

ARRL World Above 50 MHz Standings

Maintained by Ned Stearns, AA7A

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* = Includes EME --- = Not Provided

50 MHz

50 MHz Standings

			States	DXCC	Grids	DX	Notes
			Worked	Worked	Worked	(km)	
Call Area	Call sign	State					
1							
	K1SIX *	NH	50	197	1325	17,188	
	K1TOL	ME	50	190	1505	15,185	
	K1SG*	MA	---	161	570	---	
	W3EP/1	CT	50	160	1182	15,552	
	K1MS	MA	50	159	---	14,696	
	W1JR	NH	50	156	839	14,455	
	K1AC	NH	50	156	---	14,535	
	WA1EAZ	MA	50	138	990	15,571	
	W1AIM	VT	50	138	576	14,928	
	K1AE	MA	50	127	---	---	
	W1IPL	ME	50	121	---	14,835	
	K1CA	NH	50	105	---	---	
	K1DG	NH	50	104	---	11,752	
	KT1J	VT	50	99	606	11,622	
	W1DYJ	MA	48	74	531	7,557	
	NE1B	NH	47	83	398	8,699	
	K1WVX	CT	48	82	425	14,663	
	KX9X	CT	37	81	256	---	
	WA1RKS	MA	46	47	295	9,244	
	W1ATV	CT	45	44	335	---	
	WA1FVJ	CT	43	23	187	6,400	
2							
	K2ZD*	NJ	50	226	1005	15,610	
	K2MUB	NY	50	165	---	16,784	
	K2AXX	NY	50	157	1012	14,438	
	W2CNS	NY	50	134	654	15,120	
	NY2NY	NY	50	124	595	13,124	
	K2QE	NY	50	123	732	---	
	W2MPK	NY	50	115	---	---	

	K1JT	NJ	50	111	738	14,150
	K2SIX	NJ	50	96	346	3,918
	AG2A	NY	47	62	390	8,777
3						
	W3NZL	MD	50	165	---	15,858
	W3JO (SK)	PA	50	160	---	14,929
	AE3T	PA	50	151	---	16,664
	N3DB	MD	50	149	1062	15,083
	W3VZ	MD	50	148	823	14,038
	W3TC	PA	50	143	866	15,221
	W3UR	MD	50	139	892	13,775
	N3II (sk)	MD	50	134	793	15,876
	W3CMP	PA	50	134	---	10,848
	AK3E	MD	50	123	836	---
	NZ3M	PA	49	118	561	13,953
	N3FTI	PA	49	83	525	10,862
	K3WC	PA	48	105	534	10,808
	W1DGA	MD	---	69	230	---
	K3TUF	PA	47	48	348	---
	N3TEE	DE	46	16	200	5,496
	N3JNX	PA	40	10	219	5,843
	WA2FGK	PA	49	1	444	7,000
4						
	K4MM	FL	50	160	570	16,326
	K1HTV	VA	48	157	944	15,285
	K4PI	GA	50	153	1135	13,274
	N4MM	VA	50	147	1005	---
	K6EID	GA	50	146	1110	14,556
	KD5M	FL	50	145	1056	---
	W4TJ	VA	50	145	829	15,688
	WA4NJP	GA	50	143	---	16,263
	W4UM	FL	50	142	---	---
	K4QI	NC	50	136	1014	---
	K4MQG	SC	50	136	397	---
	W4SO	GA	---	136	---	---
	WA4LOX	FL	50	134	---	15,664
	NN4X	FL	50	132	---	---
	K4ZOO	VA	50	128	850	15,708
	N3LL	FL	50	125	900	15,211
	K4RWP	TN	50	116	767	15,228
	K4UTE	FL	49	113	366	11,508

	K4WS	TN	50	112	320	13,295	
	K4AR	TN	50	111	409	---	
	W4WA	GA	50	110	348	9,860	
	AA4H	TN	50	109	721	12,580	
	KB4ET	FL	50	106	---	---	
	K4YMQ	AL	49	106	729	10,935	
	N9HF	FL	50	100	122	11,724	
	W4SW	VA	33	88	208	11,905	
	K4AVO	NC	49	80	---	9,993	
	N4HN	NC	49	79	632	---	
	W4AS	FL	48	78	477		
	K4RF	GA	50	69	375	16,288	
	K5WTA	FL	50	60	---	---	
	K2BLA *	FL	40	53	263	---	
	K4RTS	VA	49	35	300	11,668	
	AD4TJ	VA	48	26	361	6,449	
	K4MSG	VA	37	4	131	3,296	
5							
	W5OZI	TX	50	171	1190	15,131	
	K5UR	AR	50	152	1273	---	
	WD5K	TX	50	151	1202	14,924	
	AA5AM	TX	50	152	1218	14,963	
	K5AM	NM	50	147	860	17,861	
	K5SW	OK	50	143	---	16,746	
	N5DG*	TX	50	133	202	---	
	W5HNK *	TX	50	130	874	14,815	
	W5ZN	AR	50	129	860	13,340	
	W5LUA *	TX	50	122	441	---	
	WB5HJV	TX	50	122	---	15,106	
	W4UDH	MS	50	109	907	13,903	
	W5ADD*	LA	50	114	759	17,252	
	W5UWB *	TX	50	107	300	---	
	K5YY	AR	50	91	651	11,100	
	W5KI	AR	50	89	561	12,946	
	W5PR	TX	50	73	578	10,690	
	WA5LFD	TX	50	68	531	---	
	WA5VJB	TX	50	56	---	---	
	AF5CC	OK	50	45	450	---	
	K5LLL	TX	48	44	370	13,323	
	K5YPV	MS	50	35	317	8,759	
	W5WVO	NM	50	29	566	9,909	

