	147	2	48	6960
SINGLE-OP ALL HIGH CW	28	NA8V	133	133	0	52	6916
SINGLE-OP ALL HIGH CW	29	NB1N	137	137	4	50	6650
SINGLE-OP ALL HIGH CW	30	R4BD	145	145	6	47	6533
SINGLE-OP ALL HIGH CW	31	HA5PP	122	122	1	53	6413
SINGLE-OP ALL HIGH CW	32	R4RJ	130	130	2	50	6400
SINGLE-OP ALL HIGH CW	33	R7TW	135	135	3	47	6204

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL HIGH CW	34	R9CX	159	159	2	39	6123
SINGLE-OP ALL HIGH CW	35	R4BZ	123	123	1	50	6100
SINGLE-OP ALL HIGH CW	36	UI7D	155	155	1	34	5236
SINGLE-OP ALL HIGH CW	37	EB5A	120	119	3	45	5220
SINGLE-OP ALL HIGH CW	38	VA3AR	117	117	4	45	5085
SINGLE-OP ALL HIGH CW	39	RT4M	127	127	0	39	4953
SINGLE-OP ALL HIGH CW	40	LY1DZ	147	147	3	34	4896
SINGLE-OP ALL HIGH CW	41	RA6L	118	118	2	42	4872
SINGLE-OP ALL HIGH CW	42	9A1AA	120	120	2	41	4838
SINGLE-OP ALL HIGH CW	43	M0TDW	141	141	1	32	4480
SINGLE-OP ALL HIGH CW	44	RD4A	122	122	1	35	4235
SINGLE-OP ALL HIGH CW	45	KG4W	94	94	1	44	4092
SINGLE-OP ALL HIGH CW	46	R1CI	152	152	6	27	3942
SINGLE-OP ALL HIGH CW	47	F6AUS	124	124	1	32	3936
SINGLE-OP ALL HIGH CW	48	SP9MZH	102	102	2	36	3600
SINGLE-OP ALL HIGH CW	49	UA9JO	114	114	1	31	3503
SINGLE-OP ALL HIGH CW	50	DL4JLM	100	100	1	35	3465
SINGLE-OP ALL HIGH CW	51	SP2XX	99	99	3	35	3360
SINGLE-OP ALL HIGH CW	52	F5SGI	92	92	3	37	3293
SINGLE-OP ALL HIGH CW	53	RK6FA	89	87	12	40	3000
SINGLE-OP ALL HIGH CW	53	RM2U	101	101	1	30	3000
SINGLE-OP ALL HIGH CW	54	OH1RX	103	103	3	29	2900
SINGLE-OP ALL HIGH CW	55	F8DFP	72	72	2	34	2380
SINGLE-OP ALL HIGH CW	56	N4RV	80	80	5	30	2250
SINGLE-OP ALL HIGH CW	57	F5PHY	76	76	2	27	1998
SINGLE-OP ALL HIGH CW	58	DK3AX	69	69	1	27	1836
SINGLE-OP ALL HIGH CW	59	DU3T	63	63	1	28	1736
SINGLE-OP ALL HIGH CW	60	OR5T	63	63	2	25	1525
SINGLE-OP ALL HIGH CW	61	SP4DNX	54	54	1	26	1378
SINGLE-OP ALL HIGH CW	62	RV6LN	47	47	2	29	1305

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL HIGH CW	63	VU2TMP	48	48	1	27	1269
SINGLE-OP ALL HIGH CW	64	W2QL	45	45	2	28	1204
SINGLE-OP ALL HIGH CW	65	OY1CT	46	46	0	24	1104
SINGLE-OP ALL HIGH CW	66	HA5E	51	51	0	19	969
SINGLE-OP ALL HIGH CW	67	K5RX	40	40	0	21	840
SINGLE-OP ALL HIGH CW	68	V51YJ	45	45	1	19	836
SINGLE-OP ALL HIGH CW	69	3W9MAE	33	33	0	23	759
SINGLE-OP ALL HIGH CW	70	DG0KS	40	40	0	17	680
SINGLE-OP ALL HIGH CW	71	OH7Z	39	37	10	25	675
SINGLE-OP ALL HIGH CW	72	VE7ZO	40	40	1	17	663
SINGLE-OP ALL HIGH CW	73	R6CS	50	50	6	12	528
SINGLE-OP ALL HIGH CW	74	YB2VSH	35	32	0	16	512
SINGLE-OP ALL HIGH CW	75	EA7GZQ	34	34	1	15	495
SINGLE-OP ALL HIGH CW	76	DK2LO	22	22	0	16	352
SINGLE-OP ALL HIGH CW	77	HS0ZME	23	23	2	16	336
SINGLE-OP ALL HIGH CW	78	ZD7BG	18	18	0	14	252
SINGLE-OP ALL HIGH CW	79	R4WBW	18	18	2	14	224
SINGLE-OP ALL HIGH CW	80	EA1X	19	18	1	10	170
SINGLE-OP ALL HIGH CW	81	RU6K	10	10	0	9	90
SINGLE-OP ALL HIGH CW	82	JQ3ALW	11	11	0	8	88
SINGLE-OP ALL HIGH CW	83	OZ7AM	10	10	0	8	80
SINGLE-OP ALL HIGH CW	84	K9MA	9	9	1	7	56
SINGLE-OP ALL HIGH CW	85	3B8HK	3	3	0	3	9
SINGLE-OP ALL HIGH MIXED	1	RM4F	837	837	15	142	116724
SINGLE-OP ALL HIGH MIXED	2	YL7X	757	756	6	138	103500
SINGLE-OP ALL HIGH MIXED	3	LY4L	787	787	9	117	91026
SINGLE-OP ALL HIGH MIXED	4	K1LZ	667	667	12	132	86460
SINGLE-OP ALL HIGH MIXED	5	HA7RY	694	694	18	114	77064
SINGLE-OP ALL HIGH MIXED	6	UA4PN	482	482	9	108	51084
SINGLE-OP ALL HIGH MIXED	7	YT5A	399	399	7	121	47432

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL HIGH MIXED	8	UA1ANA	425	425	1	100	42400
SINGLE-OP ALL HIGH MIXED	9	RK3DK	428	427	6	99	41679
SINGLE-OP ALL HIGH MIXED	10	OK2QA	379	379	10	74	27306
SINGLE-OP ALL HIGH MIXED	11	CT1IQI	339	339	5	79	26386
SINGLE-OP ALL HIGH MIXED	12	YU7KW	315	315	2	81	25353
SINGLE-OP ALL HIGH MIXED	13	DA1TT	229	229	17	117	24804
SINGLE-OP ALL HIGH MIXED	14	DF7CP	257	257	3	93	23622
SINGLE-OP ALL HIGH MIXED	15	J38TT	276	276	11	83	21995
SINGLE-OP ALL HIGH MIXED	16	IZ3GNG	273	273	6	80	21360
SINGLE-OP ALL HIGH MIXED	17	LY3CY	230	230	0	76	17480
SINGLE-OP ALL HIGH MIXED	18	EA5YU	216	216	3	82	17466
SINGLE-OP ALL HIGH MIXED	19	UZ7E	315	315	0	48	15120
SINGLE-OP ALL HIGH MIXED	20	ON/PC5A	138	138	6	76	10032
SINGLE-OP ALL HIGH MIXED	21	KM5G	156	156	2	61	9394
SINGLE-OP ALL HIGH MIXED	22	F5NBX	149	149	8	61	8601
SINGLE-OP ALL HIGH MIXED	23	R4AY	130	130	5	60	7500
SINGLE-OP ALL HIGH MIXED	24	RM4HZ	118	118	4	55	6270
SINGLE-OP ALL HIGH MIXED	25	SP3FSM	103	103	5	56	5488
SINGLE-OP ALL HIGH MIXED	26	HA8KIF	110	110	2	44	4752
SINGLE-OP ALL HIGH MIXED	27	WA2JQK	86	86	10	53	4028
SINGLE-OP ALL HIGH MIXED	28	F4FMU	116	116	6	31	3410
SINGLE-OP ALL HIGH MIXED	29	F5MNC	165	165	5	18	2880
SINGLE-OP ALL HIGH MIXED	30	RA0AY	76	76	1	36	2700
SINGLE-OP ALL HIGH MIXED	31	IK4WKU	104	104	1	24	2472
SINGLE-OP ALL HIGH MIXED	32	UN6GK	60	60	0	40	2400
SINGLE-OP ALL HIGH MIXED	33	DR6W	58	58	2	39	2184
SINGLE-OP ALL HIGH MIXED	34	EW1FM	60	60	0	33	1980
SINGLE-OP ALL HIGH MIXED	35	DL5YL	59	59	1	33	1914
SINGLE-OP ALL HIGH MIXED	36	SP1JQJ	77	77	2	22	1650
SINGLE-OP ALL HIGH MIXED	37	LY2AX	51	51	3	32	1536

