# Results, 1991 ARRL September VHF QSO Party

It's surprising what you can work with low power from a good location.—*Bob Cook, N2SB* 

By Billy Lunt, KR1R and Warren C. Stankiewicz, NF1J Contest Manager Assistant Contest Manager

f variety is the spice of life, this year's September contest offered lots of spice indeed! The weather and propagation conditions across the US and Canada were quite a mix. Several stations in the west observed great weather and good band conditions, but things seemed to fade to the east. According to WØUC and others, Rover activity helped keep things interesting in the sparsely populated central US, even with only average propagation. In the eastern states, things were downright flat, except where rain scatter made 10-GHz QSOs possible between New Jersey and Maine. K2LNS's observation that "I thought a mountain grew to the east on Saturday" said it all for many New England VHF enthusiasts, who suffered the consequences of a stalled weather front that locked them apart from the rest of the region, cutting QSO totals and top scores by a visible margin from years past.

This was our first contest without the 220-222-MHz segment. The transition was relatively smooth, as W1AIM proudly professed, "For the first time, I worked more stations on 222 than on 432!" Even QSO totals were a bit higher on the band, as many stations reaffirmed their dedication to 125 cm.

Like the June contest, the September VHF QSO Party has two popular new categories. Of the 415 logs we received this year (down slightly from last year's 440 logs), 299 came from single operators, 46 were limited-multioperator entries, 30 came from Rovers, 20 full-bore multiops sent in logs and 18 QRP-portable stations reported. Two stations also sent in checklogs. In the single-op category, the 1991 contest was almost a repeat of the 1990 event, except that K2LNS's winning 173k score was down from 207k last year (and his record 235k set in 1989). WA2TEO, second last September, also repeated his 1991 June VHF QSO Party performance, finishing second by an extremely tight 1100-point margin. Despite generally worse conditions in the northeast, Jeff made more QSOs than any other single-operator station and bettered his 1990 score in the process. Third



## Division Leaders

Single Operato	or	
Division	Call	Score
Atlantic Central Dakota Deita Great Lakes Hudson Midwest New England Northwestern Pacific Rocky Mountain Roanoke Southeastern Southeastern West Gulf Canada	WA2FGK *K9PW *WA9BWE WB5IGF KE8FD *N2CEI NØLL WA2TEO *KE7CX KF6CU W2CRS N4HB KN4QS WB6FCS K9MK VE3ASO	172,935 83,720 56,835 27,674 62,250 160,648 34,928 171,810 8,722 8,037 9,180 85,400 4,032 9,760 24,075 79,194
Multioperator		,
Division	Call	Score
Atlantic Central Dakota	W3KWH WØUC/9	108,500 135,596
Delta Great Lakes Hudson Midwest	KC4YO W8ULC N2WM	47,710 100,956 186,238
New England Northwestern Pacific	W2SZ/1 W7HDD	796,635 5,652
Rocky Mountain Roanoke Southeastern	*NØKV N8FMD	12,948 224,775 —
Southwestern West Gulf Canada	AE6E WQ5S VE6NOV	14,640 37,740 6,474
Limited Multio	perator	
Division	Call	Score
Atlantic Central	*N2WK	85,974
Dakota Delta Great Lakes Hudson Midwest New England Northwestern	*WBØGGM *N5KWB *N8HNS *K2AE *WBØDRL *WBIGQR	24,056 9,891 28,458 16,416 76,936 105,444
Pacific Rocky Mountain Roanoke Southeastern Southwestern West Gulf Canada *Division record	*AA6PA *WA4GPM *W4IY *W4AQL *N6RMJ *K5QBM *VE3BQN	3,872 6,441 178,374 4,033 16,445 6,210 26,688



ARRL Laboratory Engineer Zack Lau, KH6CP/1, coordinates a 10-GHz schedule on 2 meters from Mt Washington, New Hampshire, where he operated as part of the 8-man K1TR crew, the ninth-finishing multiop.

was N2CEI, up from fourth place last year, also with a significantly improved score. Stations from the first four call sign areas, W9-land and Ontario made this year's single-op top 10.

