

2010 ARRL November Phone Sweepstakes Results

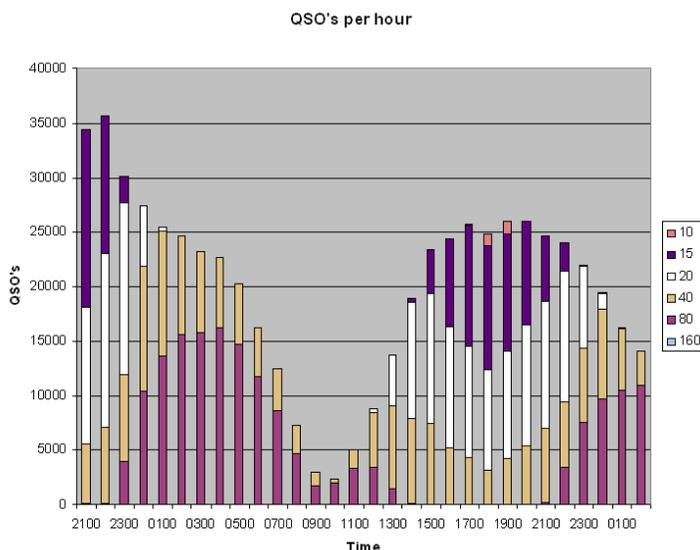
By Steve London, N2IC <n2ic@arrl.net>



“My unbroken string of missing the sweep remains intact! – AL9A”

Phone Sweepstakes continues to be one of the leading events of the contest season. Extreme weather on the West Coast hampered many participants with power outages and damaged antennas, but many still found a way to get on the air. The rest of us were undeterred by what we hope is only a temporary hiatus in sunspot cycle 24. This year, 1790 logs were submitted, reporting over 600,000 QSOs. When you add in those that did not submit a log you get a total of 4500 participants!

Evening, nighttime and early morning conditions on the low bands were outstanding, with 80 and 40 meters supporting equal numbers of QSOs. 20 meters continues to be the daytime workhorse. Despite the sunspots, the number of 15 meter QSOs was down from last year. However, 10 meters showed some real improvement, with a solid opening between the northeast USA and the West Coast



around noontime on Sunday as you can see at right in the chart of QSOs made during each hour of the contest.

To set a new record, you had to choose your operating category carefully, and put in a maximum effort. Only 6 new Division records were set and 30 new Section records as shown in the table on page 6.

The Ever-Elusive Clean Sweep

With challenging conditions making personal, Division and Section records a challenge, the “Clean Sweep” (working at least one station in each of the 80 ARRL Sections) becomes the goal for many participants. This year 287 earned a Clean Sweep, an increase of 5 Sweeps over 2009. Another 132 operators came so close – missing only one section. What sections were the toughest? This year it was Puerto Rico (27 missed Sweeps), Newfoundland-Labrador (15 missed Sweeps), and Northwest Territories (14 missed Sweeps). You can see all of the “missed-by-one” sections in the chart on the next page.

For those of you still shaking your head, all three of those sections were well represented thanks to WP3US, NP4G, NP4A, NP3D, NP3CW, VO1KVT, VO1TA, VO1HE, VO1HP, VE8EV, VE8GER, VE8NSD and VY1EI. Many thanks to those ops for making their rare sections available. In the next tier of uncommon sections the Pacific, Quebec, Manitoba, and Mississippi sections were in demand.

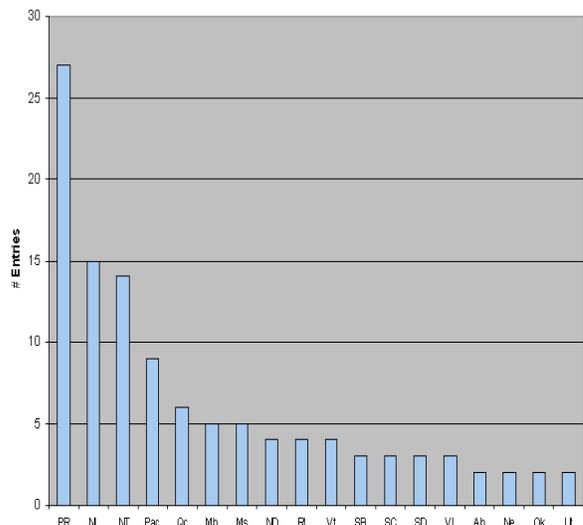
Who was the first to earn a Clean Sweep this year? That honor goes to the W6YI Multi-Op team, only 5 hours and 8 minutes into the contest. Their last section? Vermont! W7WA was the first Single-Op station to make the Sweep at 0247Z. The table “First 20 Clean Sweeps” lists the earliest achievers.