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL HIGH MIXED	38	R4WCQ	49	49	1	28	1344
SINGLE-OP ALL HIGH MIXED	39	RA1ZZ/3	53	53	2	26	1326
SINGLE-OP ALL HIGH MIXED	40	UB4WDC	45	45	0	27	1215
SINGLE-OP ALL HIGH MIXED	41	UB4WDD	44	44	6	30	1140
SINGLE-OP ALL HIGH MIXED	42	LY7M	55	55	2	21	1113
SINGLE-OP ALL HIGH MIXED	43	DB8LM	42	42	1	19	779
SINGLE-OP ALL HIGH MIXED	44	UB4WCW	26	26	3	20	460
SINGLE-OP ALL HIGH MIXED	45	LY2CX	27	27	2	16	400
SINGLE-OP ALL HIGH MIXED	46	R8CI	21	21	1	19	380
SINGLE-OP ALL HIGH MIXED	47	RK4W	25	25	3	16	352
SINGLE-OP ALL HIGH MIXED	48	K0IP	21	21	0	15	315
SINGLE-OP ALL HIGH MIXED	49	DN4AN	22	22	3	16	304
SINGLE-OP ALL HIGH MIXED	50	R4WCP	20	20	1	15	285
SINGLE-OP ALL HIGH MIXED	51	R4WAX	20	20	0	13	260
SINGLE-OP ALL HIGH MIXED	51	R4WCA	20	20	0	13	260
SINGLE-OP ALL HIGH MIXED	52	UB4WCY	19	19	1	14	252
SINGLE-OP ALL HIGH MIXED	53	R4WBV	18	18	2	15	240
SINGLE-OP ALL HIGH MIXED	54	UB4WCP	19	19	1	13	234
SINGLE-OP ALL HIGH MIXED	55	K5UV	17	17	1	13	208
SINGLE-OP ALL HIGH MIXED	55	TK4TH	16	16	0	13	208
SINGLE-OP ALL HIGH MIXED	56	UB4WCV	17	17	3	11	154
SINGLE-OP ALL HIGH MIXED	57	N1CFO	6	6	0	6	36
SINGLE-OP ALL HIGH MIXED	57	YB1CMZ	6	6	0	6	36
SINGLE-OP ALL HIGH MIXED	58	R4WX	3	3	0	3	9
SINGLE-OP ALL HIGH SSB	1	RW1F	736	736	5	69	50439
SINGLE-OP ALL HIGH SSB	2	RW1A	509	507	4	58	29174
SINGLE-OP ALL HIGH SSB	3	RT1S	394	383	8	59	22125
SINGLE-OP ALL HIGH SSB	4	VE9CF	365	365	4	57	20577
SINGLE-OP ALL HIGH SSB	5	RD5R	419	419	9	47	19270
SINGLE-OP ALL HIGH SSB	6	DK1RU	335	335	15	40	12800

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL HIGH SSB	7	SV3RPQ	417	363	9	36	12744
SINGLE-OP ALL HIGH SSB	8	RA9V	291	291	13	43	11954
SINGLE-OP ALL HIGH SSB	9	RZ9WU	223	220	7	46	9798
SINGLE-OP ALL HIGH SSB	10	F5AAR	234	234	3	35	8085
SINGLE-OP ALL HIGH SSB	11	G3Q	181	181	4	33	5841
SINGLE-OP ALL HIGH SSB	12	F4GTT	153	153	4	38	5662
SINGLE-OP ALL HIGH SSB	13	OE3BHM	111	111	0	44	4884
SINGLE-OP ALL HIGH SSB	14	RA9SDT	149	149	3	32	4672
SINGLE-OP ALL HIGH SSB	15	RW3DU	183	183	7	24	4224
SINGLE-OP ALL HIGH SSB	16	UA3YCZ	163	163	10	27	4131
SINGLE-OP ALL HIGH SSB	17	OM4KK	164	164	3	23	3703
SINGLE-OP ALL HIGH SSB	18	OH2GBA	131	131	4	28	3556
SINGLE-OP ALL HIGH SSB	19	LC5C	104	104	1	31	3193
SINGLE-OP ALL HIGH SSB	20	RC1W	95	95	4	34	3094
SINGLE-OP ALL HIGH SSB	21	R8UT	94	94	1	25	2325
SINGLE-OP ALL HIGH SSB	22	SM5YRA	72	72	6	22	1452
SINGLE-OP ALL HIGH SSB	23	F4GLK	87	87	6	16	1296
SINGLE-OP ALL HIGH SSB	23	OH1TD	50	50	2	27	1296
SINGLE-OP ALL HIGH SSB	24	DL9ECA	43	43	0	22	946
SINGLE-OP ALL HIGH SSB	25	SO9I	18	18	0	10	180
SINGLE-OP ALL HIGH SSB	26	WP3UX	14	14	0	12	168
SINGLE-OP ALL HIGH SSB	27	ZS2ABE	14	14	1	7	91
SINGLE-OP ALL HIGH SSB	28	KA2G	10	10	0	5	50
SINGLE-OP ALL HIGH SSB	29	ON8AH	3	3	0	3	9
SINGLE-OP ALL LOW CW	1	SM7GVF	343	343	3	69	23460
SINGLE-OP ALL LOW CW	2	UA3MIF	295	295	2	70	20510
SINGLE-OP ALL LOW CW	3	R6CC	364	278	2	65	17940
SINGLE-OP ALL LOW CW	4	EA7/PA5JF	278	278	5	56	15288
SINGLE-OP ALL LOW CW	5	YO4FHU	220	220	1	63	13797
SINGLE-OP ALL LOW CW	6	RK3P	244	244	2	57	13794

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	7	SN5J	280	280	5	50	13750
SINGLE-OP ALL LOW CW	8	R4CF	266	266	7	53	13727
SINGLE-OP ALL LOW CW	9	RZ9AM	232	232	1	55	12705
SINGLE-OP ALL LOW CW	10	RU4LM	234	234	5	55	12595
SINGLE-OP ALL LOW CW	11	DL5JQ	202	202	4	63	12474
SINGLE-OP ALL LOW CW	12	ZA1RR	188	188	1	65	12155
SINGLE-OP ALL LOW CW	13	UA6YH	210	210	0	56	11760
SINGLE-OP ALL LOW CW	14	YR8R	270	269	6	44	11572
SINGLE-OP ALL LOW CW	15	UA6AK	228	228	6	47	10434
SINGLE-OP ALL LOW CW	16	UW5IM	217	216	5	48	10128
SINGLE-OP ALL LOW CW	17	OH3MZ	217	217	3	47	10058
SINGLE-OP ALL LOW CW	18	UA6LCJ	198	198	1	49	9653
SINGLE-OP ALL LOW CW	19	YU1AT	199	199	1	48	9504
SINGLE-OP ALL LOW CW	20	EW6EW	217	217	8	45	9405
SINGLE-OP ALL LOW CW	21	UR3QX	180	180	3	51	9027
SINGLE-OP ALL LOW CW	22	UA6HFI	199	199	3	45	8820
SINGLE-OP ALL LOW CW	23	UA3T	161	161	2	55	8745
SINGLE-OP ALL LOW CW	24	UY7RR	172	172	3	51	8619
SINGLE-OP ALL LOW CW	25	SM5/UY5O	190	190	3	46	8602
SINGLE-OP ALL LOW CW	26	HA5UA	191	191	1	45	8550
SINGLE-OP ALL LOW CW	27	UA3RBR	196	196	9	44	8228
SINGLE-OP ALL LOW CW	28	UT4NY	177	177	3	45	7830
SINGLE-OP ALL LOW CW	29	HA3LN	173	173	2	45	7695
SINGLE-OP ALL LOW CW	30	SF6W	198	198	2	39	7644
SINGLE-OP ALL LOW CW	31	LZ2CH	169	169	1	45	7560
SINGLE-OP ALL LOW CW	32	SA2OLM	183	182	7	43	7525
SINGLE-OP ALL LOW CW	33	UA4AF	169	169	1	44	7392
SINGLE-OP ALL LOW CW	34	UD6M	164	164	0	45	7380
SINGLE-OP ALL LOW CW	35	EW2R	165	163	4	46	7314
SINGLE-OP ALL LOW CW	36	UR7MZ	128	128	2	58	7308