The record-setting QRP-portable score, turned in by WA3YON, up considerably from last year's winning score in that category, substantiates N2SB's opening remark. WB2DNE/1's second-place score also reflects this. Rover scores—including some big ones—came in from all over the country this September, starting this category off in an exciting way. The winning KBØZQ Rover team set an impressive 136k scoring mark. Not far behind was WB9EEA, and the KØTLM/AJØE team put in its second Rover effort in 1991, snagging the number-three spot.

In the unlimited multioperator category, W2SZ/1's 19 operators scored another decisive victory with almost 800k. Second was the 12-man team at N8FMD that operated from West Virginia. WQ4V, N2WM and K1WHS rounded out the top five. In the limited-multiop group, W4IY and WB1GQR led the way with scores of 178k from Virginia and 105k from Vermont, respectively. It looks as though participation in this category will remain high, as many stations find it more enjoyable than the full-scale unlimited-multiop category for a variety of reasons.

As you read this, the January VHF SS is just around the corner—get on for this

Top Ten							
Single Op	erator	Multioperator					
Call	Score	Call	Score				
WA2FGK WA2TEO N2CEI W3ZZ N4HB K9PW K2UOP/4 VE3ASO W3IP N1DPM	172,935 171,810 160,648 117,470 85,400 83,720 80,656 79,194 78,100 70,080	W2SZ/1 N8FMD WQ4V N2WM K1WHS WØUC/9 W3KWH W8ULC K1TR KC4YO	796,635 224,775 197,532 186,238 146,595 135,596 108,500 100,956 85,176 47,710				
QRP-Porta	able						
Call	Score	Limited N	lultioperator				
WA3YON	43,672	Call	Score				
WB2DNE/1	35,870	W4IY	178,374				
KB6MEG	6,771	WB1GQR	105,444				
N6SUN	4,290	N2WK	85,974				
KT2B	3,500	WBØDRL	76,936				
N1EXG	2,873	W4BFB	63,920				
KB4NT	2,774	W1QK	48,981				
K1II	1,504	K5MA	47,479				
NOØY KB1VC	1,222 1,065	K2XR N8HNS VE3BON	41,563 28,458 26,688				
Rover							
Call	Score						
KBØZQ (+NØHJZ) WB9EEA	136,504						
(+AA9D) AJØE	111,366						
(+KØTLM) KE9QT KB2HQ XE2/N6CA	108,864 47,892 42,000						

36,153 13,175

8,745 8,466 8,372

XE2/N6CA

KØDI

WB2VVV

WA1MKE

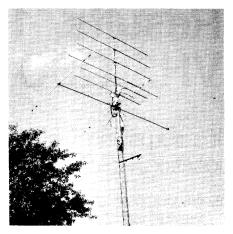
(+WB9AJZ) N3KFY

(+WD4DWN)

#### event, the only ARRL VHF contest in which club competition is involved. It's also a good chance to test new equipment and keep your operating skills warmed up for the June VHF QSO Party, just around the corner. See you on the weekend of January 18-20; cross your fingers that the ice man stays away!-Rus Healy, NJ2L