	K0XXX	AR	49	28	356	10,521	
	W5TFW	LA	49	26	333	---	
	N5LJL	OK	48	22	335	6787	
	N5KDA	MS	44	20	270	---	
	K5QE	TX	49	9	227	7,551	
6							
	K6QXY *	CA	50	185	---	15,555	
	N6JV*	CA	50	132	868	11,128	
	K6KLY*	CA	50	135	---	15,806	
	N6CA	CA	50	131	500+	18,464	
	KR7O *	CA	50	125	749	12,783	
	W6BYA	CA	50	117	726	16,644	
	W6TOD	CA	50	110	500	---	
	KB6NAN (SK)	CA	50	91	782	16,638	
	N6ZE	CA	50	70	330	---	
7							
	W7GJ *	MT	50	225	713	16,496	
	AA7A*	AZ	50	183	1125	18,150	
	W7RV	AZ	50	140	1123	18,227	
	WA7JTM	AZ	50	127	854	18,138	
	W7KNT	MT	50	121	830	15,557	
	K7CW *	WA	50	113	784	15,296	
	W7MEM*	ID	50	97	741	16,030	
	W7FI	WA	50	90	---	15,454	
	WO7R	AZ	50	79	722	11,682	
	N7IR	AZ	50	75	671	13,285	
	KY7M	AZ	50	73	631	11,474	
	N7HD	AZ	50	69	---	---	
	KC7V	AZ	50	51	604	12,125	
	KC1BB	AZ	50	41	533	10,943	
	K7MCX	WA	50	34	638	--	
	K7AWB	WA	50	28	497	7,983	
	W7EME	OR	50	---	658	---	
8							
	W7JW	MI	50	183	1025		
	K8MFO	OH	50	167	---	---	
	W8PAT*	OH	50	152	634	16,499	
	W8TN*	WV	50	146	1005	12,436	
	KB8VAO	OH	50	129	800	13,620	
	K8XNI	OH	50	120	---	14,100	
	W8UV	OH	50	116	350	12,349	

	K4OM	WV	50	110	---	15,533	
	N8JX	MI	50	107	---	---	
	KF6A	MI	50	105	738	13,444	
	N4DB	OH	50	91	487	11,037	
	K8ROX	OH	50	85	620	11,037	
	WA8RJF	OH	50	84	587	15,365	now K8ZR
	N8WNA	MI	50	39	498	7,227	
	N8CJK	MI	50	---	---	---	
	N8PUM	MI	49	25	338	5,589	
	K2YAZ	MI	36	4	177	5,780	
9							
	W9RPM	WI	50	132	838	16,059	
	W9RM*	IL	50	126	889	13,712	
	W9VHF	IN	50	119	728	13,766	
	W9JUV (SK)	IL	50	109	400	15,903	
	W9VA	IL	50	104	560	13,670	
	KC9KBB	IL	50	102	---	14,050	
	K9CT	IL	50	91	662	---	
	AJ9C	IN	50	90	413	10,779	
	WA9ASZ	IN	49	28	307	8,880	
	W9WZJ	IN	47	76	---	---	
	K9MU	WI	50	63	540	10,447	
	WA9PWP	WI	50	62	510	10,400	
	W9GM	WI	50	57	410	11,312	
	KX9X	IL	50	81	397	---	
	N0AKC	WI	50	39	519	13220	
	KA9UVY	IL	50	37	312	7,969	
	NG9R	IL	49	28	311	8,373	
	WV9E	WI	47	8	254	---	
0							
	K0GU	CO	50	154	1111	17,142	
	NW0W	MO	50	150	300	14,675	
	KM0A	MO	50	134	975	16,209	
	N0LL	KS	50	130	888	14,901	
	K0AZ	MO	50	127	762	14,392	
	K0FF	MO	50	126	741	16,246	
	N0KE	CO	50	115	700+	---	
	W0FY	MO	50	110	816	14,100	
	W0VTT	MN	50	107	721	14,650	
	WA0KBZ	MO	50	105	627	16,354	
	W0WOI	IA	50	89	---	9,817	

	K0CS	CO	50	84	533	13,409
	N0PB	MO	50	75	503	13,246
	KB0PE	MO	50	63	502	10,211
	W0JW	IA	50	61	643	13,847
	K0KP	MN	50	54	554	10,051
	K0AWU	MN	50	55	539	15,318
	WY0V	IA	50	43	199	10,535
	W0LD	CO	50	42	180	---
	W0RT	KS	50	40	170	13,651
	K0SIX	MN	50	36	561	---
	WB0ULX	SD	50	31	498	9,335
	K0BJ	KS	44	14	263	---
	W6GMT	MN	47	5	376	---
	K0RZ	CO	37	4	138	4,653
Canada						
	VE1YX	NS	50	183	1282	15,515
	VE9AA	NB	50	141	---	15,260
	VE3KU	ON	50	121	453	15,175
	VE3KKL	ON	50	119	618	18,207
	VE2XK	PQ	50	119	941	14,035
	VA3DX	ON	50	118	589	10,128
	VE3KH*	ON	49	69	359	---
	VE2GT	PQ	49	57	433	6,104
DX						
	ON4GG	ON	50	252	1250	18,829
	ON4IQ	ON	50	250	1348	18,829
	IK0FTA	I	42	239	1190	18,236
	G4IGO*	G	50	233	1181	19,104
	G3WOS*	G	---	233	1109	---
	SM7FJE	SM	50	229	2121	18,103
	JA7QVI	JA	50	227	1487	18,613
	G0JHC	G	46	226	1203	15,951
	VK3OT	VK	21	132	1000	15,910
	NP3CW	PR	50	134	585	13,533
	HH4/W3CMP	HH	---	56	---	---
	W3CMP/VP9	VP9	36	39	---	---
	* Includes EME contacts					
	--- = Not provided					