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	37	TA2DA	152	152	1	46	6946
SINGLE-OP ALL LOW CW	38	UA3XFO	167	167	3	42	6888
SINGLE-OP ALL LOW CW	39	LZ2PS	147	147	5	48	6816
SINGLE-OP ALL LOW CW	40	DL1DQW	148	148	2	45	6570
SINGLE-OP ALL LOW CW	41	LC5A	141	141	5	47	6392
SINGLE-OP ALL LOW CW	42	YO4AAC	136	136	0	45	6120
SINGLE-OP ALL LOW CW	43	EU7X	126	126	1	47	5875
SINGLE-OP ALL LOW CW	44	OK1OA	147	147	1	40	5840
SINGLE-OP ALL LOW CW	45	S57X	159	159	2	36	5652
SINGLE-OP ALL LOW CW	46	UA1ZZ	147	147	10	40	5480
SINGLE-OP ALL LOW CW	47	EU2M	140	140	8	41	5412
SINGLE-OP ALL LOW CW	47	R6CW	138	137	5	41	5412
SINGLE-OP ALL LOW CW	48	DL8WAA	139	139	1	39	5382
SINGLE-OP ALL LOW CW	49	HA7RJA	123	123	0	42	5166
SINGLE-OP ALL LOW CW	50	VE3VN	103	103	0	49	5047
SINGLE-OP ALL LOW CW	51	G3ZGC	124	124	1	41	5043
SINGLE-OP ALL LOW CW	52	OH1NDA	120	120	3	42	4914
SINGLE-OP ALL LOW CW	53	EU6RO	139	139	1	35	4830
SINGLE-OP ALL LOW CW	54	S51RW	135	135	12	39	4797
SINGLE-OP ALL LOW CW	55	CT1DRB	139	139	0	34	4726
SINGLE-OP ALL LOW CW	56	GM4JYB	114	114	3	42	4662
SINGLE-OP ALL LOW CW	57	RA3FY	138	138	2	33	4488
SINGLE-OP ALL LOW CW	58	EV6Z	144	144	0	31	4464
SINGLE-OP ALL LOW CW	59	UD8A	117	117	3	39	4446
SINGLE-OP ALL LOW CW	60	DL1VDL	104	104	1	43	4429
SINGLE-OP ALL LOW CW	61	K1VUT	97	97	3	47	4418
SINGLE-OP ALL LOW CW	62	DL5CL	122	122	3	37	4403
SINGLE-OP ALL LOW CW	63	RA4CL	116	116	1	38	4370
SINGLE-OP ALL LOW CW	64	DA2D	105	105	4	43	4343
SINGLE-OP ALL LOW CW	65	RK2M	90	90	2	49	4312

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	66	SM5IMO	124	124	0	34	4216
SINGLE-OP ALL LOW CW	67	IZ5AHB	104	104	3	41	4141
SINGLE-OP ALL LOW CW	68	DK3YD	112	112	1	37	4107
SINGLE-OP ALL LOW CW	69	UT6ER	104	104	0	39	4056
SINGLE-OP ALL LOW CW	70	F6DCQ	122	122	1	33	3993
SINGLE-OP ALL LOW CW	71	UD3B	100	100	1	40	3960
SINGLE-OP ALL LOW CW	72	DL8WN	117	117	0	33	3861
SINGLE-OP ALL LOW CW	73	OK2GU	99	99	3	40	3840
SINGLE-OP ALL LOW CW	74	DL6KWN	117	117	1	33	3828
SINGLE-OP ALL LOW CW	75	LY2YM	113	113	5	35	3780
SINGLE-OP ALL LOW CW	76	OK2BFN	118	118	1	32	3744
SINGLE-OP ALL LOW CW	77	ES3RF	101	101	4	38	3686
SINGLE-OP ALL LOW CW	78	YT1XC	98	98	2	38	3648
SINGLE-OP ALL LOW CW	79	OH7MFO	109	109	2	34	3638
SINGLE-OP ALL LOW CW	80	UG4A	108	108	0	33	3564
SINGLE-OP ALL LOW CW	81	F5JU	99	99	1	36	3528
SINGLE-OP ALL LOW CW	82	LY2A	130	130	1	27	3483
SINGLE-OP ALL LOW CW	83	SC6O	108	108	3	33	3465
SINGLE-OP ALL LOW CW	84	DL3KWF	88	88	2	40	3440
SINGLE-OP ALL LOW CW	85	UT7CR	110	110	1	31	3379
SINGLE-OP ALL LOW CW	86	OH7CW	120	120	4	29	3364
SINGLE-OP ALL LOW CW	87	EI2KA	115	113	5	31	3348
SINGLE-OP ALL LOW CW	88	RA4NCC	101	101	3	34	3332
SINGLE-OP ALL LOW CW	89	DJ0MDR	115	115	5	30	3300
SINGLE-OP ALL LOW CW	90	IZ4DYX	101	101	5	34	3264
SINGLE-OP ALL LOW CW	91	IK5MEP	112	112	1	29	3219
SINGLE-OP ALL LOW CW	92	S50DK	96	96	2	34	3196
SINGLE-OP ALL LOW CW	93	9A3SM	98	98	2	33	3168
SINGLE-OP ALL LOW CW	93	RW0AJ	98	98	2	33	3168
SINGLE-OP ALL LOW CW	94	UA4SN	98	98	1	32	3104

Category	Place	Callsign	QSOs	Points	Penaltns	Mults	Score
SINGLE-OP ALL LOW CW	95	R8WO	100	100	1	31	3069
SINGLE-OP ALL LOW CW	95	UR5CC	102	102	3	31	3069
SINGLE-OP ALL LOW CW	96	HA3HO	112	112	3	28	3052
SINGLE-OP ALL LOW CW	97	IU0PJS	90	90	4	35	3010
SINGLE-OP ALL LOW CW	98	OK5SA	88	88	1	34	2958
SINGLE-OP ALL LOW CW	99	S58MU	86	86	0	34	2924
SINGLE-OP ALL LOW CW	100	LZ3TL	82	82	1	36	2916
SINGLE-OP ALL LOW CW	101	RD3FT	80	80	0	36	2880
SINGLE-OP ALL LOW CW	102	OK1CZ	93	76	2	38	2812
SINGLE-OP ALL LOW CW	103	W1WBB	75	75	0	37	2775
SINGLE-OP ALL LOW CW	104	F5UQE	85	85	2	33	2739
SINGLE-OP ALL LOW CW	105	DA2K	104	99	5	29	2726
SINGLE-OP ALL LOW CW	106	SP7OGP	117	117	5	24	2688
SINGLE-OP ALL LOW CW	106	UN7LV	98	98	2	28	2688
SINGLE-OP ALL LOW CW	107	YO5YM	73	73	1	37	2664
SINGLE-OP ALL LOW CW	108	DJ2XY	88	88	0	30	2640
SINGLE-OP ALL LOW CW	109	LY2J	85	85	1	31	2604
SINGLE-OP ALL LOW CW	109	R1QE	93	93	0	28	2604
SINGLE-OP ALL LOW CW	110	LY2MC	83	83	2	32	2592
SINGLE-OP ALL LOW CW	111	UA4FDL	69	69	1	38	2584
SINGLE-OP ALL LOW CW	112	SP2JFY	100	100	6	27	2538
SINGLE-OP ALL LOW CW	113	SP3LPR	78	78	2	33	2508
SINGLE-OP ALL LOW CW	114	UZ1RM	67	67	2	37	2405
SINGLE-OP ALL LOW CW	115	R4DI	74	74	6	35	2380
SINGLE-OP ALL LOW CW	116	ZA1F	77	77	2	31	2325
SINGLE-OP ALL LOW CW	117	YU5T	75	75	4	32	2272
SINGLE-OP ALL LOW CW	118	UA4NN	83	83	5	29	2262
SINGLE-OP ALL LOW CW	119	OK8KM	68	68	2	34	2244
SINGLE-OP ALL LOW CW	120	ES2JJ	75	74	5	32	2208
SINGLE-OP ALL LOW CW	121	OZ1AAR	64	64	3	36	2196

