

2000 IQP Analysis by N9JF

Logs submitted by all categories of entrants showed big gains in scores from previous years. Records were set in nearly all categories, and many of the "top ten" lists were almost completely replaced. (See "Top Ten" on the RAMS page) Out-of-state stations get better all the time at tracking Illinois mobiles. The following worked more than half of the IL counties:

WA3HAE:	79
K5IID/QRP:	74
KM4FO:	73
VE3STT:	73
K4BAI:	72
K4XU:	69
K8JP:	68
VE2EM/M:	68
NY4N:	66
K0YIP:	65
K1PQS:	64
W8WVU:	64
W5RL:	56
K3WWP/QRP:	55
K0OAL:	52
W4NTI:	51
K0SX:	51

WA3HAE, a perennial front-runner, was given some stiff competition this year. Keith found a record 79 IL counties. K5IID's second-place score is remarkable in that he was operating QRP! K3WWP's 5 watts also ranked well up in the pack. K4BAI, K4XU, K8JP, KM4FO, VE3STT and NY4N also made very strong bids for the top, and VE2EM's mobile operation placed well up in multiplier totals.

Stations who put in several hours from out-of-state really helped make this a fun event for those of us in IL!

Thanks for all the mults, the pileups and the moves from band to band!

Mults available to IL stations:

US: ALL

VE: NS, NB, PEI, QC, ON, MB, SK, AB, BC

DX: DL, EA, F, G, GI, GM, HA, HI, HP, I, JA, K, KH6, KL7, KP4, LA, LU, LX, LY, OH, OK, ON, OZ, PA, PY, S5, ST, TJ, UA, VE, VK, VP9, XE, YO, YV, ZL, ZS, 6Y, 9E, 9J

Illinois stations available in each county:

ADAM: K0RL KB9FIN KB9HGI KR9L N9DT N9KUT N9KXP W7GS W9RMC WB7ESE WB9EWM

ALEX:

BOND: W9HB/M

BOON: K9WA/M W9DY/P

BROW: W9CUN

BURO: K9OT/M K9WA/M NE0P/M W9MSE/M W9NBV

CALH: W9HB/M

CARR: K9KUP K9OT/M W9IW

CASS: NG9R/M W9MSE/M

CHAM: K9CW K9HHW NO9Z WG9T

CHRI: N9EMW

CLAR: K9IZ/M

CLAY: K9IZ/M
CLIN: AD9P/M N0UXQ/M
COLE: K0KPB W1NN/M W3DYA/M W9LYN
COOK: AA9IV AA9KH AK9Y K2PTS K9AM K9EYT K9PL K9RCN K9YTK KA9FDV KB9II
KB9PJS KB9TWU KF9ZF KU9Z N9ALC N9BOR N9EDN N9GUN N9TUQ N9WW NS9DX NV8V
W9CA W9CT W9ILY/M W9LNQ W9LYA W9MIK W9MOM W9OA W9PMJ W9TS W9XF W9ZJX
WB9LSC WB9MIE WD9FUM WK9O
CRAW: K9IZ/M W3DYA/M
CUMB: K9IZ/M W1NN/M W3DYA/M
DEKA: K0PG/M KC9FC N9NU W9CEO W9DY/P W9EDA WA9JML
DEWI: K9LJR W1NN/M
DOUG: W1NN/M W3DYA/M
DUPA: K9FE/M K9JAU K9OZ K9VIC K9XD K0PG/M KB9DVC KB9TSU KF9JC N9CU N9HQ
N9XS W9DUP W9RJT/M W9WL WB9EAO/M
EDGA: K9IZ/M
EDWA: K9IZ/M W3DYA/M
EFFI: W1NN/M
FAYE: W3DYA/M
FORD:
FRAN: K9LY/M
FULT: K9WM/M N9TTC W9MSE/M
GALL: K9IZ/M W3DYA/M
GREE: W9HB/M
GRUN: K9WA/M K0PG/M
HAMI: AA9WK K9IZ/M W3DYA/M
HARD:
HANC: K9WA/M
HEND: K9WA/M K9WM/M
HENR: K9OT/M K9WA/M K9WM/M N9MZP NE0P/M W9MSE/M
IROQ: K9CS W9MZP WB9Z
JACK: K9LY/M KA9EWN
JASP: K9IZ/M WD6FIC
JEFF: K9LY/M WK9W
JERS: W9HB/M
JODA: K9OT/M KB9NGX W9YS/P
JOHN: N9JF/P W3DYA/M
KANE: AA9D AH9EZ/W9 K9JE K9MMS K9WA/M KA9OBH KB9QFO KB9VJJ KC9UM KD9XP
KF9D N9FWM N9HED NA9A W9AX W9AYJ W9CZA W9GIG W9KMH W0HED WA9MWM
WA9QOV WA9TPQ WB9MRL
KANK:
KEND: K8OIO K9WA/M K0PG/M KB9DRH KB9WMG W9YF
KNOX: K9WA/M K9WM/M N9UVZ NE0P/M W9MSE/M
LAKE: K9ERG K9IJ K9KM KB9LPM KF9FH N9EXY N9LZ N9PS N9YZD N0BMP W9EM W9VA
WA9JYG WD9HDM WW9E/M
LASA: K9OT/M K9WA/M K0PG/M N9PLM W9JVC W9MSE/M W9ZEN
LAWR: K9IZ/M N9VYB
LEE: K9OT/M K9WA/M
LIVI: K9WA/M
LOGN: W9MSE/M
MADI: AD9P/M KA9LCP KB9KLD N9ADJ N0UXQ/M W9HB/M
MARI: K9PX KF9AO N9BAY W3DYA/M
MARS: NE0P/M WB9NNS
MASN: W9MSE/M
MASS: W3DYA/M