144 MHz						
144 MHz Standings						
	Call sign	State	States	DXCC	Grids	DX
			Worked	Entities	Worked	(km)
Call Area				Worked		
1						
	K1CA*	NH	50	150	---	---
	W1IPL *	ME	50	123	---	14,883
	K1OR*	NH	50	111	353	16,992
	W3TWX *	VT	38	42	161	1,984
	K1MS *	MA	50	32	---	2,166
	W1JR *	NH	50	26	207	17,265
	W1AIM *	VT	50	18	232	2,340
	K1SIX *	NH	43	14	201	2,501
	W3EP/1	CT	37	3	199	2,450
	W1ZC	NH	35	2	189	2,490
	WA1FVJ	CT	27	2	55	2,200
	NE1B	NH	24	2	55	2,056
	K1WVX	CT	18	2	53	1,093
	KX9X	CT	17	2	37	1,665
	K1VU	MA	13	2	29	762
2						
	K1JT *	NJ	50	122	601	2,369
	W2HRO	NJ	50	77	---	---
	K2OS*	NY	50	34	200	2,133
	W2CNS*	NY	50	22	74	2,367
	NY2NY*	NY	38	6	175	2,812
	K1NY	NY	38	4	151	2,576
	W2UAD	NY	39	3	143	2,323
	WB2CUT	NJ	37	2	164	---
	W2MPK	NY	37	---	---	---
3						
	AE3T *	PA	50	103	---	2,488
	W3CMP *	PA	50	64	409	2,455
	WA2FGK *	PA	50	50	367	---
	NZ3M*	PA	41	29	233	8,784
	AK3E	MD	36	4	178	---
	W1DGA	MD	37	3	147	---
	N3JNX	PA	19	4	67	1400
	K3TUF	PA	33	2	112	---
	N3TEE	DE	12	1	18	817

4						
N9HF *	FL	50	103	91	2,510	
K2BLA *	FL	39	101	403	15,402	
W8WN*	KY	50	99	589	---	
W8WN*	KY	50	76	535	15,560	
N4QWZ	TN	49	63	349	2,295	
W4AS*	FL	35	41	208	--	
AD4TJ*	VA	48	28	356	6,449	
K4MM*	FL	36	26	191	12,401	
W4WA	GA	42	7	167	7,922	
K4QI	NC	38	6	231	---	
K1HTV	VA	26	6	172	2,993	
K0VXM	FL	26	6	152	2,164	
N4MM	VA	35	5	153	---	
K4RF	GA	40	4	212	2,147	
K4ZOO	VA	38	4	198	2,162	
K4RWP	TN	39	3	174	2,323	
AA4H	TN	38	3	170	2,007	
N4HN	NC	37	3	182	2,414	
K4RTS	VA	37	3	184	2,160	
K4MSG	VA	31	2	107	1,656	
K4YMQ	AL	30	2	120	1,754	
W4SW	VA	16	2	40	838	
5						
K5QE*	TX	50	115	561	14,156	
W5ZN	AR	50	113	860	16,516	
N5DG*	TX	50	106	---	---	
W5UWB *	TX	50	78	299	2,332	
W5ADD*	LA	48	64	296	---	
N5KDA*	MS	49	62	396	15,220	
WD5AGO *	OK	50	32	220	2,050	
K5YY *	AR	50	31	498	2,510	
WA5VJB *	TX	50	19	---	---	
W5LUA *	TX	50	---	160	---	
AA5AM	TX	42	15	280	2,271	
K5UR	AR	48	5	517	---	
K5SW	OK	47	5	298	2,378	
N5LJL	OK	48	3	220	2,472	
K5YPV	MS	42	3	210	2,902	
NL7CO	OK	41	3	214	---	
AF5CC	OK	40	3	170	2,171	