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	122	9A1DR	78	78	0	28	2184
SINGLE-OP ALL LOW CW	123	EX8MJ	73	73	1	30	2160
SINGLE-OP ALL LOW CW	124	SV8/HB9FII	67	67	5	34	2108
SINGLE-OP ALL LOW CW	125	S52W	79	79	1	27	2106
SINGLE-OP ALL LOW CW	126	EI6KW	95	95	2	22	2046
SINGLE-OP ALL LOW CW	127	UX1CL	69	69	4	31	2015
SINGLE-OP ALL LOW CW	128	DK2FG	80	80	0	25	2000
SINGLE-OP ALL LOW CW	129	OK2PBR	76	76	2	27	1998
SINGLE-OP ALL LOW CW	130	DL2MDZ	67	67	3	31	1984
SINGLE-OP ALL LOW CW	131	RX3VF	57	57	3	36	1944
SINGLE-OP ALL LOW CW	132	LY4BF	80	80	3	25	1925
SINGLE-OP ALL LOW CW	133	LY2AT	61	61	4	33	1881
SINGLE-OP ALL LOW CW	134	UA4NF	65	65	3	30	1860
SINGLE-OP ALL LOW CW	135	OH1TS	70	70	6	29	1856
SINGLE-OP ALL LOW CW	136	F5MGD	61	61	2	31	1829
SINGLE-OP ALL LOW CW	137	SP4JFR	98	98	2	19	1824
SINGLE-OP ALL LOW CW	138	OK1MAW	81	81	2	23	1817
SINGLE-OP ALL LOW CW	139	OK5NZ	67	67	0	26	1742
SINGLE-OP ALL LOW CW	140	LC9X	64	64	0	27	1728
SINGLE-OP ALL LOW CW	141	OM3TBG	69	69	1	25	1700
SINGLE-OP ALL LOW CW	142	UW7LL	77	77	1	22	1672
SINGLE-OP ALL LOW CW	143	OM7AT	64	64	0	26	1664
SINGLE-OP ALL LOW CW	144	US1VM	57	57	0	29	1653
SINGLE-OP ALL LOW CW	145	DL6UM	75	75	0	22	1650
SINGLE-OP ALL LOW CW	146	RW4S	60	60	0	27	1620
SINGLE-OP ALL LOW CW	147	SE5T	64	64	0	25	1600
SINGLE-OP ALL LOW CW	148	OK2YZ	78	78	4	21	1554
SINGLE-OP ALL LOW CW	149	ON5JT	50	50	0	31	1550
SINGLE-OP ALL LOW CW	150	HB50FX	73	73	0	21	1533
SINGLE-OP ALL LOW CW	151	OL3M	74	74	5	22	1518

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	152	OK1FCA	68	68	1	22	1474
SINGLE-OP ALL LOW CW	153	IS0KEW	59	59	1	25	1450
SINGLE-OP ALL LOW CW	154	HA3JO	66	66	3	23	1449
SINGLE-OP ALL LOW CW	155	EW6TW	51	51	3	30	1440
SINGLE-OP ALL LOW CW	156	DJ6QQ	65	65	2	22	1386
SINGLE-OP ALL LOW CW	157	UR4LIN	53	53	4	28	1372
SINGLE-OP ALL LOW CW	158	UX2HB	49	49	2	28	1316
SINGLE-OP ALL LOW CW	159	IT9VDQ	60	60	1	22	1298
SINGLE-OP ALL LOW CW	160	SP7TBS	59	57	1	23	1288
SINGLE-OP ALL LOW CW	161	I3JUK	48	48	1	27	1269
SINGLE-OP ALL LOW CW	162	DF3OL	48	48	0	26	1248
SINGLE-OP ALL LOW CW	163	DD6CW	68	68	1	18	1206
SINGLE-OP ALL LOW CW	164	IK2CZQ	60	60	0	20	1200
SINGLE-OP ALL LOW CW	164	YL3JD	49	49	1	25	1200
SINGLE-OP ALL LOW CW	165	EA5CP	48	48	2	26	1196
SINGLE-OP ALL LOW CW	165	IC8FBU	54	54	2	23	1196
SINGLE-OP ALL LOW CW	165	PY2UDB	48	48	2	26	1196
SINGLE-OP ALL LOW CW	166	IK5MEL	61	61	2	20	1180
SINGLE-OP ALL LOW CW	167	TA3X	49	49	2	25	1175
SINGLE-OP ALL LOW CW	168	CT1ELZ	45	45	0	26	1170
SINGLE-OP ALL LOW CW	169	DH7AMF	54	53	5	24	1152
SINGLE-OP ALL LOW CW	170	OZ7BQ	60	60	3	20	1140
SINGLE-OP ALL LOW CW	170	UR7MA	61	61	1	19	1140
SINGLE-OP ALL LOW CW	171	OU3A	53	53	0	21	1113
SINGLE-OP ALL LOW CW	172	DJ1KW	50	50	2	23	1104
SINGLE-OP ALL LOW CW	172	R0RG	51	51	5	24	1104
SINGLE-OP ALL LOW CW	173	K0EA	50	50	0	22	1100
SINGLE-OP ALL LOW CW	173	YO2MNZ	52	52	2	22	1100
SINGLE-OP ALL LOW CW	174	SP4AAZ	54	54	2	20	1040
SINGLE-OP ALL LOW CW	175	R3DDP	46	46	1	23	1035

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	176	LA7SI	48	48	1	22	1034
SINGLE-OP ALL LOW CW	177	DF5RF	44	44	1	23	989
SINGLE-OP ALL LOW CW	178	UA3RFT	38	38	2	27	972
SINGLE-OP ALL LOW CW	179	F4FFH	66	49	3	21	966
SINGLE-OP ALL LOW CW	180	DK1FT	41	41	1	24	960
SINGLE-OP ALL LOW CW	180	UA9AT	49	49	1	20	960
SINGLE-OP ALL LOW CW	181	VE3AQ	35	35	0	26	910
SINGLE-OP ALL LOW CW	182	HG6O	77	77	3	12	888
SINGLE-OP ALL LOW CW	183	WA9AQN	41	41	0	21	861
SINGLE-OP ALL LOW CW	184	R4WH	40	40	0	21	840
SINGLE-OP ALL LOW CW	184	UB8A	43	43	1	20	840
SINGLE-OP ALL LOW CW	184	UN7ID	38	37	2	24	840
SINGLE-OP ALL LOW CW	185	OK7CM	43	43	0	19	817
SINGLE-OP ALL LOW CW	186	IK2UJF	48	48	4	18	792
SINGLE-OP ALL LOW CW	187	OK1DM	60	60	4	14	784
SINGLE-OP ALL LOW CW	188	DL5MY	43	43	2	18	738
SINGLE-OP ALL LOW CW	189	IU6AIG	44	44	0	16	704
SINGLE-OP ALL LOW CW	190	HA5AX	50	50	0	14	700
SINGLE-OP ALL LOW CW	191	R8CAA	50	36	3	21	693
SINGLE-OP ALL LOW CW	192	DK5WO	38	38	0	18	684
SINGLE-OP ALL LOW CW	193	RV6LLI	37	37	2	19	665
SINGLE-OP ALL LOW CW	194	DJ2AX	34	33	2	21	651
SINGLE-OP ALL LOW CW	195	OK1PFM	36	36	0	18	648
SINGLE-OP ALL LOW CW	196	DL1EAR	38	38	0	17	646
SINGLE-OP ALL LOW CW	197	EU3U	46	46	4	15	630
SINGLE-OP ALL LOW CW	197	LY3QN	43	43	1	15	630
SINGLE-OP ALL LOW CW	198	SP2HHX	39	39	2	17	629
SINGLE-OP ALL LOW CW	199	UA3UAD	31	31	0	20	620
SINGLE-OP ALL LOW CW	200	SP2HMT	34	34	2	19	608
SINGLE-OP ALL LOW CW	201	M7TEI	33	33	5	20	560

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW CW	202	YB1RYX	31	31	2	19	551
SINGLE-OP ALL LOW CW	203	UN7FW	27	27	1	21	546
SINGLE-OP ALL LOW CW	204	SV1CEI	48	48	3	11	495
SINGLE-OP ALL LOW CW	205	DA3T	29	29	2	18	486
SINGLE-OP ALL LOW CW	206	VR2CO	30	30	0	16	480
SINGLE-OP ALL LOW CW	207	OK1DVA	32	32	4	17	476
SINGLE-OP ALL LOW CW	208	DL1FMG	33	32	4	16	448
SINGLE-OP ALL LOW CW	209	DL5JP	28	28	2	17	442
SINGLE-OP ALL LOW CW	210	F5IYJ	32	32	1	14	434
SINGLE-OP ALL LOW CW	211	SQ5J	31	31	1	14	420
SINGLE-OP ALL LOW CW	212	DF1DT	28	28	2	16	416
SINGLE-OP ALL LOW CW	213	SQ9JS	32	31	4	15	405
SINGLE-OP ALL LOW CW	214	OE1TKW	26	26	1	16	400
SINGLE-OP ALL LOW CW	215	OK2BRQ	29	29	10	19	361
SINGLE-OP ALL LOW CW	216	RM2R	29	29	4	14	350
SINGLE-OP ALL LOW CW	217	R4WAE	21	21	1	16	320
SINGLE-OP ALL LOW CW	218	2E0OBO	26	26	0	12	312
SINGLE-OP ALL LOW CW	218	G8VPE	24	24	0	13	312
SINGLE-OP ALL LOW CW	219	ON7IO	24	23	1	14	308
SINGLE-OP ALL LOW CW	220	VE9KK	20	20	3	18	306
SINGLE-OP ALL LOW CW	221	IU8RQW	27	27	0	11	297
SINGLE-OP ALL LOW CW	221	ZA1AK	28	28	1	11	297
SINGLE-OP ALL LOW CW	222	IK1RAG	22	22	1	14	294
SINGLE-OP ALL LOW CW	223	YU1QU	31	31	2	10	290
SINGLE-OP ALL LOW CW	224	LU9GBR	24	24	0	12	288
SINGLE-OP ALL LOW CW	225	SD6M	20	20	0	13	260
SINGLE-OP ALL LOW CW	226	DL8UKW	27	27	2	10	250
SINGLE-OP ALL LOW CW	227	IZ8GBT	19	19	1	13	234
SINGLE-OP ALL LOW CW	228	IT9PPG	24	24	3	11	231
SINGLE-OP ALL LOW CW	229	9A4MZ	19	19	0	12	228