#### SOAPBOX

Working as a single operator on three bands is tough enough, but "armstrong" rotating the 6-meter beam in the rain takes the cake (KD1AO). My 6-meter SWR was 4:1 and my 2-meter SWR was 3:1. No wonder I couldn't hear anybody (KA1AMR). This was my first real effort in the contest. I enjoyed it (KA2AUQ). I guess everyone thought it was a oneday contest-activity was practically nil on Sunday (WN3A). I'd have traded all my OSOs for one with W5XS/Ø (K5MAT). It was a good turnout for the September contest. We had great weather for the mountaintoppers and Rovers (WM7A). I arranged my schedule to be on Mohawk Mountain, elevation 1683 feet, during the contest. It's surprising what you can work with low power from a good location (N2SB/1). Conditions were good, but I didn't help myself by falling on and squashing the 903 loop antenna (KT2B). Conditions overall were good, but there wasn't much activity on 222 MHz (VE3BFM). Where were all the W7s this year? (VE6BOJ). I had a ball working my first VHF contest and I encourage other Novices to give it a try (KB2CIR). Conditions were good, but a good score is hard to come by from west Texas (WS5C). Conditions were just average, but good Rover activity helped keep us hopping! (WØUC). So many thunderstorms rolled through, I thought I was going to wear out the antenna connectors! (WBØCLL). I had a blast operating QRP portable from Block Island. Conditions seemed down, but activity seemed good (WB2DNE/1). This was my first VHF contest. My score may be small, but I had great fun! (WA5DTK). Hurricanes kept me off the top bands (K1BE). Conditions were awful! If not for a one-hour opening on 6 meters Sunday morning, I would have shut down and gone home (AE6E). I thought a mountain grew to the northeast on Saturday (WA2FGK). There was a short 1<sup>1</sup>/<sub>2</sub>-hour opening to the west on 6 meters (NØFFO). What a blast! (N3KFY). I was glad to see so many people made the conversion from 220



Fred Stefanik, N1DPM, uses this antenna system from his home station. This time he finished tenth in the single-operator category.

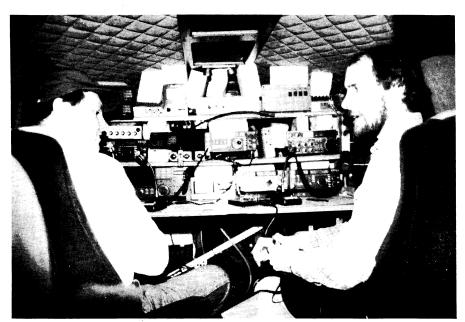
to 222 MHz (WB1GQR). My 12-year-old son got bitten by the bug and immediately started studying the code for his Novice license when he got back home (K2KGJ). I worked more stations than I did in June! (WA3GYW). Conditions were poor throughout the contest, but activity picked up on Sunday evening (W9JGV). Propagation wasn't good, but it wasn't bad, either (VE3GBA). There was more activity on FM in this contest as opposed to the other ones (WY2H). Conditions were fair, but where was the activity? I probably could have worked 11-15 more grids if stations had been on (WA3HMK). 222 isn't dead! For the first time, I worked more people on 222 than on 432 (W1AIM). The lack of openings made it sort of a "brute force" contest (N1DIQ). Conditions were poor this year (AA5IB). Propagation was average during the contest in this area (W1EJ). I'm 10 years old and this was my first VHF contest! (N1JJD). Conditions were poor. There was weak scatter to the northeast on Sunday morning, and about 30 seconds of Es (N9BJG). It's amazing how well the signals came in (N1IJJ). The limited-multioperator class is perfect! (W1QK). Next time I'll operate as a Rover