Clean Sweep Winners

AA1AR	K9BGL	N5WR	W2RDS
AA6PW	K9CT	N6BV	W2RQ
AA8HH	K9JM	N6DE	W2VQ
AB2DE	K9MMS	N6EE	W3ABT
AB4GG	K9OR	N6FS	W3BW
AE1P	K9PJ	N6GQ	W3DQ
AE5T	K9WX	N6HC	W3FV
AE6Y	K9WZB	N6QQ	W3IUU
AF1T	K9ZM	N6RK	W3JK
AG5Z	KA1ARB	N6WM	W3KL
AI0Q	KA2D	N7KA	W3TZ
AJ9C	KB0HH	N7TR	W3UL
AK6M	KB5YLG	N8BB	W3WC
K0FVF	KB8UUZ	N8HR	W3ZZ
K0GND	KD0S	N8II	W4AAA
K0HB	KD4SN	N8OO	W4LT
K0HC	KE1B	N8TR	W4MPS
K0LUZ	KE9I	N9AVY	W4MYA
K0OU	KF2U	N9AX	W4NF
K0RH	KF6I	N9FN	W4PM
K0TO	KF6T	N9JF	W4SVO
K1DG	KG4W	N9NC	W4YE
K1GU	KG5VK	N9VI	W4YK
K1KD	KG8CW	N9WKW	W5JJ
K1LZ	KH6MB	NA4CC	W5MX
K1RM	KH7Y	NA4K	W5RQ
K1TO	KI0F	NB2T	W5RU
K2CC	KI7MT	NC1I	W5WMU
K2DFC	KJ3X	ND8L	W6BX
K2DSL	KK5LO	NF4A	W6KC
K2NNY	KM2O	NG2P	W6RK
K2PLF	KM6I	NI6T	W6TK
K3AN	KO7X	NJ1Q	W6XU
K3MD	KR4F	NK7J	W6YI
K3MJW	KS5Z	NK7U	W6YX
K3MM	KT4Q	NN3W	W7RN
K3TN	KV2M	NN7ZZ	W7WA
K3WW	KW8N	NP4G	W7YAQ
K3ZJ	KY5R	NR5M	W7ZR
K3ZQ	N0GF	NS4SC	W8BI
K4AB	N0KK	NV4B	W8KEN
K4BP	N0MA	NW3R	W8MJ
K4FT	N0ODK	NW4V	W8TM
K4QPL	N1CC	NX2X	W8VCK
K4RG	N1LN	NX5M	W9ELI
K4SO	N1YX	NX6T	W9GIG
K4SSU	N2BJ	NY3A	W9IU
K4TS	N2IC	VA1CHP	W9QL
K4WI	N2MM	VA3BD	W9YK
K4XD	N2NC	VA3DX	WA6KHK
K4ZGB	N2SQW	VE3RZ	WB0TEV
K5IX	N2UT	VE5PV	WB1GQR
K5KG	N2XQM	VE5SF	WB2REM
K5TA	N3AFT	VE5ZX	WB4OMM
K5TR	N3BM	VE6AO	WC2W
K5VIP	N3FX	VE6EX	WD8EOL
K6AAX	N3OC	VE7CC	WD9CIR
K6EZ	N3PF	VE8EV	WK4P
K6GT	N4DJ	VE9AA	WM3O
K6LL	N4FX	VE9HF	WN3R
K6ND	N4HXI	VE9MY	WQ5L
K6RIM	N4JF	W0BR	WR9L
K6SV	N4JOW	W1AN	WT9U
K6TU	N4KG	W1MAW	WW0AL
K6XX	N4KIT	W1NG	WW4LL
K7IR	N4MM	W1NK	WW9R

K7RL	N4NW	W1QK	WX7P
K7XC	N4PN	W1WEF	WX9U
K7ZSD	N4ZZ	W1XX	WY3P
K8BL	N5JB	W2GDJ	WY7SS
K8THU	N5KAE	W2NY	WZ8T
K8ZZU	N5RZ	W2PV	