	K5LLL	TX	39	3	208	2,089	
	W5HNK	TX	37	3		2,442	
	WA5LFD	TX	28	3	131	---	
	K0XXX	AR	26	3	85	1,971	
	W5OZI	TX	24	2	138	2,268	
6							
	K6AAW *	CA	50	66	414	3,831	
	KC6ZWT *	CA	43	48	384	3,934	
	K6PF *	CA	47	41	223	4,013	
	KR7O *	CA	26	34	252	2,134	
	KF6A*	CA	19	25	122	3,766	
	K6KLY *	CA	23	22	---		
	N6ZE *	CA	22	16	115	2,600	
	K6QXY *	CA	24	8	---	3,794	
	W6TOD	CA	21	3	---	---	
7							
	W7GJ *	MT	50	204	---	17602	
	AA7A*	AZ	50	167	825	15,247	
	W7MEM *	ID	50	103	566	16,654	
	W7EME*	OR	50	78	---	---	
	WO7R*	AZ	50	73	192	13,568	
	W7RV*	AZ	50	35	275	2,937	
	KC7V*	AZ	33	65	245	15,411	
	WA7GSK	ID	30	2	215	3,635	
	KC1BB*	AZ	20	44	110	13,423	
	N7IR	AZ	19	2	57	1,964	
	K7CW *	WA	17	13	127	2,518	
	W7FI	WA	16	3	---	4,333	
	N7IR	AZ	6	1	21	1,964	
8							
	W7JW*	MI	50	100	618	---	
	W8PAT*	OH	50	94	436	13,459	
	K8BHZ *	MI	50	45	362	2,278	
	WA8RJF *	OH	44	27	227	2,131	now K8ZR
	N8IEZ	MI	32	2	171	2,379	
	K2YAZ	MI	38	2	165	2,167	
	K8DIO	OH	38	---	---	1,871	
	K8ROX	OH	40	2	151	1,915	
	KF6A *	MI	32	10	147	2,197	
	N8PUM*	MI	27	5	131	2,188	
	N8WNA	MI	27	2	96	1,933	

	WA8WV	WV	22	2	42	1,713	
9							
	AA9MY *	IL	50	82	467	2,045	
	N0AKC *	WI	50	73	400	14,687	
	N9LR *	IL	50	50	511	2,274	
	W9RPM*	WI	45	49	212	2,670	
	W8BYA	IN	43	4	403	2,269	
	NG9R	IL	18	4	70	1,767	
	W9RM	IL	45	3	228	2,384	
	WV9E	WI	22	3	64	N/P	
	KA9UVY	IL	43	2	164	2,373	
	N9KC	IL	42	2	125	---	Now KT1R
	WA9PWP	WI	32	2	145	1,940	
	W9WZJ	IN	23	2	108	---	
0							
	K0AWU *	MN	50	53	421	2,343	
	K0KP*	MN	43	53	324	15,207	
	N0KE*	CO	44	46	246	---	
	K0GU *	CO	42	40	350	2,400	
	K0FF *	MO	50	35	267	2,185	
	W0LD *	CO	50	26	167	2,373	
	KM0A*	MO	47	25	427	2,767	
	W0RT *	KS	50	17	206	2,357	
	WA0KBZ *	MO	45	16	209	8,507	
	K0AZ*	MO	43	9	215	2,384	
	N0PB	MO	48	5	315	2,474	
	N0LL	KS	48	3	395	2,378	
	NW0W	MO	17	3	---	1,688	
	KW0A	MO	45	2	245	2,501	
	WB0ULX	SD	45	2	2330	---	
	W0VTT	MN	40	2	147	2,086	
	K0SIX	MN	38	2	141	---	
	KB0PE	MO	29	1	111	1,702	
	K0RZ *	CO	26	2	107	2,173	
	K0CS	CO	26	2	83	2,177	
	W6HCC	CO	4	2	---	3,950	
	AE0G	NE	45	1	214	2,245	
Canada							
	VE3KH *	ON	50	68	428	1,985	
	VE3KU*	ON	39	4	---	3,511	
	VE2GT *	PQ	14	2	52	1,781	

DX						
	XE2AT *	XE	50	130	531	2,191
	PA3CEE *	PA	33	118	751	18,346
	DL8EBW *	DL	39	99	826	18,588
	ZS5LEE	ZS	31	92	277	17,245
	NP3CW	KP4	2	1	20	6,390
	VK3OT	VK	---	5	300	2,879
	* Includes EME contacts					
	--- = Not provided					
222 MHz						
222 MHz Standings						Notes
			States	DXCC	Grids	DX
			Worked	Entities	Worked	(km)
Call Area	Call sign	State		Worked		
1						
	W1JR *	NH	47	4	89	5197
	W1AIM	VT	22	2	59	2,021
	K1WVX	CT	10	1	13	691
2						
	K2OS	NY	26	2	50	1,559
	K1JT	NJ	21	2	62	1,727
	NY2NY	NY	19	2	38	1,984
	W2CNS	NY	12	3	30	626
3						
	WA2FGK	PA	34	2	90	5,274
	K3TUF	PA	20	2	66	---
	NZ3M	PA	12	2	28	598
4						
	N9HF *	FL	50	4	57	1,525
	K4RF	GA	37	2	105	1,968
	AA4ZZ	NC	34	2	103	1,987
	K4QI	NC	34	2	96	---
	N4QWZ	TN	31	2	112	---
	W4WA	GA	29	2	89	2,143
	K4ZOO	VA	27	4	94	1,690
	AA4H	TN	27	2	81	1,737
	K4RTS	VA	22	2	70	1,345
	K0VXM	FL	13	1	56	1,747
	KC4AYX	TN	9	2	---	1,289