Single (	Operator	QSO Lea	ders B	y Band									
50 MHz		144 MHz		222 MHz		432 MHz		902 MHz		1296 MHz		2304 MHz	
WA2TEO WA2FGK W3EP/1 K3ZO N2CEI W2HRW WA1YRH N1DPM W3ZZ KA2RDO W2XL N2LIV VE3KDH W3IP KU8Y	189 138 119 115 103 99 80 80 79 80 78 75 71 70 70 70 70	WN3A WA3HMK WA2FGK WB2OQQ K3ZO W90EH WA1VRH VE3ASO K2QE W32Z N2CEI VE3KDH W2HRW W3IP	343 342 313 303 286 280 2261 259 221 214 212 201 185 185 183 176	N2CEI N8IQX WA2TEO WA2FGK KA2RDO W1EJ N1DPM WB2QCJ W3ZZ WA3EQCJ W3ZZ WA3EQ0/8 KA2AEV/1 WA1HYN VE3ASO WA2BAH N2BJ	80 63 62 55 49 46 45 45 45 45 38 38 38 37 37	K1FO WA2TEO NC11 WA2FGK N2CEI W3ZZ W2HRW N4HB WB8K WA8BWE VE3KOH K3PW N1DPM K2UOP/4 KE8FD	134 116 109 93 84 81 77 73 73 70 67 62 61 61 61 60	WA2TEO N2CEI WA2FGK N4HB W3ZZ K2UOP/4 N1DPM WB2YEH N2BFJ W3IP N3CX N2LIV WB1FKF VE3ASO	31 31 24 22 20 20 20 20 18 16 15 15 15 14 13 11 10	WA4VHF WA2FGK N2CEI W3IP N4HB K2LME K2UOP/4 W32Z WA2TEO W32YEH K1FO N2LIV N1DPM N2BFJ N3CX	45 44 41 35 34 32 29 28 26 25 22 22 22 21	N2CEI N3CX WB1FKF WB2YEH N1DPM W3IP	14 9 5 3 3 3
-	Operato	-	Leade	ers By Band									
50 MHz		144 MHz		222 MHz		432 MHz		902 MHz		1296 MH:	Z	2304 MHz	2
K3ZO WA2YEO WA1VRH W42FGK K9PW NW3C NØLL N2CEI K8MFO W56IGF W56IGF W56IGF W56IGF W36/LL W32Z W36/LL W31P KU6Y W48TJL	52 39 37 37 36 35 33 33 32 32 32 32 31 30 30 30 30 30	W9OEH WA8MZQ K9FW K3ZO K8FD WA3HMK W3ZZ WN3A WA2FGK WA2FGK WA0BWE WA1VRH K23X W9JQV W0RWH	69 63 56 54 55 51 48 45 45 44 44 44 44	N2CEI WA3EOQ/8 K9PW WB2OCJ WA2TEO WA2FGK W3ZZ KE8FD KA2RDO WA8TJL VE3KDH N4HB N1DPM KU8Y WA0BWE VE3ASO	30 30 29 27 25 25 25 25 25 22 22 22 22 20 19 19 19	K9PW W3ZZ KE8FD WA2FGK WA0BWE W80K K1FO N2CEI N4HB WA2TEO K2L0P/4 WB0CLL VE3KDH K0IR WA8TJL WA8JL WA8JZQ	40 36 35 35 33 30 30 29 29 29 29 29 28 27 27	WA2TEO N2CEI WA2FGK N4HB W3ZZ W3IP N1DPM N2BFJ W82YEH K2UOP/4 N2CIV N3CX VE3ASO W81FKF W4FSO	17 15 13 12 11 10 10 10 10 8 8 8 8 6 6	WA2FGK WA4VHF N2CEI W3IP N4HB K2UOP/4 K2LME W3ZZ WA8TJL VE3ASO N1DPM N2BFJ N3CX	23 21 18 16 16 15 14 14 12 12 12	N2CEI N3CX WBIFKF WB2YEH W3IP	7 7 3 3