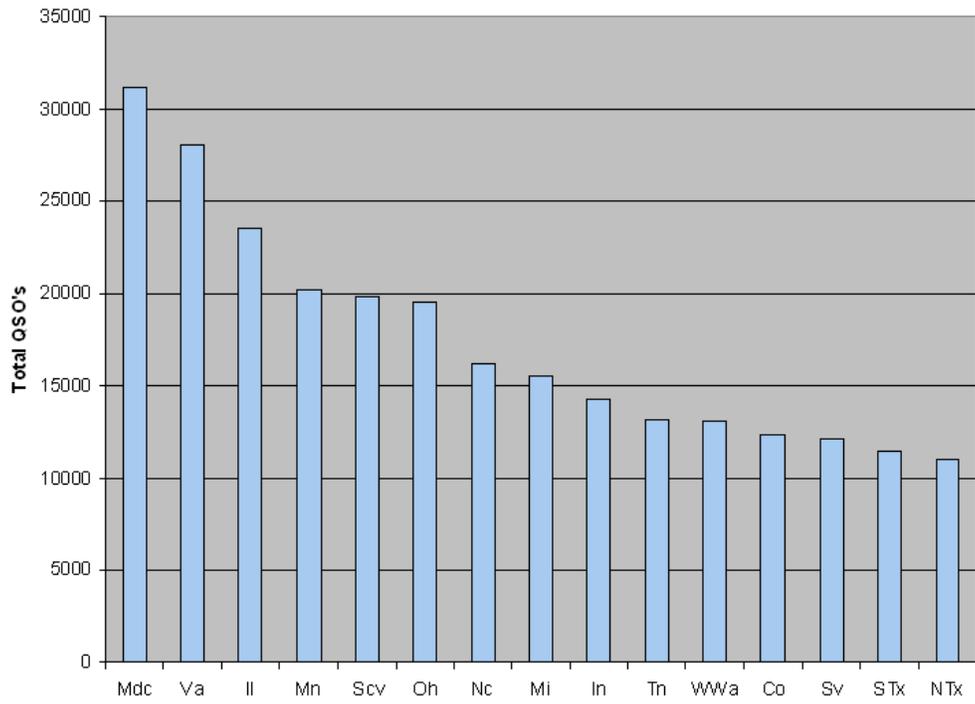
79 Multipliers - Missed Sections



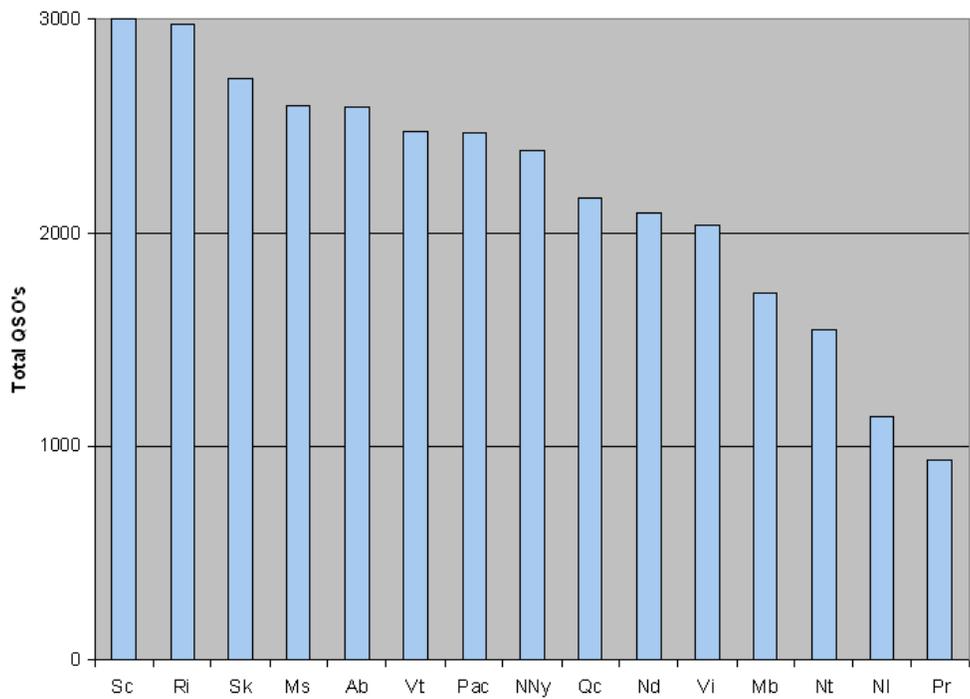
First 20 Clean Sweeps

Station	Time	Last Section Worked
W6YI	0208	VT
W2PV	0239	MAR
W7WA	0247	AB
NK7U	0634	NLI
N5JB	0638	QC
N3OC	0721	PR
W3KL	1040	PR
N1LN	1049	PR
KF6T	1120	SC
K3WW	1133	PR
W2RDS	1137	PR
N2BJ	1152	PR
K2NNY	1157	NL
W8MJ	1200	PR
NN3W	1203	PR
K1LZ	1204	VI
K4WI	1205	CT
N6WM	1206	PR
N4PN	1221	NL
K6SV	1224	ND

Most-Worked Sections



Least-Worked Sections



Close Races

Every year there are a number of very close Section races. Some of these are completely accidental – in one race the two participants didn't even know they were competing in the same category – while others were clearly rivalries extending back many years.

Close Races				
Winner	Runner-Ups	Section	Category	Margin of Victory (#QSOs)
W7ZR	WAØKDS	AZ	A	44
N9LYE	AA9RT, WR9L	IL	A	31,30
W3CB	KB3OK, NS3T	MDC	A	13,12
KD5LNO	KB5YLG	NTX	A	23
N5UWY	W5GFI	OK	A	15
N7LOX	K7SS	WWA	A	34
N8OO	W5WMU	LA	B	50
NX9T	WK4P	NC	B	40
N7TR	K7XC	NV	B	13
K2DFC	W2VQ	NNJ	U	31
WBØTEV	N1CC,N5JB	NTX	U	1,8
VE6EX	VE6AO	AB	M	5

This year the most exciting close race was the Single-Op, Unlimited category in the North Texas Section. There was a three-way battle between WBØTEV, N1CC, and N5JB. Only 1 QSO separated WBØTEV from N1CC and 7 more QSOs from N5JB! In the Alberta Multi-Op category VE6EX won over VE6AO by a margin of only 5 QSOs!

Thanks to great club activity Maryland-DC is always a competitive section. This year in the Single-Op, Low Power category, W3CB came out on top only 13 QSOs ahead of KB3OK and NS3T.

These weren't the only close races as shown in the table "Close Races". These races are often decided by which operator was the most accurate. [*Such as in this year's CW Sweepstake – Ed.*] The Accuracy Honor Roll table lists stations whose operating gives us all something to shoot for – a log with more than 500 QSOs and less than 1% errors. (An error is any miscopied call sign or exchange information or a QSO not found in the other station's log.)

