

Appendix I - Regional and State Statistics

Regional Information. By combining the on-line contests results into one spreadsheet, I have been able to identify the call-signs and band activity of every entrant in the SMC circle area. Some 233 stations have submitted 549 log entries in the ARRL VHF contests between 2002 and 2004 for the five state area covered by the SMC. The band capability of these contest-oriented stations in the five state region of the SMC are as follows:

Ops	Logs	Club	A	B	c	D	906	e	2.3	3.4	5.7	10	24	47	75	119	142	241	Lght
233	549	118	201	220	104	171	32	70	13	4	3	8	4	0	0	0	0	0	5

Almost all contest stations operate on 6 and 2 meters, but what's surprising is the depth of upper VHF / UHF band abilities. Around 75% of stations have 432 MHz, and over 40% are on 222. 70 stations, or 30% of the 233 contest ops have made contacts on 1.2 GHz, and 15% are even on 902 MHz. Microwave band usage falls off from there, with only 13 ops on 2.3 GHz, and a handful being on bands above that.

During the period between 2002 and 2004, 118 ops have submitted at least one club entry in the five state region of Iowa, Indiana, Illinois, Missouri, and Wisconsin. Major clubs active in this area, besides the SMC, include the Northern Lights Radio Society, the Badgers Contesters, and the Six Meter Club of Chicago. Other clubs having a few entries include: Cedar Rapids Microwave, Chicago FM club, Eastern Iowa DX Assn, Fox Valley, Green River Valley, Radio Amateur Megacycle Society, and the St. Clair Amateur Radio Club.

State Level Information. The same combined data-base can generate output for each state in the SMC service area.

State	Ops	Logs	a	b	c	d	906	E	2.3	3.4	5.7	10	24	47	75	119	142	241	Lght
IA	23	49	18	22	12	17	5	11	5	2	2	2	2	0	0	0	0	0	2
IL	112	273	90	106	54	87	19	37	6	2	1	3	0	0	0	0	0	0	2
IN	29	66	26	28	11	21	3	6	0	0	0	2	2	0	0	0	0	0	0
MO	13	21	13	9	2	7	0	2	0	0	0	0	0	0	0	0	0	0	0
WI	56	140	54	55	25	39	5	14	2	0	0	1	0	0	0	0	0	0	1

Illinois has the largest number of contest stations, followed by Wisconsin and the other three states in the SMC circle. The band usage for any one state follows the same pattern as the entire region – almost all ops have 6 and 2 capabilities, and a very high percentage also have 432. Iowa has almost as much microwave activity as does the much larger state of Illinois, and this is likely due to several individuals in that state putting great emphasis on microwave capability.