Multiop	erator G	SO Leade	rs By Ba	and								
50 MHz		144 MHz	-	222 MHz		432 MHz		902 MHz		1296 MHz		2304 MHz
W2SZ/1 N2WM W4IY-L K5MA-L K1WHS N8FMD WQ4V N2WK-L WB1GCR-L K1TR AC3I-L W1QK-L W1QK-L W1QK-L W1QK-L W1QK-L W1QK-L W1QK-L W1QK-L	396 210 171 156 155 154 142 139 129 129 126 116 113 105 97	N8FMD W4IY-L N2WM WB1GQR-L K1WHS K1TR W1QK-L K5MA-L W8ULC WQ4V W3KWH N2WK-L	510 431 391 389 285 282 265 263 263 253 238 211 205 205 205 194	W2SZ/1 WBIGOR-L N2WM K1TR N8FMD K1WHS N2WK-L N8HNS-L WBUC/9 N6RMJ-L W10K-L WQ4V K2BWR W3KWH W10P	126 88 61 55 50 49 45 42 41 39 35 34 33 30	W2SZ/1 W4IY-L W5IGQR-L K1WHS N8FMD N2WM WQ4V K1TR K5MA-L N2WK-L W80CP K2XR-L W80DRL-L W86FB-L W3KWH	295 128 127 108 107 104 93 92 91 89 83 71 70 65 60	W2SZ/1 K1WHS K2XR-L W3KWH N8FMD K1TR WQ4V KC4YO W64V KC4YO W60V W66NOV W05S W10P NØKV	55 20 18 16 14 11 9 9 6 6 6 6 5 3 3 3	W2SZ/1 W4IY-L K2XR-L WBØDRL-L N2WM W3KWH K1WHS W0RSJ W04V K2BWR N8FMD W6UC/9 W4BFB-L K1TR KC4YO W8ULC	90 47 36 33 28 26 23 22 20 18 17 15 12 12 12	W2SZ/1 56 K1WHS 10 WQ4V 8 N2WM 6 K1TR 4 W3KWH 4 -L after the call indicates limited multioperator
Multiop	erator N	Iultiplier Lo	eaders E	By Band		432 MHz		902 MHz		1296 MHz		2304 MHz
30 MIL2 W252/1 WQ4V W0UC/9 N2WK-L W4IY-L N8FMD W4B/0RL-L W4BFB-L W4BFB-L W48FB-L W48FB-L W48ULC N2LXD-L N2LXD-L N2LXD-L N2LXD-L N2LXD-L N2LXD-L N2HAR W81GQR-L AC3I-L	66 63 51 51 51 43 42 40 39 34 33 31 30	N8FMD W8ULC W8UCC9 WQ4V W4Y-L W3KWH W2SZ/1 N2WM KC4YO W800RL-L W48FB-L VE3BQN-L N2WK-L KM4XG-L N8FWL-L W86GM-L	78 71 69 63 54 53 51 49 49 47 44 43 41 38	NFFMD WØUC/9 W2SZ/1 N8HNS-L N2WM W3KWH WB1GQR-L WQ4V K1WHS W8ULC N2WK-L K2BWR WØRPK-L W1QK-L W1QK-L K1TR WØEQU-L	35 28 27 25 25 23 23 21 21 20 19 18 15	W0LC/9 W4IY-L W25Z/1 W24V N8FMD W8ØDRL-L W4BFB-L W3KWH W80RK-L K24YO W81GQR-L	48 47 46 44 39 33 32 32 29 27 26 25	SOZ MITZ W2SZ11 K1WHS W3KWN N8FMD W64V K1TR KC4YO W80LC VE6NOV W10P N8KV W05S	20 11 9 8 5 5 5 4 3 3 2	W2SZ/1 W4IY-L WBØDRL-L W3KWH K2XR-L N2WM WQ4V W4BFB-L K1WHS N8FMD K2BWR K2BWR K2BWR W8ULC W8ULC W8ULC W8UC/9 KC4YO	25 25 25 19 18 13 13 12 11 11 11 10 9	W25Z/1 15 K1WHS 7 WQ4V 5 K1TR 3 N2WM 3 W3KWH 3 -L after the call indicates limited multioperator