Accuracy Honor Roll							
Call	# QSOs	Category	Error Rate (%)	Call	# QSOs	Category	Error Rate (%)
K1GU	670	U	0.1	N4BP	1245	B	0.8
N9CK	718	A	0.3	N5UWY	513	A	0.8
N9IO	552	U	0.5	ND8L	590	U	0.8
W3BW	629	U	0.5	VE3RCN	705	A	0.8
K1OU	513	A	0.6	W4MR	598	U	0.8
K1TO	634	B	0.6	W7YAQ	793	A	0.8
K4XD	709	U	0.6	W9FZ	640	A	0.8
K9OR	538	U	0.6	WA6FGV	610	A	0.8
N2UT	819	B	0.6	KØOB	846	U	0.9
W8TM	619	A	0.6	K9JM	533	B	0.9
KB9OWD	558	A	0.7	N6DE	994	U	0.9
W2ID	596	A	0.7	VE3RZ	731	U	0.9
KH6LC	506	Q	0.8	W9YK	626	M	0.9

Error Rates by Category – Stations Making Over 100 QSOs							
Category	Average	Best	Worst	Category	Average	Best	Worst
High-Power	3.9	0.0	19.9	Unlimited	3.5	0.0	34.7
(Top 10 only)	2.1	1.2	3.4	(Top 10 only)	2.5	1.1	4.2
Low-Power	4.5	0.0	25.9	Multi-Operator	4.5	0.5	13.6
(Top 10 only)	2.9	1.3	4.4	(Top 10 only)	3.2	1.6	6.2
QRP	3.4	0.0	11.9	School	5.0	1.0	20.2
(Top 10 only)	1.7	0.6	3.8	(Top 10 only)	3.7	1.0	9.7

Regional Leaders

Q = Single-Op QRP, A = Single-Op, Low Power, B = Single-Op High Power, U = Single-Op Unlimited, M = Multioperator

Northeast Region			Southeast Region			Central Region			Midwest Region			West Coast Region		
New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections			Delta, Roanoke and Southeastern Divisions			Central and Great Lakes Divisions; Ontario Section			Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections			Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections		
Call	Score	Cat	Call	Score	Cat	Call	Score	Cat	Call	Score	Cat	Call	Score	Cat
VY2ZM (K1ZM, op)	349,022	B	NN3W (@ N4RV)	293,920	B	K9CT	252,960	B	N2IC	333,920	B	K7RL	338,080	B
VY2TT (K6LA, op)	271,760	B	K4SSU (NA4BW, op)	280,000	B	K9BGL	242,560	B	NR5M	332,320	B	W7WA	324,960	B
NC1I (K9PW, op)	269,120	B	W4SVO	268,640	B	WT9U	188,960	B	K5TR	312,000	B	WC6H	282,662	B
K1LZ	267,840	B	K4AB	259,360	B	K8AO	168,792	B	KDØS (WDØT, op)	309,920	B	N6BV	258,080	B
K8PO	249,018	B	N8OO	253,440	B	W9RE	123,714	B	NØQO	289,456	B	KL7RA (AL7IF, op)	240,002	B
KU2M	196,078	A	W4AAA (KK9A, op)	236,960	A	AJ9C	203,040	A	VE5ZX	169,760	A	W7ZR	156,800	A
KS2G	97,644	A	N4PN	199,040	A	W5MX	189,280	A	K7VU	150,100	A	WAØKDS	149,942	A
K2UF	97,050	A	W4LT	178,080	A	K8BL	161,920	A	VE5SF	127,360	A	K9WZB	132,800	A
W2ID	94,168	A	NA4K	176,320	A	N9CK	113,444	A	KØOU	117,440	A	W7YAQ	126,880	A
K2DSL	83,840	A	WA3OFC	106,176	A	VE3RCN	111,390	A	KØCN	104,104	A	K7EKM	122,664	A
W1XX	96,320	Q	N4JF	69,280	Q	VA3DF	59,250	Q	NØKK (@ NØAT)	109,440	Q	KH6LC (NH6V, op)	79,948	Q
KA1LMR	67,624	Q	NA4CW	52,104	Q	KT8K	46,800	Q	NDØC	67,392	Q	NN7SS (K6UFO, op)	70,350	Q
KF2U	41,600	Q	KC5WA	26,220	Q	AI9K	13,250	Q	NØKE	56,248	Q	K6OO	47,880	Q
N3UR	41,172	Q	K4JC	18,000	Q	N9NE	12,768	Q	KIØOV	52,984	Q	WA7PVE	26,520	Q
K5ZD	35,700	Q	KD4YDD	16,500	Q	K9ZO	10,368	Q	AE5GT	38,160	Q	W7PT	17,808	Q
WB1GQR (W1SJ, op)	276,640	U	N4ZZ	265,920	U	KW8N	267,520	U	K1KD	243,840	U	K7ZSD	269,280	U
K3MM	266,560	U	W4NF	230,880	U	W8MJ	258,560	U	NØXR (@ NØNI)	243,162	U	KH7Y (KB7Q, op)	227,200	U
NY3A	253,600	U	AB4GG	199,040	U	N2BJ	246,560	U	WA5ZUP	221,200	U	KF6T	207,200	U
N2MM	200,640	U	N1LN	172,800	U	KE9I	226,560	U	WØYV	151,838	U	K6LL	196,960	U
K3DNE	180,436	U	KU1T	163,056	U	WW9R	137,280	U	KØOB	133,668	U	W7RN (KZ2V, op)	196,640	U
W2PV	266,720	M	KA1ARB	271,040	M	N8HR	265,920	M	WØNO	297,040	M	W6YI	329,760	M
N3OC	252,320	M	W5RU	269,760	M	WD9CIR	148,960	M	WY7SS	272,320	M	NK7U	282,080	M
K2NNY	233,120	M	WW4LL	239,200	M	W9YK	100,160	M	NØGF	235,520	M	K7IR	250,400	M
K3MIM	222,780	M	NP2B	228,468	M	W8BI	87,840	M	K5CM	230,522	M	KH6MB	215,040	M
W3IDT	214,406	M	W4MYA	220,640	M	KC8IMB	80,580	M	KØFVF	209,920	M	K6SU	172,220	M