	W4SW	VA	9	1	23	641	
	W4AS	FL	5	1	14	--	
5							
	W5ZN	AR	50	4	145	6375	
	W5LUA *	TX	50	4	100	2259	
	K5UR	AR	42	2	220	---	
	WB5AFY	TX	34	2	92	2,421	
	K5SW	OK	33	2	135	2,059	
	K5QE	TX	27	4	86	1,736	
	W5UWB	TX	23	2	63	2,197	
	K5YY	AR	22	1	78	1,560	
	WA5VJB	TX	18	---	---	1,830	
	K5LLL	TX	17	2	70	2,089	
	AA5AM	TX	13	1	49	1,100	
	WD5AGO	OK	12	2	30	1,975	
	K5YPV	MS	10	1	21	1,198	
	AF5CC	OK	2	1	5	101	
6							
	KR7O	CA	11	3	59	1,638	
	W6TOD	CA	10	2	--	--	
	KC6ZWT	CA	9	2	53	1,371	
	K6QXY	CA	4	3	32	3,794	
	N6ZE	CA	1	1	14	583.5	
7							
	W7RV	AZ	12	3	55	1,740	
	W7MEM	ID	9	2	25	3,344	
	W7EME	OR	---	---	22	---	
	N7IR	AZ	3	1	17	536	
8							
	W8PAT	OH	35	2	88	2,057	
	WA8RJF	OH	28	2	91	1,733	now K8ZR
	K8DIO	OH	28	---	---	1,355	
	K2YAZ	MI	23	2	76	2,167	
	N8WNA	MI	17	2	52	1,042	
	N8IEZ	MI	12	2	42	1,034	
	N8PUM	MI	10	2	36	1,390	
	K8ROX	OH	12	2	15	1,239	
	N8PVT	MI	7	1	23	1,247	
9							
	N9LR	IL	38	2	135	1,808	
	KA9UVY	IL	28	1	66	1,536	

	AA9MY	IL	25	2	64	1,751
	W9RPM	WI	22	2	205	1,400
	W9RM	IL	21	2	71	1,974
	N0AKC *	WI	20	2	55	2,037
	NG9R	IL	6	1	20	684
	WV9E	WI	9	1	22	N/P
0						
	N0LL	KS	25	2	112	1,900
	K0AWU	MN	24	2	77	2,008
	W0VTT*	MN	23	2	56	1,959
	KB0PE	MO	21	1	65	1,033
	K0FF	MO	18	1	52	1,174
	K0RZ	CO	17	2	45	2,002
	W0RT	KS	17	2	21	1,584
	K0SIX	MN	15	2	51	---
	WB0ULX	SD	12	2	37	894
	K0GU	CO	10	1	18	1,913
	W0LD	CO	3	1	3	632
Canada						
	VE3KU	ON	21	2	80	1,891
	VE3KH	ON	15	2	51	1,093
	VE2GT	PQ	9	2	33	694
	* Includes EME contacts					
	--- = Not provided					
432 MHz						
432 MHz Standings						Notes
	Call sign	State	States	DXCC	Grids	DX
			Worked	Entities	Worked	(km)
Call Area				Worked		
1						
	W1JR *	NH	50	41	191	17265
	K1OR*	NH	26	17	---	11,076
	W1ZC*	NH	20	3	74	1,948
	W3EP/1	CT	20	2	67	1,760
	W1AIM	VT	18	2	56	1,725
	K1VU	MA	11	1	16	814
	WA1FVJ	CT	10	1	14	400
	K1WVX	CT	10	1	13	691
2						

	K2OS*	NY	50	29	158	2,033
	W2CNS	NY	26	3	89	1,582
	NY2NY*	NY	19	4	51	1,879
	K1JT	NJ	17	2	54	757
3						
	AE3T	PA	23	2	---	1,363
	NZ3M*	PA	22	4	46	6,527
	WA2FGK	PA	22	2	82	1,596
	K3TUF	PA	22	2	71	---
	N3JNX	PA	11	1	33	453
4						
	W4TJ *	VA	43	40	190	---
	K4QI*	NC	39	51	262	---
	N4QWZ	TN	32	2	142	1,601
	AA4ZZ	NC	32	2	102	1,255
	K4RF	GA	28	2	96	1,742
	K4CSO	GA	25	1	114	1,582
	W4WA	GA	25	2	88	1,506
	K4ZOO	VA	24	2	82	1,444
	K4RWP	TN	22	2	52	1,046
	K4RTS	VA	21	2	71	1,345
	AA4H	TN	21	1	61	1,737
	N4MM	VA	19	3	58	---
	N9HF	FL	17	11	12	1608
	N4HN	NC	14	1	41	---
	K0VXM	FL	13	3	61	2,164
	K1HTV	VA	9	2	53	1,249
	W4SW	VA	9	2	22	521
	K4MM	FL	8	2	34	1,691
	K4MSG	VA	8	1	19	492
	W4AS*	FL	2	4	18	---
5						
	W5LUA *	TX	50	57	233	2068
	WB5AFY	TX	46	27	183	1,882
	WD5AGO *	OK	40	23	150	1,740
	W5ZN	AR	35	15	160	10,525
	K5UR	AR	31	2	220	---
	K5SW	OK	31	2	144	1,273
	K5YY	AR	30	2	161	1,780
	K5QE *	TX	29	4	62	9,476
	K5YPV	MS	25	3	118	1,327