Category	Place	Callsign	QSOs	Points	Penaltn	Mults	Score
SINGLE-OP ALL LOW CW	229	DK1VY	20	20	1	12	228
SINGLE-OP ALL LOW CW	229	EA3CWT	20	20	1	12	228
SINGLE-OP ALL LOW CW	230	DJ7GS	21	21	3	12	216
SINGLE-OP ALL LOW CW	231	DF3CE	18	18	3	13	195
SINGLE-OP ALL LOW CW	231	UA4LKU	17	16	1	13	195
SINGLE-OP ALL LOW CW	232	LZ2AF	20	19	0	10	190
SINGLE-OP ALL LOW CW	233	DM4K	19	19	1	10	180
SINGLE-OP ALL LOW CW	233	VE9DX	18	18	0	10	180
SINGLE-OP ALL LOW CW	234	DL0ABT	16	16	0	11	176
SINGLE-OP ALL LOW CW	234	IK2NUX	17	17	1	11	176
SINGLE-OP ALL LOW CW	235	IK8VRP	21	21	4	10	170
SINGLE-OP ALL LOW CW	236	BD4ITM	15	14	0	12	168
SINGLE-OP ALL LOW CW	237	SM9F	18	18	3	11	165
SINGLE-OP ALL LOW CW	238	S52AU	15	15	0	9	135
SINGLE-OP ALL LOW CW	239	NE5A	12	12	0	10	120
SINGLE-OP ALL LOW CW	240	OK1DXX	17	17	0	7	119
SINGLE-OP ALL LOW CW	241	DG8WA	13	13	0	9	117
SINGLE-OP ALL LOW CW	242	RN3DKE	12	12	0	9	108
SINGLE-OP ALL LOW CW	242	SP5NZF	12	12	0	9	108
SINGLE-OP ALL LOW CW	243	DG1HXJ	15	15	3	8	96
SINGLE-OP ALL LOW CW	244	YD2UWF	16	16	1	6	90
SINGLE-OP ALL LOW CW	245	IU0VOX	14	14	2	7	84
SINGLE-OP ALL LOW CW	246	DL7VMM	9	9	0	8	72
SINGLE-OP ALL LOW CW	246	SM6NJK	12	12	0	6	72
SINGLE-OP ALL LOW CW	247	ZL4YY	8	8	0	7	56
SINGLE-OP ALL LOW CW	248	IZ5GRS	7	7	0	7	49
SINGLE-OP ALL LOW CW	249	KE0M	7	7	0	6	42
SINGLE-OP ALL LOW CW	249	WA8MDC/4	7	7	0	6	42
SINGLE-OP ALL LOW CW	250	EA6EJ	6	6	0	6	36
SINGLE-OP ALL LOW CW	250	F4GFT	9	9	0	4	36

Category	Place	Callsign	QSOs	Points	Penaltns	Mults	Score
SINGLE-OP ALL LOW CW	251	DL7LX	8	8	2	5	30
SINGLE-OP ALL LOW CW	251	JL1FAR	7	7	1	5	30
SINGLE-OP ALL LOW CW	251	KW4GF	6	6	1	6	30
SINGLE-OP ALL LOW CW	252	PY4ARS	6	6	1	5	25
SINGLE-OP ALL LOW CW	253	RL6K	5	5	0	4	20
SINGLE-OP ALL LOW CW	254	VK4DRK	4	4	0	4	16
SINGLE-OP ALL LOW CW	255	JH4NJQ	5	5	0	3	15
SINGLE-OP ALL LOW CW	256	JG1GOY	4	4	0	3	12
SINGLE-OP ALL LOW CW	257	K9NW	3	3	0	3	9
SINGLE-OP ALL LOW CW	258	IT9IQN	2	2	0	2	4
SINGLE-OP ALL LOW CW	258	PY2ZMN	2	2	0	2	4
SINGLE-OP ALL LOW CW	259	R0SEA	1	1	0	1	1
SINGLE-OP ALL LOW CW	260	TI2MOT	1	1	2	1	0
SINGLE-OP ALL LOW MIXED	1	HG8W	524	524	13	117	59787
SINGLE-OP ALL LOW MIXED	2	YL2TD	515	515	2	89	45657
SINGLE-OP ALL LOW MIXED	3	OK2MBP	497	497	3	90	44460
SINGLE-OP ALL LOW MIXED	4	EW1TZ	378	378	6	79	29388
SINGLE-OP ALL LOW MIXED	5	RU4SO	362	362	4	75	26850
SINGLE-OP ALL LOW MIXED	6	R3LC	315	315	4	84	26124
SINGLE-OP ALL LOW MIXED	7	RT2F	305	305	4	65	19565
SINGLE-OP ALL LOW MIXED	8	LY2DX	217	217	3	74	15836
SINGLE-OP ALL LOW MIXED	9	OK4RQ	221	221	1	64	14080
SINGLE-OP ALL LOW MIXED	10	UN8PT	216	216	0	64	13824
SINGLE-OP ALL LOW MIXED	11	RW3AI	180	180	1	70	12530
SINGLE-OP ALL LOW MIXED	12	OK2BMA	186	186	5	66	11946
SINGLE-OP ALL LOW MIXED	13	UV1IX	203	202	3	57	11343
SINGLE-OP ALL LOW MIXED	14	UY0CA	173	173	3	62	10540
SINGLE-OP ALL LOW MIXED	15	ER3UA	140	140	2	68	9384
SINGLE-OP ALL LOW MIXED	16	OK2RO	225	219	0	39	8541
SINGLE-OP ALL LOW MIXED	17	YO2LEA	160	160	1	52	8268

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW MIXED	18	OK1LV	164	164	4	51	8160
SINGLE-OP ALL LOW MIXED	19	YL3GQ	145	145	2	53	7579
SINGLE-OP ALL LOW MIXED	20	IU3MDI	142	142	8	55	7370
SINGLE-OP ALL LOW MIXED	21	S57KM	127	127	0	55	6985
SINGLE-OP ALL LOW MIXED	22	HB9CIC	170	170	5	42	6930
SINGLE-OP ALL LOW MIXED	23	ON4CAU	252	252	13	28	6692
SINGLE-OP ALL LOW MIXED	24	OE3JRC	146	146	1	41	5945
SINGLE-OP ALL LOW MIXED	25	N8II	103	103	2	58	5858
SINGLE-OP ALL LOW MIXED	26	HB9TPN	122	122	7	50	5750
SINGLE-OP ALL LOW MIXED	27	UW5ZM	113	113	3	50	5500
SINGLE-OP ALL LOW MIXED	28	RK3Y	117	117	3	48	5472
SINGLE-OP ALL LOW MIXED	29	ON4VMA	117	116	2	47	5358
SINGLE-OP ALL LOW MIXED	30	IK4OMU	199	199	1	27	5346
SINGLE-OP ALL LOW MIXED	31	HA3GC	117	117	1	46	5336
SINGLE-OP ALL LOW MIXED	32	OK1BLU	116	116	7	48	5232
SINGLE-OP ALL LOW MIXED	33	UA3X	108	108	2	49	5194
SINGLE-OP ALL LOW MIXED	34	RD6OK	106	106	6	50	5000
SINGLE-OP ALL LOW MIXED	35	DL7VRG	106	106	7	48	4752
SINGLE-OP ALL LOW MIXED	36	R3QX	85	85	0	50	4250
SINGLE-OP ALL LOW MIXED	37	DK1FY	94	94	6	48	4224
SINGLE-OP ALL LOW MIXED	38	UG4P	98	96	9	48	4176
SINGLE-OP ALL LOW MIXED	39	HB9OAU	96	96	4	41	3772
SINGLE-OP ALL LOW MIXED	40	LY3AB	159	159	4	22	3410
SINGLE-OP ALL LOW MIXED	41	US3LX	81	81	2	40	3160
SINGLE-OP ALL LOW MIXED	42	DK1IZ	96	95	3	34	3128
SINGLE-OP ALL LOW MIXED	43	ON5UK	82	82	2	37	2960
SINGLE-OP ALL LOW MIXED	44	SQ3TGN	77	77	4	40	2920
SINGLE-OP ALL LOW MIXED	45	ON5WL	75	75	3	40	2880
SINGLE-OP ALL LOW MIXED	46	DJ5NE	89	89	3	31	2666
SINGLE-OP ALL LOW MIXED	47	LZ2JU	64	64	0	41	2624