New Section and Division Records					
Call	Score	Category	Section	Division	Division Record?
K1LZ	267840	B	EMA	New England	
W1AF	53172	S	EMA	New England	
K8PO	249018	B	ME	New England	
W1XX	96320	Q	RI	New England	
W2PV	266720	M	WMA	New England	
KU2M	196078	A	NNJ	Hudson	Yes
K2CC	87680	S	NNY	Atlantic	
W3ABT	55200	S	EPA	Atlantic	
NY3A	253600	U	EPA	Atlantic	
N3OC	252320	M	MDC	Atlantic	
W3WC	91040	U	WPA	Atlantic	
KY5R	188640	M	AL	Southeastern	
W4SVO	268640	B	SFL	Southeastern	
W4LT	178080	A	WCF	Southeastern	
KH7Y					
(KB7Q, op)	227200	U	PAC	Pacific	
W6YX	224640	S	SCV	Pacific	Yes
K7ZSD	269280	U	OR	Northwestern	
WY7SS	272320	M	WY	Rocky Mountain	
W8MJ	258560	U	MI	Great Lakes	
KW8N	267520	U	OH	Great Lakes	Yes
KU1T	163056	U	WVA	Roanoke	
KE9I	226560	U	IN	Central	
NØXR	243162	U	IA	Midwest	Yes
WØNO	297040	M	KS	Midwest	
NØKK	109440	Q	MN	Dakota	Yes
NØGF	235520	M	ND	Dakota	
VY2ZM					
(K1ZM, op)	349022	B	MAR	Canada	Yes
VE2XAA	55296	U	QC	Canada	
VA3DF	59250	Q	ON	Canada	
VE5PV	200960	M	SK	Canada	

Single-Op, High Power Category

Almost every year Single-Op, High Power is the most competitive of the six Sweepstakes categories. 2010 was an amazing year in this regard. Congratulations to Jeff Briggs, K1ZM who was operating from his VY2ZM Prince Edward Island QTH. There is so much exceptional about Jeff's win that it's hard to know where to start. This was the first Single-Op, High Power victory from Canada since 1948 and the first Canadian victory in any category in 10 years. And it was done from the far northeast extremes of Canada. And it was a come-from-behind victory over stations in the southern and western USA. How did Jeff do this? It all happened during 6 hours on Sunday morning between 1300Z and 1900Z.

A comparison with #3 finisher Steve, N2IC is interesting since Jeff and Steve's off-time strategies were virtually the same. At 1300Z, N2IC had a solid 77 QSO lead over VY2ZM. During each of the next six hours Jeff's QSO rates significantly exceeded Steve's. By 1900Z VY2ZM had a 109 QSO lead over N2IC and never looked

Top Ten - Single Operator, High Power	
VY2ZM (K1ZM, op)	349,022
K7RL	338,080
N2IC	333,920
NR5M	332,320
W7WA	324,960
K5TR	312,000
KDØS (WDØT, op)	309,920
NN3W (@ N4RV)	293,920
NØQO	289,456
WC6H	282,662

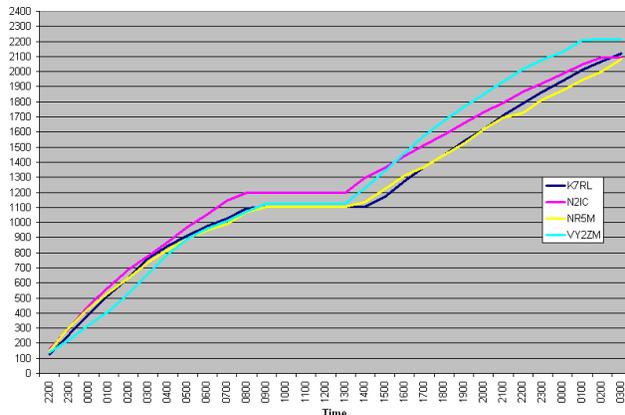
back! During this time Jeff sat on 20 meters, racking up huge numbers of QSOs with stations in the densely-populated 2nd, 3rd, 4th, 8th and 9th call areas, all one F-layer hop away from Prince Edward Island. Steve tried to do the same thing, bouncing between 20 and 15 meters, but never had Jeff's QSO rates.