MCDO: K9WM/M W9MSE/M
MCHE: KA9CAR KG9X N0PUI W9FY WB9UEZ
MCLE: K9WA/M K9WM/M KB9FPY W9SE WB9DUC
MCON: KB9UWU W1NN/M WA9FRU
MCPN: W9HB/M
MEND: KX9DX W9MSE/M WA9AQN
MERC: K9WA/M K9WM/M NE0P/M
MONR: AD9P/M KG9PZ N0UXQ/M
MONT: K8CCI W9DAN WA9SXX
MORG: W9MSE/M WB9RNY
MOUL: W1NN/M W3DYA/M
OGLE: K9OT/M K9WA/M W9DY/P W9MSE/M
PEOR: K9WA/M KA9NFE KB9OMH W9MSG W9MI
PERR: K9LY/M WA9OBJ
PIAT: W1NN/M
PIKE: W9HB/M
POPE: N9JF/P W3DYA/M
PULA:
PUTN: KN9T N9GZ N9NG NE0P/M
RAND: AD9P/M N0UXQ/M
RICH: K9IZ/M KA9TCH
ROCK: AB9W K9AHH K9WM/M KG9IE N9EHP NE0P/M
SALI: K9IZ/M KA9YCB N9JF/P W3DYA/M
SANG: NG9R/M W9DUA W9MSE/M W9YJF WD9IFF/M WD0CMB
SCHY: K9WM/M W9MSE/M
SCOT:
SHEL: W1NN/M
STAR: NE0P/M
STCL: AD9P/M KB9SGY KI9A N9BPK N9NJY N9STL N0UXQ/M W9HBF
STEP: K9OT/M KB9OLF W9YS/P
TAZE: K9WA/M KA9YMF KE9GE W9MSE/M WX9U
UNIO:
VERM: K9KUZ
WABA: K9IZ/M W3DYA/M
WARR: K9WA/M K9WM/M NE0P/M
WASH: AD9P/M K9LY/M N0UXQ/M
WAYN: K9IZ/M W3DYA/M
WBGO: K9OT/M KA9IMX KB9YDE N9YTY/M W9DY/P W9MSE/M
WHTE: K9IZ/M KG9OR W3DYA/M
WILL: K0PG/M KB9CRY KB9OJB N1KW N2BJ N9GGK W9HI W9ILY/M W9YYG WB9UZB
WMSN: K9TJL K9LY/M N9JF/P W3DYA/M
WOOD: K9WA/M KG9N KH6HHG/W9 W9FST
WTSD: K9OT/M N9XBG

Misc notes:

It appears that NINETY-FIVE of the 102 counties were workable...somewhere.

"Unique" mobiles: W1NN/M: EFFI, PIAT, SHEL
 K9WA/M: HANC, LIVI
 W9HB/M: BOND, CALH, GREE, JERS, MCPN, PIKE
 K9IZ/M: CLAR, EDGA
 K9LY/M: FRAN
 W9MSE/M: LOGN, MASN

W3DYA/M: FAYE, MASS
NEOP/M: STAR

Interesting to note that W9HB/M put "only" seven counties on the air, and **six of them were uniques*!!!*

These counties were represented only by a single fixed station:

BROW (W9CUN) CHRI (N9EMW) VERM (K9KUZ)

Not reported in any log: ALEX, FORD, HARD, KANK, PULA, SCOT, UNIO.

In the case of FORD and KANK, it's almost unbelievable. Major interstates go through both counties, and KANK is a highly-populated county with an active club...

What happened to N9LEC in PULA...a regular from other years? Mobiles put KANK and SCOT on in 1999.

If you expected to work the mobiles, you needed CW. Over 90% of the mobiles' contacts were on that mode, and two mobiles (W9MSE/M and W3DYA/M) made **no** phone contacts.

It's amazing how far down the pile you have to get to stop finding new IL stations in the logs! Not one of the portables, nor any of the top nine fixed stations, worked a single station in Montgomery County. AH6EZ/W9 worked THREE! I had to go down to the number eight fixed station (WK9O) to find anybody in IL that worked K9WA/M in Livingston County. He made 44 Q's from there, but mostly on 20 meters and out-of-state. Nobody above N9KUT (number 12 fixed) worked a VE4.

Logging programs are OK, but be careful what they insert for multipliers based upon what you type. Several stations got mixed up with White/Whiteside, Warren/Washington, Edwards/Effingham, Perry/Peoria. A couple put in "Col" for Colorado, and the program credited a mult for Coles County, IL.....