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW MIXED	48	R7MP	107	107	7	24	2400
SINGLE-OP ALL LOW MIXED	49	YO/LZ4UU	93	92	1	24	2184
SINGLE-OP ALL LOW MIXED	50	UW8SM	70	70	3	31	2077
SINGLE-OP ALL LOW MIXED	51	SN1F	67	67	2	28	1820
SINGLE-OP ALL LOW MIXED	52	DL1KVN	87	87	5	22	1804
SINGLE-OP ALL LOW MIXED	53	YT1NX	55	55	0	28	1540
SINGLE-OP ALL LOW MIXED	54	R3PIQ	49	49	7	35	1470
SINGLE-OP ALL LOW MIXED	55	SQ9S	45	45	0	27	1215
SINGLE-OP ALL LOW MIXED	56	SM6TOL	51	51	1	24	1200
SINGLE-OP ALL LOW MIXED	57	LY9A	54	54	1	22	1166
SINGLE-OP ALL LOW MIXED	58	YT3DA	43	43	2	26	1066
SINGLE-OP ALL LOW MIXED	59	YT6X	49	49	1	22	1056
SINGLE-OP ALL LOW MIXED	60	F6FET	51	51	1	20	1000
SINGLE-OP ALL LOW MIXED	61	R4IO	62	62	1	16	976
SINGLE-OP ALL LOW MIXED	62	OO4M	49	49	2	20	940
SINGLE-OP ALL LOW MIXED	63	UA9XX	44	42	6	25	900
SINGLE-OP ALL LOW MIXED	64	DL1SBF	48	48	2	19	874
SINGLE-OP ALL LOW MIXED	64	RW3VA	48	48	2	19	874
SINGLE-OP ALL LOW MIXED	65	DL2DXA	42	42	2	19	760
SINGLE-OP ALL LOW MIXED	65	OM5TZ	38	38	0	20	760
SINGLE-OP ALL LOW MIXED	66	YU1BV	51	51	1	14	700
SINGLE-OP ALL LOW MIXED	67	ON6FC	42	42	8	20	680
SINGLE-OP ALL LOW MIXED	68	LY4Q	30	30	0	21	630
SINGLE-OP ALL LOW MIXED	69	DL9NO	40	40	4	16	576
SINGLE-OP ALL LOW MIXED	70	UX3UU	38	38	12	21	546
SINGLE-OP ALL LOW MIXED	71	RV3X/P	27	27	2	21	525
SINGLE-OP ALL LOW MIXED	72	DL7PIA	27	27	0	18	486
SINGLE-OP ALL LOW MIXED	73	UA9JNT	24	24	0	18	432
SINGLE-OP ALL LOW MIXED	74	RA3VE	24	24	2	19	418
SINGLE-OP ALL LOW MIXED	75	JR3AAZ	29	29	4	16	400

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW MIXED	76	DJ3CE	25	25	1	14	336
SINGLE-OP ALL LOW MIXED	77	IN3UFW	24	24	2	12	264
SINGLE-OP ALL LOW MIXED	77	YU1AAV	22	22	0	12	264
SINGLE-OP ALL LOW MIXED	78	ON5RT	25	25	1	10	240
SINGLE-OP ALL LOW MIXED	79	DL1RUN	22	22	3	11	209
SINGLE-OP ALL LOW MIXED	80	RV1OM	16	16	0	11	176
SINGLE-OP ALL LOW MIXED	81	DL1AWC	15	15	0	10	150
SINGLE-OP ALL LOW MIXED	82	UA3WF	12	12	1	10	110
SINGLE-OP ALL LOW MIXED	83	UN/R1ZM	11	11	3	9	72
SINGLE-OP ALL LOW MIXED	84	BG5CZD	9	9	0	7	63
SINGLE-OP ALL LOW MIXED	85	PY3TD	11	11	1	6	60
SINGLE-OP ALL LOW MIXED	86	E78CB	8	8	0	6	48
SINGLE-OP ALL LOW MIXED	87	IU2OZV	3	3	0	1	3
SINGLE-OP ALL LOW MIXED	88	DO1WFW	1	1	0	1	1
SINGLE-OP ALL LOW SSB	1	UA3BL	611	611	4	71	43097
SINGLE-OP ALL LOW SSB	2	HG6R	358	358	4	54	19116
SINGLE-OP ALL LOW SSB	3	9A9O	341	341	2	48	16272
SINGLE-OP ALL LOW SSB	4	RL3QI	367	367	16	46	16146
SINGLE-OP ALL LOW SSB	5	LY5GT	299	299	3	43	12728
SINGLE-OP ALL LOW SSB	6	DL4DBM	330	330	4	39	12714
SINGLE-OP ALL LOW SSB	7	LZ2ZY	262	262	4	45	11610
SINGLE-OP ALL LOW SSB	8	F4MAG	229	229	4	49	11025
SINGLE-OP ALL LOW SSB	9	ER3CT	220	220	2	49	10682
SINGLE-OP ALL LOW SSB	10	OE3FVU	324	324	9	32	10080
SINGLE-OP ALL LOW SSB	11	UT8LN	268	268	2	36	9576
SINGLE-OP ALL LOW SSB	12	ON5RZ	229	229	4	36	8100
SINGLE-OP ALL LOW SSB	13	DF4RWO	174	174	9	49	8085
SINGLE-OP ALL LOW SSB	14	RU6YK	231	231	5	35	7910
SINGLE-OP ALL LOW SSB	15	IT9PHU	171	171	7	45	7380
SINGLE-OP ALL LOW SSB	16	R4DS	209	209	8	36	7236

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW SSB	17	IT9FIQ	201	201	6	35	6825
SINGLE-OP ALL LOW SSB	18	R1CDB	166	164	5	42	6678
SINGLE-OP ALL LOW SSB	19	GM4B	200	200	5	34	6630
SINGLE-OP ALL LOW SSB	20	LZ1VVD	139	139	5	48	6432
SINGLE-OP ALL LOW SSB	21	DH1PAL	140	138	1	46	6302
SINGLE-OP ALL LOW SSB	22	SM5JVF	235	235	3	26	6032
SINGLE-OP ALL LOW SSB	23	RC9AR	138	138	4	45	6030
SINGLE-OP ALL LOW SSB	24	UA4FDK	143	143	3	43	6020
SINGLE-OP ALL LOW SSB	25	IZ0VXY	160	160	0	37	5920
SINGLE-OP ALL LOW SSB	26	ER1PL	177	177	3	34	5916
SINGLE-OP ALL LOW SSB	27	LZ1VCT	119	119	3	46	5336
SINGLE-OP ALL LOW SSB	28	OK2BRX	200	200	4	26	5096
SINGLE-OP ALL LOW SSB	29	UA6YN	120	120	3	43	5031
SINGLE-OP ALL LOW SSB	30	YO7VXD	139	139	5	34	4556
SINGLE-OP ALL LOW SSB	31	OK2TS	122	122	1	33	3993
SINGLE-OP ALL LOW SSB	32	RZ5D	100	100	2	40	3920
SINGLE-OP ALL LOW SSB	33	G3R	153	153	1	23	3496
SINGLE-OP ALL LOW SSB	34	OE3MDB	98	98	2	36	3456
SINGLE-OP ALL LOW SSB	35	9A1CCY	92	92	2	36	3240
SINGLE-OP ALL LOW SSB	36	OZ4NA	109	109	2	30	3210
SINGLE-OP ALL LOW SSB	37	ON5SEL	142	142	6	23	3128
SINGLE-OP ALL LOW SSB	38	UR5VAA	85	85	4	38	3078
SINGLE-OP ALL LOW SSB	39	VE9RA	92	92	3	34	3026
SINGLE-OP ALL LOW SSB	40	VO1GO	97	96	2	32	3008
SINGLE-OP ALL LOW SSB	41	ON4AST	138	138	2	22	2992
SINGLE-OP ALL LOW SSB	42	HA3HZ	102	101	1	28	2800
SINGLE-OP ALL LOW SSB	43	IZ6CLV	105	105	9	28	2688
SINGLE-OP ALL LOW SSB	44	DF4RBM	77	77	0	34	2618
SINGLE-OP ALL LOW SSB	45	MM7JNT	117	117	0	20	2340
SINGLE-OP ALL LOW SSB	45	MM9YTN	93	93	3	26	2340