	WA5VJB	TX	23	---	---	2,108	
	W5HNM *	TX	20	1	---	1,651	
	K5LLL	TX	16	2	98	1,673	
	W5UWB *	TX	14	7	49	2,167	
	WA5LFD	TX	13	1	49	---	
	AA5AM	TX	12	2	67	1,728	
	N5KDA	MS	8	3	26	---	
	AF5CC	OK	6	1	32	1,855	
6							
	KC6ZWT *	CA	4	3	51	3,934	
	K6QXY	CA	4	3	36	3,794	
	W6TOD	CA	3	1	---	---	
	KR7O	CA	3	3	44	582	
	N6ZE	CA	1	2	18	1265	
7							
	W7MEM*	ID	27	28	103	16,030	
	W7EME	OR	18	18	69	16,030	
	W7RV*	AZ	7	4	56	712	
	K7CW	WA	3	2	21	465	
	WA7GSK	ID	3	1	12	---	
	N7IR	AZ	3	1	17	598	
	KC7V*	AZ	1	2	6	9,200	
8							
	W8PAT	OH	35	2	88	2,057	
	K2YAZ	MI	28	2	108	2,167	
	K8DIO	OH	26	---	---	1,817	
	N8IEZ	MI	26	2	76	1,354	
	WA8RJF*	OH	22	3	80	1,287	now K8ZR
	K8ROX	OH	17	2	51	1,104	
	N8WNA	MI	15	2	37	965	
	N8PUM	MI	13	2	45	1,368	
9							
	N9LR	IL	34	3	136	1,562	
	K3SIW/9	IL	34	2	136	1,469	
	KA9UVY	IL	27	2	84	1,409	
	AA9MY *	IL	25	3	68	1,567	
	N0AKC *	WI	20	15	72	14,020	
	W9RM	IL	19	2	85	1,445	
	W9RPM	WI	16	2	104	983	
	NG9R	IL	13	1	28	1,229	
	WV9E	WI	12	3	32	N/P	

	W9WZJ	IN	9	2	---	---
0						
	K0RZ *	CO	48	50	323	1,083
	W0RT	KS	30	1	105	1,940
	N0PB	MO	27	1	115	1,936
	N0LL	KS	21	2	115	1,690
	K0FF	MO	20	1	74	1,189
	KB0PE	MO	17	1	61	1,148
	K0AWU	MN	15	2	62	1,478
	K0SIX	MN	15	2	50	---
	WB0ULX	SD	13	2	53	1,282
	NW0W	MO	9	2	---	890
	W0LD	CO	8	1	15	1,032
Canada						
	VE3KH	ON	18	2	54	1,174
	VE2GT	PQ	9	2	37	694
DX						
	NP3CW	KP4	0	1	2	114
	* Includes EME contacts					
	--- = Not provided					
902 MHz						
902 MHz Standings						Notes
			States	DXCC	Grids	DX
			Worked	Entities	Worked	(km)
Call Area	Call sign	State		Worked		
1						
	K1WHS	ME	18	2	48	1,212
	W1JR	NH	10	2	28	634
	W1AIM	VT	9	2	26	1,078
2						
	K1JT	NJ	7	1	14	418
3						
	WA2FGK	PA	18	2	39	940
	K3TUF	PA	12	2	34	---
4						
	N9HF	FL	13	5	1	107
	W4WA	GA	10	1	25	906
	K4RTS	VA	10	1	25	821
	N4QWZ	TN	10	1	21	1,040

	AA4H	TN	8	1	16	560	
	K0VXM	FL	7	1	30	1,747	
	K4RF	GA	2	1	10	1,045	
	W4SW	VA	2	1	4	197	
5							
	W5LUA *	TX	23	5	85	1,730	
	W5ZN	AR	11	1	46	645	
	K5LLL	TX	9	1	32	1,608	
	WA5VJI	TX	7	---	16	715	
	AA5AM	TX	2	1	5	338	
	AF5CC	OK	1	1	1	1	
6							
	N6CA	CA	4		19	3,978	
	W6TOD	CA	1	1	--	--	
7							
	W7RV	AZ	1	1	2	56	
8							
	WA8RJF *	OH	14	2	37	1,306	now K8ZR
	K2YAZ	MI	11	1	38	960	
	N8PUM	MI	2	1	2	560	
9							
	K3SIW/9	IL	19	2	62	1,265	
	N0AKC	WI	6	1	21	433	
	KA9UVY	IL	6	1	10	819	
	NG9R	IL	1	1	1	185	
0							
	K0RZ	CO	11	1	83	734	
	K0AWU	MN	5	2	16	642	
	W6HCC	CO	6	1	27	489	
	W0LD	CO	6	1	5	984	
	KB0PE	MO	2	2	2	209	
Canada							
	VE3KH	ON	14	2	10	447	
	VE2GT	PQ	5	2	17	---	
	* Includes EME contacts						
	--- = Not provided						
1.2 GHz							
1.2 GHz Standings							Notes
			States	DXCC	Grids	DX	