(W2GKO). It was a slow-going contest. There were no enhanced conditions on any band (N2CKH). The price was high; I lost two preamps, one relay and an amplifier. It was worth it, though (WB8K). Two electrical storms hurt propagation and the poor band conditions made every contact a battle! (VE3KDH). It's amazing who and where you can work on 222 MHz with 75 watts to a dipole while driving down the interstate at 65 mi/h (NN9K). The 432-MHz tower-mounted preamp acted up at the start of the contest and I had to solder an N connector 48 feet in the air in the dark (WA1LBK). I enjoyed the contest, even though there were no 6-meter openings. I especially enjoyed working W2CRS on Pike's Peak (W5AL). Rovers make it interesting, especially when they operate multiple bands (WA9LZM). It's time to chalk up another one for the high-torque "Armstrong" rotator (N2KMX). We were investigated by the police, buzzed by a private plane, and had a National Guard helicopter hover over us trying to figure out what all the aluminum was for (N2WM). There weren't as many "DXpeditioners" as there were in June, but there were a lot more Rovers (K6QM). Working QRP portable with good band conditions was a lot of fun! (KB6MEG). We had beautiful weather for mountaintopping, but there wasn't any good tropo (N8FMD). Where's all the simplex activity on 222 MH2? (N8HNS). The tropo on 144 MHz Saturday evening and the scatter on 50 MHz Sunday morning were the only signs of propagation I could hear through the rain and static (K7VNU). Conditions weren't nearly as good as they were in June, but we had fun and made a reasonable number of contacts (VE6NOV). It was great to operate without any line noise for a change. It made all the difference in the world (K3ZO). I've never seen so much activity out of FN41. The

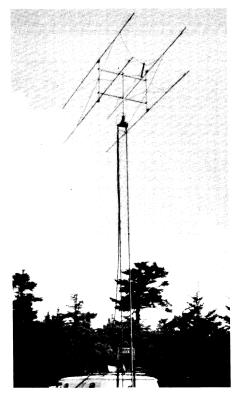
weather in the northeast dampened plans for a lot of people, including some planned 10-GHz QSOs (K1LPS). It was a great weekend (AA6PA). This was the most different bands I've operated yet in a contest! QRP is where the fun is at! (WA7PIB). Our focus was on operator training, including 6-meter meteor scatter and weak-signal procedures. Contest CW improvement classes will be held over the winter (WØRPK). We had a ball! (WA1QZK). Band conditions were poor. All things considered, it was a great experience for everyone involved (WØEQU). Have the W8s seceded from the Union? It was slow going to the west. Activity was poor, but the contest is still fun (KA2RDO). We got a lousy break on conditions again. I wasn't able to spend enough time to run up a good score, but I managed to work my 60th grid (W1PSG). Conditions were great on 2 meters, but we needed more activity. Six meters was quiet (WA2SLY). Condi-



WB9EEA (left) and AA9D (right) placed second in the Rover category.

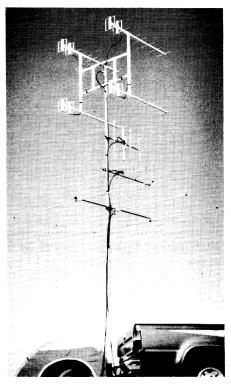


W2CRS suffered a bent antenna mast in 70-mi/h winds atop Pike's Peak in Colorado.



The third-place multioperator station, WQ4V, West Virginia, used this antenna system and operating position on 432 MHz.