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW SSB	46	OR4T	110	110	2	21	2268
SINGLE-OP ALL LOW SSB	47	9A7PZ	84	84	1	27	2241
SINGLE-OP ALL LOW SSB	48	IW4CUG	71	71	1	32	2240
SINGLE-OP ALL LOW SSB	49	SP3DFB	77	77	2	29	2175
SINGLE-OP ALL LOW SSB	50	DG0LFG	65	65	0	32	2080
SINGLE-OP ALL LOW SSB	51	F8GAF	87	84	1	24	1992
SINGLE-OP ALL LOW SSB	52	R3AAA	69	69	1	29	1972
SINGLE-OP ALL LOW SSB	53	SQ3GJH	94	94	1	21	1953
SINGLE-OP ALL LOW SSB	54	OT1T	80	80	0	24	1920
SINGLE-OP ALL LOW SSB	55	EA5SY	83	83	1	23	1886
SINGLE-OP ALL LOW SSB	56	RX9CCJ	63	63	0	29	1827
SINGLE-OP ALL LOW SSB	57	SP3SRM	63	63	0	28	1764
SINGLE-OP ALL LOW SSB	58	F4DXP	77	77	4	23	1679
SINGLE-OP ALL LOW SSB	59	SP3SLD	78	78	2	22	1672
SINGLE-OP ALL LOW SSB	60	F1GKS	69	69	1	22	1496
SINGLE-OP ALL LOW SSB	61	DH2PL	63	63	3	23	1380
SINGLE-OP ALL LOW SSB	62	M9RDG	60	60	0	22	1320
SINGLE-OP ALL LOW SSB	63	DK7CH	78	77	4	18	1314
SINGLE-OP ALL LOW SSB	64	R6ZAA	64	64	3	21	1281
SINGLE-OP ALL LOW SSB	65	G1F	65	64	2	20	1240
SINGLE-OP ALL LOW SSB	66	UT2VE	57	57	3	22	1188
SINGLE-OP ALL LOW SSB	67	ON5LS	82	81	2	15	1185
SINGLE-OP ALL LOW SSB	68	DB5ZF	69	69	0	17	1173
SINGLE-OP ALL LOW SSB	68	UA4WGM	52	52	1	23	1173
SINGLE-OP ALL LOW SSB	69	DB5ABS	55	55	1	21	1134
SINGLE-OP ALL LOW SSB	70	R4FDL	54	54	1	21	1113
SINGLE-OP ALL LOW SSB	71	UA9JFH	55	55	0	20	1100
SINGLE-OP ALL LOW SSB	71	YB1AAE	50	50	0	22	1100
SINGLE-OP ALL LOW SSB	72	DL3UT	51	51	2	22	1078
SINGLE-OP ALL LOW SSB	73	DG7FBB	52	51	0	21	1071

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW SSB	74	HB9HDK	62	62	0	17	1054
SINGLE-OP ALL LOW SSB	75	R2EL	50	50	0	21	1050
SINGLE-OP ALL LOW SSB	76	YT2PIA	46	46	7	26	1014
SINGLE-OP ALL LOW SSB	77	IU5ICR	49	49	1	21	1008
SINGLE-OP ALL LOW SSB	78	9A7TT	47	47	5	22	924
SINGLE-OP ALL LOW SSB	79	SQ8DSN	39	39	0	23	897
SINGLE-OP ALL LOW SSB	80	YO7NK	77	77	3	12	888
SINGLE-OP ALL LOW SSB	81	DL2RZG	50	50	0	16	800
SINGLE-OP ALL LOW SSB	82	DJ6DO	56	56	0	14	784
SINGLE-OP ALL LOW SSB	83	DK1GP	50	50	13	20	740
SINGLE-OP ALL LOW SSB	83	G8ZRE	40	40	3	20	740
SINGLE-OP ALL LOW SSB	84	9A1BN	38	38	0	19	722
SINGLE-OP ALL LOW SSB	84	YO3MMK	41	41	3	19	722
SINGLE-OP ALL LOW SSB	85	SN3N	36	36	0	20	720
SINGLE-OP ALL LOW SSB	86	DL1JRS	56	56	1	13	715
SINGLE-OP ALL LOW SSB	87	RU6C	35	35	0	20	700
SINGLE-OP ALL LOW SSB	88	OT8P	61	61	3	12	696
SINGLE-OP ALL LOW SSB	89	F5MLJ	42	42	3	17	663
SINGLE-OP ALL LOW SSB	90	TA3EP	37	37	5	19	608
SINGLE-OP ALL LOW SSB	91	DC1TK	35	35	0	17	595
SINGLE-OP ALL LOW SSB	92	F6DRP	56	56	4	11	572
SINGLE-OP ALL LOW SSB	93	VY2GF	31	31	1	19	570
SINGLE-OP ALL LOW SSB	94	IU0REL	43	43	0	13	559
SINGLE-OP ALL LOW SSB	95	EA2SN	40	40	1	14	546
SINGLE-OP ALL LOW SSB	96	RA9APG	45	45	0	12	540
SINGLE-OP ALL LOW SSB	97	YL3OE	36	35	7	19	532
SINGLE-OP ALL LOW SSB	98	ON4LUC	51	51	7	12	528
SINGLE-OP ALL LOW SSB	99	F4IYB	45	45	3	12	504
SINGLE-OP ALL LOW SSB	100	LY1NDN	33	33	0	15	495
SINGLE-OP ALL LOW SSB	101	HB9FKQ	31	31	2	17	493

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW SSB	102	DG7DBR	45	45	4	12	492
SINGLE-OP ALL LOW SSB	103	DL9YJ	40	40	0	12	480
SINGLE-OP ALL LOW SSB	103	IU3UWZ	43	43	3	12	480
SINGLE-OP ALL LOW SSB	103	SQ9PL	30	30	0	16	480
SINGLE-OP ALL LOW SSB	104	DL5PIA	36	36	0	13	468
SINGLE-OP ALL LOW SSB	105	RV1CB	43	43	1	11	462
SINGLE-OP ALL LOW SSB	106	LZ1CKM	25	25	1	19	456
SINGLE-OP ALL LOW SSB	107	IZ3ZMM	42	42	1	11	451
SINGLE-OP ALL LOW SSB	108	SQ7BTY	32	32	0	14	448
SINGLE-OP ALL LOW SSB	109	EA1PG	27	27	1	17	442
SINGLE-OP ALL LOW SSB	110	UX4CR	34	34	1	13	429
SINGLE-OP ALL LOW SSB	111	OZ5FN	34	34	0	12	408
SINGLE-OP ALL LOW SSB	112	HA5IZ	29	29	2	15	405
SINGLE-OP ALL LOW SSB	113	G0BHK	33	33	1	12	384
SINGLE-OP ALL LOW SSB	114	ON3EMT	34	34	0	11	374
SINGLE-OP ALL LOW SSB	115	ON9KVE	34	34	1	11	363
SINGLE-OP ALL LOW SSB	115	OT5L	34	34	1	11	363
SINGLE-OP ALL LOW SSB	116	IU0OXQ	30	30	0	12	360
SINGLE-OP ALL LOW SSB	117	CU5CQ	26	26	3	15	345
SINGLE-OP ALL LOW SSB	117	R6YG	24	24	1	15	345
SINGLE-OP ALL LOW SSB	118	OK1IBW	24	24	3	16	336
SINGLE-OP ALL LOW SSB	119	G8NVX	25	25	1	13	312
SINGLE-OP ALL LOW SSB	120	CT2KIK	20	20	0	15	300
SINGLE-OP ALL LOW SSB	120	SN3T	25	25	0	12	300
SINGLE-OP ALL LOW SSB	121	HB9GPG	24	24	1	13	299
SINGLE-OP ALL LOW SSB	122	DG6KBG	23	23	1	13	286
SINGLE-OP ALL LOW SSB	123	OM4AJH	28	28	0	10	280
SINGLE-OP ALL LOW SSB	124	M7SBC	24	24	1	12	276
SINGLE-OP ALL LOW SSB	125	ES8SX	25	25	0	11	275
SINGLE-OP ALL LOW SSB	126	IU2UDF	20	20	3	15	255