			Worked	Entities	Worked	(km)
Call Area	Call sign	State		Worked		
1						
	W1AIM*	VT	20	17	639	1,103
	K1WHS	ME	20	2	55	1,688
	W1JR *	NH	13	4	36	5,787
	K1SIX	NH	12	3	39	987
	W1ZC	NH	12	2	19	1,116
	W3EP/1	CT	12	2	17	485
	K1VU	MA	2	1	2	66
	K1WVX	CT	2	1	2	58
2						
	W2CNS	NY	16	2	48	1,154
	NY2NY	NY	10	1	14	474
3						
	WA2FGK	PA	21	2	55	1,571
	K3TUF	PA	12	2	38	---
4						
	K4QI*	NC	41	32	190	---
	WA4NJP*	GA	28	25	82	1,696
	W4TJ *	VA	22	23	64	---
	N4QWZ	TN	18	1	36	1,040
	K4RF	GA	17	1	32	1,067
	K4ZOO	VA	13	1	31	675
	AA4ZZ	NC	13	1	26	1,201
	K4RTS	VA	12	1	29	821
	AA4H	TN	10	1	21	560
	K0VXM	FL	9	1	37	1,698
	W4WA	GA	7	1	35	1,506
	N4HN	NC	3	1	7	---
	W4SW	VA	3	1	3	127
	N9HF	FL	1	1	3	107
5						
	W5LUA *	TX	50	108	324	2,068
	WD5AGO *	OK	39	36	210	1,705
	WB5AFY	TX	26	17	97	1,221
	K5UR	AR	18	1	92	1,102
	K5SW	OK	17	1	60	1,570
	WA5VJB	TX	14	---	29	1,980
	K5YPV	MS	13	1	31	1,198
	W5ZN	AR	11	1	51	645

	K5LLL	TX	10	1	40	1,608	
	W5UWB	TX	7	1	14	1,664	
	W5H NK	TX	7	1	---	1,272	
	AA5AM	TX	2	1	5	338	
	N5KDA	MS	2	1	2	---	
	AF5CC	OK	1	1	3	60	
6							
	N6CA	CA	11	---	44	3,978	
	K6QXY	CA	4	3	24	3,794	
	KR7O	CA	2	1	14	444	
	N6ZE	CA	1	1	4	119.4	
	W6OYJ	CA	1	1	2	72	
	W6TOD	CA	1	1	--	--	
	N6VI	CA	1	1	11	-	
7							
	W7RV	AZ	7	2	27	664	
	W7MEM	ID	5	7	28	10,538	
	WA7GSK	ID	3	1	6	---	
	N7IR	AZ	1	1	9	324	
	W7EME	OR	---	---	6	213	
8							
	WA8RJF *	OH	19	10	60	1,306	now K8ZR
	K2YAZ	MI	18	2	58	1,300	
	W8PAT	OH	16	2	33	1,375	
	N8PUM	MI	6	1	7	802	
9							
	K3SIW/9	IL	23	2	80	1,265	
	N9LR	IL	19	2	61	1,151	
	AA9MY	IL	12	1	30	934	
	KA9UVY	IL	10	1	25	819	
	N8IEZ	MI	9	2	28	1,034	
	N0AKC	WI	7	1	20	550	
	NG9R	IL	2	1	8	349	
0							
	KB0PE	MO	15	1	26	939	
	N0LL	KS	13	1	54	1,321	
	K0RZ *	CO	12	1	88	734	
	W0RT	KS	8	1	10	1,065	
	K0AWU	MN	7	2	27	887	
	W0LD	CO	6	1	18	984	
Canada							

	VE2GT	PQ	4	2	16	278	
	VE3KH	ON	3	---	13	345	
	* Includes EME contacts						
	--- = Not provided						
2.4 GHz							
2.4 GHz Standings							Notes
			States	DXCC	Grids	DX	
			Worked	Entities	Worked	(km)	
Call Area	Call sign	State		Worked			
1							
	K1WHS	ME	18	2	45	1,212	
	W1JR	NH	11	2	11	414	
	W1AIM	VT	5	2	10	218	
3							
	WA2FGK	PA	14	1	32	900	
	K3TUF	PA	9	1	23	---	
4							
	W4WA	GA	7	1	11	572	
	K0VXM	FL	6	1	22	1,698	
	K4RTS	VA	4	1	6	535	
	K4RF	GA	4	1	6	293	
	W4SW	VA	4	1	5	364	
5							
	W5LUA *	TX	33	59	173	1,609	
	WD5AGO *	OK	20	26	85	400	
	W5ZN	AR	9	1	33	645	
	WB5AFY	TX	6	1	28	1,221	
	WA5VJB	TX	6	---	17	715	
	K5LLL	TX	5	1	22	1,608	
	AA5AM	TX	2	1	6	347	
6							
	N6CA	CA	5	---	20	3,798	
	N6VI	CA	1	1	11	474	
7	No reports						
8							
	WA8RJF *	OH	10	10	39	1,306	now K8ZR
	K2YAZ	MI	8	1	28	924	

9						
	K3SIW/9	IL	14	1	53	1,109
	N0AKC	WI	3	1	4	362
0						
	K0RZ	CO	11	1	82	734
	W6HCC	CO	7	1	28	450
	W0LD	CO	3	1	10	726
Canada						
	VE2GT	PQ	2	2	10	---
	VE3KH	ON	---	---	1	2
	* Includes EME contacts					
	--- = Not provided					
3.4 GHz						
3.4 GHz Standings						Notes
			States	DXCC	Grids	DX
			Worked	Entities	Worked	(km)
Call Area	Call sign	State		Worked		
1						
	K1WHS	ME	16	2	43	1,212
	W1AIM	VT	1	2	5	424
3						
	WA2FGK	PA	10	1	22	350
	K3TUF	PA	3	1	18	---
4						
	K0VXM	FL	4	1	18	1,802
	W4SW	VA	4	1	5	320
	K4RF	GA	2	1	2	293
5						
	W5LUA *	TX	20	39	85	1,609
	W5ZN	AR	6	1	25	645
	K5LLL	TX	5	1	11	1,608
	WB5AFY	TX	4	1	16	730
	WA5VJB	TX	4	---	10	327
	AA5AM	TX	1	1	4	159
6						
	N6CA	CA	5	---	20	3,978
	N6VI	CA	1	1	11	474
	W6OYJ	CA	1	1	2	344