While VY2ZM earned a solid victory, the next three places were highly contested. Mitch, K7RL clawed his way up the ladder to #2 on Sunday, leapfrogging first over NR5M and then, in the last hour, over N2IC who barely held on to a 3rd place finish only 8 QSOs ahead of George, NR5M. George had a great last hour while Steve ran out of operating time and had to cool his

heels listening to George run 'em on 40 meters. *[Nothing smarts worse than having to listen to your competition and being out of operating time – Ed.]*

Not far behind in 5th place is perennial Top 10 finisher Dan, W7WA. 13 contacts separated 6th place finisher George, K5TR and Todd, WDØT operating at KDØS in South Dakota. The USA East Coast broke into the Top 10 with Rich, NN3W placing 8th. Ken, NØQO finished 9th while Rich, WC6H rounded out the Top 10.

Single-Op High Power Leader Comparison



Single-Op, Low Power Category

The Low Power category continues to be the most popular category for SS participants with 840 submitted logs – almost half of the total. Those making the Low Power Top 10 came from all parts of continental North America.



John, KK9A operating from W4AAA in North Carolina, returned from a one year absence and again won

the Low Power category with 1481 QSOs. Mike, AJ9C left some operating time on the table but still finished 2nd. Paul, N4PN placed 3rd. It's interesting to see that the three top finishers relied heavily on 80 meters for their QSOs.

Steve, WB4OMM, operating Single-Op, Low Power from North Florida

Top Ten - Single Operator, Low Power	
W4AAA (KK9A, op)	236,960
AJ9C	203,040
N4PN	199,040
KU2M	196,078
W5MX	189,280
W4LT	178,080
NA4K	176,320
VE5ZX	169,760
K8BL	161,920
W7ZR	156,800

Despite missing Puerto Rico for the Sweep, Pete, KU2M came in fourth and set a new Division record. Bryan, W5MX operating from Kentucky placed 5th. Bryan made a huge number of his QSOs on 80 meters but missed 4-½ hours of operating time. Lu, W4LT jumped from 15th place to 6th place this year - great job! Steve, NA4K led the Tennessee crowd to 7th place. Syl, VE5ZX made Saskatchewan easy for the rest of us in 8th place. Bob, K8BL moved up from 14th in 2009 to 9th place in 2010. Dick, W7ZR also made big strides jumping from 24th to 10th place.

Single-Op, QRP Category

This year, 76 entries braved the QRP category. My hat goes off to them! Kirk, NØKK overcame the Minnesota “Black Hole” to place #1 with 684 QSOs, a Clean Sweep, and a new Division record! And to show you really can do it with QRP, Kirk had a number of very nice runs on 20 and 15 meters, taking advantage of his SO2R (Single-Op Two-Radio) capabilities to interleave search-and-pounce QSOs while holding a run frequency. He even had a few short runs on 40 and 80 meters!

John, W1XX did a fine job from Rhode Island with a 2nd place finish. Rob, NH6V put KH6LC on the air with a 3rd place showing. Rob did great on 15 and 20 meters but struggled understandably on 40 and 80 meters. Mark, K6UFO operating from NN7SS moved up two slots this year to #4. Jerry, N4JF placed 5th. Chris, KA1LMR started the contest with a bang – VY1EI was his first QSO – on his way to a 6th place showing. Perennial QRPer Randy, NDØC came in 7th this year. Doug, VA3DF came in 8th just like last year. 9th and 10th places were awarded to Phil, NØKE and Dan, KIØOV.

Top Ten - Single Operator, QRP	
NØKK (@ NØAT)	109,440
W1XX	96,320
KH6LC (NH6V, op)	79,948
NN7SS (K6UFO, op)	70,350
N4JF	69,280
KA1LMR	67,624
NDØC	67,392
VA3DF	59,250
NØKE	56,248
KIØOV	52,984

Single-Op, Unlimited Category

The Unlimited category continues to grow in popularity with 403 entries this year. Making the Top 10 was extremely competitive with only 210 contacts separating #1 from #10.

Congratulations to Mitch, W1SJ who was operating from WB1GQR in Vermont. As for a number of East Coast stations, 80 meters really played well for Mitch. On the other coast, Brad, K7ZSD came in 2nd splitting his contacts fairly evenly between 15, 20 and 40 meters. Only 11 QSOs back was Bob, KW8N placing 3rd and setting a new Division record. Just 6 contacts behind Bob, Tyler, K3MM came in 4th. Just 4 contacts separated Tyler from Don, N4ZZ in 5th place! Ken, W8MJ moved up from 13th in 2009 to 6th place in 2010. Congratulations! Steve, NY3A came in 7th. Barry, N2BJ moved up one slot taking 8th place. Grant, K1KD operating from Minnesota came in 9th. Dean, NØXR set a new Division record on his way to a 10th place finish.