If possible, keep an IL map handy during the test. Some of the county lines and corners logged were geographical impossibilities.

Copy what's sent. Many stations logged only one county for contacts with stations on lines and corners.

Many of the "unique" callsigns in logs came from local six and two meter contacts.

What a difference solid-state radios make! Most of the top scorers moved stations from band/mode to band/mode, especially during slow times. Many band changes were made to work only a single station, or were QSOs made on a second radio. I can scarcely imagine the amount of time I'd have spent a few years ago, with an FT101e and a single mobile antenna, trying to make 53 band changes in 8 hours!

Number of band/mode changes by top scorers:

N9JF/P	53
W9DY/P	29
K9XD	249
KG9X	33
KI9A	119
N2BJ	9
WA9TPQ	56
W1NN/M	68
K9WA/M	48
W9MSE/M	23
W3DYA/M	75
NEOP/M	28

W9HB/M	10
K9LY/M	14
K9OT/M	8
K9WM/M	14

The "money bands":

Stations (mostly fixed) with good antennas and high power were able to maintain some tremendous rates during portions of the contest. Here were some top rates achieved and the bands that did the job:

station	QSOs	minutes	band/mode
K9XD	54	21	20 SSB
KG9X	64	25	40 SSB
KI9A	90	35	20 SSB
N2BJ	264	140	20 SSB

The fact that 20 meters was "short" and that ground-wave conditions were good on 10 and 15 made 80 somewhat less useful than usual. Many stations spent little time on 80, and some did not use the band at all. This could change radically as the sunspots decline!

Fifteen meters was used almost exclusively as a "move" band. Conditions on 15 were decent, but there was simply very little party activity.

Most two-radio stations apparently left the "second radio" on 40 meters while running on another band.

Taking into consideration all bands used during a given period, here were the hourly rates achieved by top scorers: (Note: These rates do *not* take into consideration whether the station was on a county line or corner.)

station	1800	1900	2000	2100	2200	2300	0000	0100
K9XD	95	89	120	123	84	63	64	79
KG9X	87	91	84	132	69	67	66	58
KI9A	82	105	59	58	59	51	55	58
N2BJ	82	137	95	82	58	26	63	51
W1NN/M	58	57	27	64	49	16	57	48
K9WA/M	90	73	80	92	79	79	63	81
W9MSE/M	81	70	84	91	102	57	58	42
W3DYA/M	108	63	87	90	77	57	69	76
N9JF/P	60	54	55	44	49	43	45	33
W9DY/P	59	46	42	19	33	39	43	37

The rates for K9WA/M and W3DYA/M are remarkable --- only one hour between them under 60! Also 'DYA and W9MSE/M with hours over 100!

Who used 80 and 10?

station	80 meter Qs	time first on 80	10 meter Qs
W1NN/M	41	0052	19
K9WA/M	15	2324	0
W9MSE/M	13	0023	0
W3DYA/M	0	-	23
NE0P/M	20	0102	16
W9HB/M	28	0039	0
K9LY/M	32	0040	2

K9OT/M	5	0012	0
N9JF/P	56	2337	13
W9DY/P	35	2313	1
K9XD	46	2316	93
KG9X	58	2316	35
KI9A	80	2335	69
N2BJ	91	0017	0

If a 200 point bonus were added to mobile scores *after* mults, for any county from which 10 QSOs were made, (previous bonus rule), the mobile scores from 2000 would have changed as follows (A):

If a 50 point bonus were added to mobile scores *before* mults, for any county from which 20 QSOs were made, the mobile scores from 2000 would have changed as follows:(B):

call	score	"A" score	"B" score	rank	"A"rank	"B"rank
W1NN	183,160	184,960	230,660	1	1	2
K9WA	149,624	153,624	267,624	2	2	1
W9MSE	141,132	144,532	215,232	3	3	3
W3DYA	122,892	126,492	211,092	4	4	4
NE0P	89,240	90,840	126,040	5	5	5
W9HB	77,522	78,922	106,572	6	6	6
K9LY	69,120	70,320	89,120	7	7	7
K9OT	50,058	51,058	78,408	8	8	8
K9WM	35,568	36,568	62,868	9	9	9

Challenges to RAMS for the 2001 IQP:

How to apply points and mults for county lines and corners? Change? Clarify?

Same with the 8-QSO mult rule

Bonus points for counties activated by mobiles? Minimum Q's?

New categories. How many plaques can RAMS afford? Will other clubs or individuals help foot the bill? How much will additional categories draw more logs, especially from out-of-state? Will they complicate the scoring or log checking? QRP mobiles w/ or w/o drivers

How to simplify log-checkers' lives

How to encourage/enable use of standard logging programs for IQP

How to encourage out-of-state mobiles to lend their support again

How to coordinate mobiles and other stations to put all 102 on the air in 2001

If you know, now, that you are planning a mobile operation for 2001 IQP, please let me know and we'll get started.

We're close. Let's DO IT!

73, Jim N9JF