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW SSB	127	DL2EF	26	25	2	11	253
SINGLE-OP ALL LOW SSB	128	DJ0GM	23	23	2	12	252
SINGLE-OP ALL LOW SSB	129	DC6GT	27	27	2	10	250
SINGLE-OP ALL LOW SSB	130	SP3WBV	19	19	1	13	234
SINGLE-OP ALL LOW SSB	131	UA1ABJ	20	20	0	11	220
SINGLE-OP ALL LOW SSB	132	HA0RZK	22	22	3	11	209
SINGLE-OP ALL LOW SSB	133	G0AKF	20	20	0	10	200
SINGLE-OP ALL LOW SSB	134	AB1F	18	18	0	11	198
SINGLE-OP ALL LOW SSB	134	R2BOE	18	18	0	11	198
SINGLE-OP ALL LOW SSB	135	EU2NS	18	18	2	12	192
SINGLE-OP ALL LOW SSB	136	KC9JML	18	18	1	11	187
SINGLE-OP ALL LOW SSB	137	N1WRK	17	17	0	9	153
SINGLE-OP ALL LOW SSB	137	PU1JSV	17	17	0	9	153
SINGLE-OP ALL LOW SSB	138	W3RFX	15	15	0	10	150
SINGLE-OP ALL LOW SSB	139	DH3SBB	13	13	1	12	144
SINGLE-OP ALL LOW SSB	140	DF8YX	15	15	0	9	135
SINGLE-OP ALL LOW SSB	141	DM8GH	16	16	0	8	128
SINGLE-OP ALL LOW SSB	142	SA6GDX	12	12	1	10	110
SINGLE-OP ALL LOW SSB	143	N1QN	13	13	0	8	104
SINGLE-OP ALL LOW SSB	144	DL4SKH	8	8	0	7	56
SINGLE-OP ALL LOW SSB	145	DK9BM	8	8	1	7	49
SINGLE-OP ALL LOW SSB	145	ON3AR	7	7	0	7	49
SINGLE-OP ALL LOW SSB	146	F6GTX	11	11	3	6	48
SINGLE-OP ALL LOW SSB	146	RZ3Z	29	9	1	6	48
SINGLE-OP ALL LOW SSB	147	EA2FJW	7	6	1	6	30
SINGLE-OP ALL LOW SSB	148	UR5VRB	6	6	0	4	24
SINGLE-OP ALL LOW SSB	149	DL0ARN	14	14	11	7	21
SINGLE-OP ALL LOW SSB	150	DK7HS	4	4	0	4	16
SINGLE-OP ALL LOW SSB	151	OZ8ZN	4	4	1	4	12
SINGLE-OP ALL LOW SSB	152	IZ0TWS	3	3	0	3	9

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL LOW SSB	152	W5AC	3	3	0	3	9
SINGLE-OP ALL LOW SSB	153	9A/OE6VKC	3	3	0	2	6
SINGLE-OP ALL LOW SSB	154	IV3KOJ	2	2	0	2	4
SINGLE-OP ALL LOW SSB	155	BU2EV	1	1	0	1	1
SINGLE-OP ALL LOW SSB	155	JL4OUX	1	1	0	1	1
SINGLE-OP ALL MIXED SWL	1	R7K2891	286	286	15	85	23035
SINGLE-OP ALL MIXED SWL	2	LZ1G42	167	166	36	61	7930
SINGLE-OP ALL MIXED SWL	3	W17897	216	216	66	46	6900
SINGLE-OP ALL MIXED SWL	4	OK111861	123	123	12	52	5772
SINGLE-OP ALL MIXED SWL	5	USN55SWL	149	149	20	32	4128
SINGLE-OP ALL MIXED SWL	6	OKL477	93	93	4	42	3738
SINGLE-OP ALL MIXED SWL	7	SP0013JG	85	84	6	37	2886
SINGLE-OP ALL MIXED SWL	8	OK134856	145	145	9	21	2856
SINGLE-OP ALL MIXED SWL	9	DE7WAB	72	72	3	20	1380
SINGLE-OP ALL MIXED SWL	10	SP0142JG	110	110	6	12	1248
SINGLE-OP ALL MIXED SWL	11	R3D204	45	45	4	30	1230
SINGLE-OP ALL MIXED SWL	12	HA10013	51	51	5	16	736
SINGLE-OP ALL MIXED SWL	13	UA3168493	6	6	2	6	24
SINGLE-OP ALL QRP MIXED	1	E77Y	310	310	1	103	31827
SINGLE-OP ALL QRP MIXED	2	UC7N	286	286	5	83	23323
SINGLE-OP ALL QRP MIXED	3	UY7LM	261	261	14	85	20995
SINGLE-OP ALL QRP MIXED	4	HG6C	227	227	7	71	15620
SINGLE-OP ALL QRP MIXED	5	R3ZP	233	232	5	68	15436
SINGLE-OP ALL QRP MIXED	6	UA1CUR	189	189	8	80	14480
SINGLE-OP ALL QRP MIXED	7	S52ON	220	220	8	62	13144
SINGLE-OP ALL QRP MIXED	8	EW8G	166	164	5	62	9858
SINGLE-OP ALL QRP MIXED	9	KE1J	166	166	1	56	9240
SINGLE-OP ALL QRP MIXED	10	YT3BL	134	134	0	58	7772
SINGLE-OP ALL QRP MIXED	11	S5/M0MPM	114	114	3	40	4440
SINGLE-OP ALL QRP MIXED	12	SP8GQU	115	115	1	37	4218

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL QRP MIXED	13	R2AJA	73	73	1	48	3456
SINGLE-OP ALL QRP MIXED	14	US5VX	84	84	1	39	3237
SINGLE-OP ALL QRP MIXED	15	DM2DZM	113	113	7	30	3180
SINGLE-OP ALL QRP MIXED	16	K3TW	66	66	1	43	2795
SINGLE-OP ALL QRP MIXED	17	IW3ILM	76	76	4	28	2016
SINGLE-OP ALL QRP MIXED	18	R6KEE	67	67	0	27	1809
SINGLE-OP ALL QRP MIXED	19	HG7J	50	50	0	36	1800
SINGLE-OP ALL QRP MIXED	20	OM8ATS	93	93	0	19	1767
SINGLE-OP ALL QRP MIXED	21	LY5G	61	61	1	26	1560
SINGLE-OP ALL QRP MIXED	22	UX8IX	60	60	0	25	1500
SINGLE-OP ALL QRP MIXED	23	R6ZF	49	49	2	31	1457
SINGLE-OP ALL QRP MIXED	24	YO8WW	50	50	2	28	1344
SINGLE-OP ALL QRP MIXED	25	OK1DZ	50	50	3	25	1175
SINGLE-OP ALL QRP MIXED	26	DK3WM	47	47	0	19	893
SINGLE-OP ALL QRP MIXED	27	HA5BA	50	50	1	18	882
SINGLE-OP ALL QRP MIXED	28	DB4SNK	38	38	2	18	648
SINGLE-OP ALL QRP MIXED	29	DM2AA	35	35	0	14	490
SINGLE-OP ALL QRP MIXED	30	W1FJ	24	24	0	17	408
SINGLE-OP ALL QRP MIXED	31	DF6DOM	21	21	3	15	270
SINGLE-OP ALL QRP MIXED	32	YO8OLY	18	18	2	16	256
SINGLE-OP ALL QRP MIXED	33	YO4GOU	22	22	5	15	255
SINGLE-OP ALL QRP MIXED	34	LZ1KZ	24	24	1	10	230
SINGLE-OP ALL QRP MIXED	34	OK1DSA	23	23	0	10	230
SINGLE-OP ALL QRP MIXED	35	UA0SBQ/P	16	16	0	13	208
SINGLE-OP ALL QRP MIXED	36	DL4AC	21	21	0	9	189
SINGLE-OP ALL QRP MIXED	37	TA4RC	15	15	0	11	165
SINGLE-OP ALL QRP MIXED	38	DK5CF	20	20	0	8	160
SINGLE-OP ALL QRP MIXED	39	UV3RT	15	15	0	10	150
SINGLE-OP ALL QRP MIXED	40	YO8MTY	15	15	3	11	132
SINGLE-OP ALL QRP MIXED	41	LY2LF	14	14	1	10	130

Category	Place	Callsign	QSOs	Points	Penalts	Mults	Score
SINGLE-OP ALL QRP MIXED	42	DL1EFW	15	15	0	8	120
SINGLE-OP ALL QRP MIXED	43	YO8GGC	12	12	3	10	90
SINGLE-OP ALL QRP MIXED	44	IK6QRH	10	10	1	9	81
SINGLE-OP ALL QRP MIXED	45	YO8VDC	10	10	0	8	80
SINGLE-OP ALL QRP MIXED	46	DK5CM	6	6	0	6	36
SINGLE-OP ALL QRP MIXED	47	RQ9F	7	7	2	6	30
SINGLE-OP ALL QRP MIXED	48	IK3XTY	10	9	5	6	24
SINGLE-OP ALL QRP MIXED	49	G1WVK	1	1	0	1	1
SINGLE-OP ALL QRP MIXED	49	YC1RHS	1	1	0	1	1
SINGLE-OP ALL QRP MIXED	50	SP3WKW	1	1	9	1	0