Top Ten - Single Operator, Unlimited	
WB1GQR (W1SJ, op)	276,640
K7ZSD	269,280
KW8N	267,520
K3MM	266,560
N4ZZ	265,920
W8MJ	258,560
NY3A	253,600
N2BJ	246,560
K1KD	243,840
NØXR (@ NØNI)	243,162

Multioperator Category

The Multioperator Category continues its popularity, with 165 entries in 2010 – a great chance to operate with friends! The W6YI team of Jim, W6YI; John K6AM; Dan, N6MJ; and Dennis, N6KI did it again! The San Diego dynasty! How do they do it? A great group of operators, a great station, years of experience operating as a team, and by using all the freedom allowed by the Sweepstakes Multi-Op category rules. They typically operate two stations simultaneously but with an interlock that allows only one transmitter to be transmitting at a time. Looking at their log chronologically, they had an amazing 1148 band-changes!

Top Ten - Multioperator	
W6YI	329,760
WØNO	297,040
NK7U	282,080
WY7SS	272,320
KA1ARB	271,040
W5RU	269,760
W2PV	266,720
N8HR	265,920
N3OC	252,320
K7IR	250,400



The Multiop team of K2KR (L) and KCØINX making West Texas an easy multiplier, Field Day style

K6ND, Western Massachusetts Multiop (L-R) Mladen, NU5Y; Pamela, K6NDV; Will, K6ND; Miki, N8BO



The Kansas team at WØNO, moved up from 5th in 2009 to 2nd place in 2010 – a great job by Lee, KØWA; Mike, ABØTX; Jim, WØNO; and Bob, ABØS. The two-person team of Joe, NK7U and Scott, K7ZO placed 3rd.

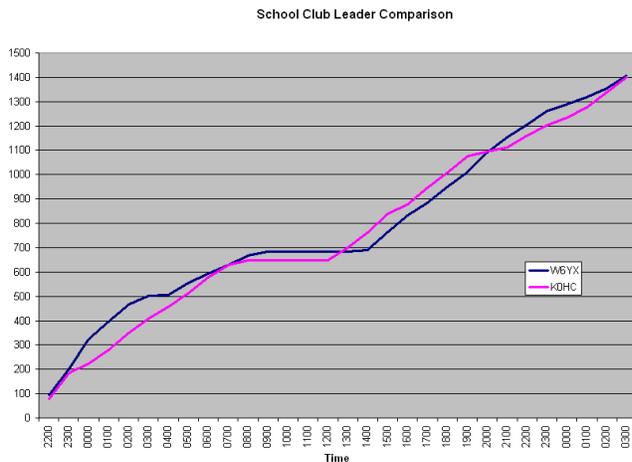
In the “most improved” category, the WY7SS team from Wyoming moved up from 21st to 4th! Watch out, W6YI! A great job by Katie, WY7KRA; Dwayne, WY7FD; Leo, WY7LL; and Chris, WY7ML. More big improvements came from the KA1ARB North Carolina team and the W5RU Louisiana team. This year they both moved up placing 5th and 6th.

In 7th place was the W2PV team, operated by Dave, K1TTT; Gerry, W1VE; and Brian, NJ1F. Only 5 QSOs down was the N8HR team from Ohio. The N3OC team, operated by Brian, N3OC; Barry, WR3Z; and Jim, N1SZ took 9th place. Finishing the Top 10 is team K7IR.

School Club Category

22 schools competed in the School Club Category in 2010 and two put in full-time efforts to win. The result was an incredibly close race between W6YX, the Stanford University club station, and KØHC, the Hesston College club station. When the dust had settled, the all-alumni crew at Stanford beat the 1-teacher, 5-student team at Hesston by a mere 7 QSOs! It was a see-saw battle between the two teams. Stanford got out to an early lead that held through Saturday night. Hesston took the lead early Sunday morning and held the lead until mid-afternoon when Stanford again retook the lead for good. It is interesting to note that at the time of Sweepstakes none of the students at Hesston College were licensed, but they were all Air Traffic Control and Aviation students. Fertile ground for future contesters!

Top Ten - School Club	
W6YX	224,640
KØHC	223,520
NØUNL (WDØBGZ,	108,388
K2CC	87,680
W6RFU	68,016
W3ABT (K3BHX, op)	55,200
W1AF	53,712
W4UVA	44,304
W1YK	40,044
WØEEE	40,040



The University of Nebraska club, NØUNL operated by Alan, WDØBGZ placed 3rd. As was the case last year, NØUNL operated only on 40 meters. Moving up a notch, the Clarkson University Amateur Radio Club, K2CC made 548 QSOs and a Clean Sweep taking the #4 slot. Great job by Sam, KC2LRC; Jonathan, KC2WBV; Rosie, KC2WQO; Martin, KC2YRS; David, KB3EFS; Mike, KC2IXA; Virginia, NR2V and Phil, KC2SGA.

The University of California, Santa Barbara, W6RFU operated by Steve, AC6T; John, KG6K; and Andrew, WØOOT had a very respectable 5th place finish. Other schools making the Top 10 were the University of Pennsylvania, W3ABT; Harvard University, W1AF; University of Virginia, W4UVA; Worcester Polytechnic Institute, W1YK; and University of Missouri-Rolla, WØEEE.

Club Competition

Again, many clubs led the charge to get their members on-the-air for Sweepstakes. The promotion of Sweepstakes by clubs is absolutely essential to the continued vitality of Sweepstakes. We can't thank the clubs, and of course, their members, for their commitment, dedication and understanding families. This year, 1840 participants submitted their CW and Phone SS scores towards their club aggregate scores.