8							
	WA8RJF	OH	6	2	14	1,306	now K8ZR
	K2YAZ	MI	4	1	7	843	
9							
	K3SIW/9	IL	11	1	44	936	
	N0AKC	WI	2	1	2	362	
0							
	K0RZ	CO	11	1	80	732	
	W6HCC	CO	4	1	21	489	
	W0LD	CO	3	1	6	828	
	KB0PE	MO	1	1	5	430	
Canada							
	VE2GT	PQ	2	2	10	300	
	VE3KH	ON	---	---	1	2	
	* Includes EME contacts						
	--- = Not provided						
5.6 GHz							
5.6 GHz Standings							Notes
		State	States	DXCC	Grids	DX	
			Worked	Entities	Worked	(km)	
Call Area	Call sign			Worked			
1							
	K1WHS	ME	16	2	39	1,212	
	W1AIM	VT	1	1	5	424	
3							
	WA2FGK	PA	7	1	11	472	
	K3TUF	PA	4	1	13	---	
4							
	K0VXM	FL	4	1	16	1,612	
	W4SW	VA	3	1	5	321	
	K4RF	GA	1	1	1	51	
5							
	W5LUA *	TX	16	41	92	1,609	
	WD5AGO *	OK	14	17	30	342	
	W5ZN	AR	11	3	30	645	
	WA5VJB	TX	3	---	8	327	
	AA5AM	TX	1	1	3	150	
6							
	N6CA	CA	5	---	20	3,978	

	N6VI	CA	1	1	11	474	
	W6OYJ	CA	1	1	1	344	
8							
	K2YAZ	MI	6	1	13	924	
	WA8RJF	OH	4	2	5	591	now K8ZR
9							
	K3SIW/9	IL	9	1	36	930	
0							
	K0RZ	CO	5	1	22	490	
	W6HCC	CO	5	1	22	489	
	KB0PE	MO	3	1	6	370	
Canada							
	VE2GT	PQ	1	2	8	300	
	* Includes EME contacts						
	--- = Not provided						
10GHz							Notes
10 GHz Standings							
			States	DXCC	Grids	DX	
			Worked	Entities	Worked	(km)	
Call Area	Call sign	State		Worked			
1							
	K1WHS	ME	14	1	33	1,212	
	W1AIM/1	RI	11	2	19	1,008	
	N1JEZ/1	VT	10	2	33	845	
	W1AIM/1	NH	8	2	19	595	
2							
	K2AXX	NY	11	2	30	798	
3							
	WA2FGK	PA	12	2	21	1,086	
	K3TUF	PA	6	1	17	604	
4							
	W4DEX	NC	17	1	28	1,214	
	W4SW	VA	7	1	11	717	
	K0VXM	FL	4	1	19	1,612	
	K4RF	GA	1	1	2	153	
	N9HF	FL	1	1	1		
5							
	W5LUA *	TX	22	38	183	1609	
	W5ZN	AR	9	1	20	645	

	WA5JJB *	TX	7	8	20	327
	AA5AM	TX	4	1	14	627
	K5LLL	TX	1	1	10	327
	W5UWB	TX	1	1	7	582
6						
	W6OYJ	CA	5	2	21	1,020
	N6CA	CA	4	---	18	3,978
	N6VI	CA	3	1	18	723
	KJ6HZ	CA	2	2	19	808
	KR7O/6	CA	1	2	13	610
	KR7O	CA	1	1	8	350
7						
	N0KGM	UT	1	1	8	184
8						
	K2YAZ	MI	7	1	21	924
	N8PUM	MI	1	1	2	561
9						
	W8BYA	IN	15	2	64	1098
	K3SIW/9	IL	8	1	26	564
	N0AKC	WI	1	1	1	1
0						
	K0RZ	CO	10	1	78	699
	W6HCC	CO	10	1	77	624
	K0AWU	MN	6	2	22	694
	KB0PE	MO	3	1	4	642
	W0LD	CO	1	1	2	264
Canada						
	VE3KH	ON	4	2	4	444
	VE2GT	PQ	3	2	10	420
	* Includes EME contacts					
	--- = Not provided					
24 GHz						
24 GHz Standings						Notes
			States	DXCC	Grids	DX
			Worked	Entities	Worked	(km)
Call Area	Call sign	State		Worked		
1						
	N1JEZ/1	VT	4	2	8	311
	K1WHS	ME	4	1	8	177

	W6HCC	CO	2	1	5	217	
	* Includes EME contacts						
	--- = Not provided						
75 GHz							
75 GHz Standings							Notes
			States	DXCC	Grids	DX	
			Worked	Entities	Worked	(km)	
Call Area				Worked			
5							
	W5LUA	TX	1	1	1	207.5	
	AA5AM	TX	1	1	1	22	
119 GHz							
119 GHz Standings							Notes
			States	DXCC	Grids	DX	
			Worked	Entities	Worked	(km)	
Call Area				Worked			
1							
	N1JEZ/1	VT	1	21	1	1.8	
5							
	AA5AM	TX	1	1	1	3.5	
	W5LUA	TX	1	1	1	3.5	