In the Unlimited Club category, the Potomac Valley Radio Club and the Northern California Contest Club battled for the top spot. When the dust settled, the mid-Atlantic based PVRC again came out on top with 21.5 million points and 273 entries. The NCCC was only 6.2% behind, with 286 entries and 20.2 million points. Watch out PVRC....the NCCC is closing the gap. The Society of Midwest Contesters again took 3rd place, with 173 entries and 9.8 million points. The Yankee Clipper Contest Club challenged the SMC for 4th place, with 7.6 million points.

There was a very close race for the top spots in the Medium Club category. The Mad River Radio Club emerged victorious, with 40 entries and 3.53 million points. Only 1.2% back was the Frankford Radio Club. Just one more entry, with about 300 QSO's would have changed the order of that finish. Right on their heels was the Southern California Contest Club. The next four places are almost as close, with the Central Texas DX and Contest Club, the Alabama Contest Group, the Arizona Outlaws Contest Club and the Western Washington DX Club separated by a total of 306,000 points. That's only a handful of entries difference.

In the Local Club Category, the Albuquerque-based New Mexico Big River Contesters ran away from the pack. Well done ! The Iowa DX and Contest Club took 2nd place, and the Kansas City DX Club took 3rd place.

Acknowledgments

Many thanks to "Tree" Tyree, N6TR for his hard work checking the log and to George, K5TR for logistical and infrastructure support. In addition, K5OT, K9ZM, K9JK, KB9OWD, N6TV, and K9DUR painstakingly typed in 55 handwritten logs with 8553 QSOs so that they could be properly adjudicated.

Affiliated Club Competition		
	<i>Score</i>	<i>Entries</i>
Unlimited Category		
Potomac Valley Radio Club	21,489,580	273
Northern California Contest Club	20,159,038	286
Society of Midwest Contesters	9,798,106	173
Yankee Clipper Contest Club	7,597,768	98
Tennessee Contest Group	4,556,898	58
Minnesota Wireless Assn	6,261,496	108
Florida Contest Group	4,097,928	62
Medium Category		
Mad River Radio Club	3,531,598	40
Frankford Radio Club	3,488,752	45
Southern California Contest Club	3,298,500	46
Central Texas DX and Contest Club	2,922,760	27
Alabama Contest Group	2,860,704	44
Arizona Outlaws Contest Club	2,749,292	44
Western Washington DX Club	2,616,910	30
Grand Mesa Contesters of Colorado	2,616,660	30
North Texas Contest Club	2,000,432	19
Contest Club Ontario	1,901,498	38
South East Contest Club	1,781,992	21
Hudson Valley Contesters and DXers	1,638,914	25
Willamette Valley DX Club	1,293,746	19
Louisiana Contest Club	1,244,686	12
Maritime Contest Club	1,042,694	20
Rochester (NY) DX Assn	987,538	14
Kentucky Contest Group	947,124	11
CTRI Contest Group	857,518	14
Northern Rockies DX Association	855,750	6
Saskatchewan Contest Club	579,308	6
Oklahoma DX Assn	566,472	6
Allegheny Valley Radio Association	549,068	11
Contest Group Du Quebec	547,520	13
North Coast Contesters	520,728	8
BC DX Club	507,382	5
ORCA DX And Contest Club	492,978	7
Utah DX Assn	479,634	8
Central Oregon DX Club	460,858	5
Order of Boiled Owls of New York	449,804	7
Alberta Clippers	368,498	3
Missouri DX and Contest Club	309,352	4
East Coast Canada Contest Club	213,640	3
Motor City Radio Club	208,568	11
Western New York DX Assn	145,534	5
Mississippi Valley DX/Contest Club	109,300	3
Eastern Iowa DX Assn	99,130	3
Carolina DX Association	51,912	5
Local Category		
New Mexico Big River Contesters	1,286,004	10
Iowa DX and Contest Club	712,172	7
Kansas City DX Club	677,504	7
Spokane DX Association	641,372	9
Delaware ARA (Ohio)	376,870	5
Contoocook Valley Radio Club	239,470	3
Lincoln ARC	234,916	6
Sterling Park ARC	226,962	10
Utah Contest Club	220,224	3
West Park Radiops	208,598	7
Sussex County ARC	207,866	5
Hilltop Transmitting Assn	204,262	4
Bristol (TN) ARC	198,016	6
Portage County Amateur Radio	193,426	8
Ashe County ARC	186,304	4
West Allis RAC	182,076	3
Murgas ARC	156,166	3
South Jersey DX Assn	144,782	4
Skyview Radio Society	136,204	4
Badger Contesters	136,086	3
Fort Wayne Radio Club	133,468	3
Western Lake County Amateur	108,112	6
Blue Ridge ARC	82,760	3
Southern Berkshire ARC	80,394	5
Hays-Caldwell ARC	74,998	5
Granite State ARA	70,634	3
Great South Bay ARC	60,346	5
Hazel Park ARC	59,306	5
Meriden ARC	57,168	3
New York University Amateur Radio	36,372	3