tions were poor throughout the contest at my loca-tion (KD3SW). Conditions were fair for most of the contest and the turnout was the best for a September contest yet (WQ5S). Activity was fairly good, considering everything else that was on that weekend (K9OSH). I was surprised to do as well as I did with poor band conditions (VE3SMA). It was good to hear and work so many new call signs in the contest (WA2TEO). I wish the 6-meter ops would have been more persistent chasing meteor-scatter QSOs around local sunrise. I heard lots of moderate bursts, but no QSOs (AJ6T). Activity was way down here, I didn't hear anything on FM (W8XT). I enjoyed the contest, as always. The tran-sition to 222 MHz seemed smooth, but my trans-verter quit after five QSOs (WA2UDT). There was a decent tropo opening Sunday morning, but I wish more people had gotten in on it (WA1VRH). I didn't do as well as I did in the last contest I was in. The band conditions seemed squirrely and I'm not sure why (KA3VGD). I roughly doubled my score from last year, partially because of beating the bushes on FM (NØKV). I was happy to work KØMVJ on 2304 in the contest, having tried several times earlier in the summer without success (NTØV). I went camping on top of a mountain in the fog and rain—I don't get that wet in the shower! (NIEXG). I found Sunday morning and again Sunday night (N3CX). I heard more than I could work, I guess I need to get the amplifier online (K1OYB). My thanks to all the ops who took the extra time to dig out my weak signal (WA3YON). I was pleased to catch a surprise  $E_S$  opening on 6 to California, though it was hard attracting attention with only 10 watts. There was tropo enhancement to Dallas/Ft Worth on 144 and 432 Sunday morning (NOØY). I hope to have all the bands running for the next one (KC1ZU). It seems that September has good conditions only one year out of five. Next year, I'll run more power or be certified to an insane asylum (W3ZZ).



These simple antennas helped Jim Marino, KB6MEG, place third in the QRP-portable category, up three spots from his 1990 finish.

#### SCORES

Scores are by ARRL/RAC Sections. Within each Section, single-operator scores are listed first, followed by QRP-portable, multioperator, and limited-multioperator scores. Rover scores are listed by division. From left to right, each line lists: call sign, score, QSOs, multipliers, class (S = single operator, Q = QRP-portable, M = multioperator) and bands worked (A = 50 MHz, B = 144 MHz, C = 222 MHz, D = 432 MHz, 9 = 902 MHz, E = 1296 MHz, F = 2.3 GHz, G = 3.4 GHz, H = 5.7 GHz, I = 10 GHz, J = 24 GHz, K = 47 GHz, L = Light). Among single-operator stations, winners are noted with band letter(s) in **boldface** print indicating the band won.

1					New Ham	pshire			
Connecti	cut				W1EJ	26,208	252		ABCD9E
WA2TEO	171.810	739	166 S	ABCD9E	KA1CDZ	8,568	146	42 S	ABCD9E
WAIVRH	42,600	392	100 S	ABD	WA1T	6,006		39 S	
K2LME	25.632	230	72 S	BCDE	AC1J	4,800	110	32 S	
W3EP/1	16,043	263	61 S	AB	KB1SO	2,976	124	24 S	
K1FO	14.063	159	41 S	DE	KA1LMR	546	34		ABCD
KD1AO	3,780	95	35 S	ABD			WOK,	WB1DSW	I,AA2Z,NJ2L,
KDTAO K1THP	2,190	95 73	30 S	ABD	KM3Ť,KH60	CP)			
	1.278	55	30 S	BD		85,176	593	104 M	ABCD9EFGI
K1GAO		- 55 - 48	20 S	BCDF	WA1ZYX (+	KA1s MT	M.QF/	N1BAC	.WK1P)
K1CPJ	1,100	48 57	20 S	ABD	•	4,928		28 L	
	1,098 966	5/ 41	18 S	ABD	AE1D (+ NØ				
KB1ZB						672	84	8 L	в
N1GVV	816	68	12 S	B					
WB1U	396	33			Rhode Isla	and			
W1FAJ	252	14	9 S	C			175	E1 C	P.C.D.
AA2Z	136	16	8 S	BD	WA1HYN	13,362	175	51 S	BCD BC
KA1QAS	4	1	1 5	F	KA2AEV/1	8,028	184	36 S	
N1EXG	2,873	129	17 Q	BCD	AI1K	1,700	85	20 S	
N2SB/1	460	23	10 Q	D	WB2DNE/1	35,870			ABCDE
W1QK (+H	KA1SYG,N1				W1OP (K1s				
	48,981	472	87 L	ABCD		15,105			ABCD9E
WA1MMZ							J,KA1V	VVH,KM	1X,NO1U,WA1s
	4,836	153	31 L	BD	AHK, VPC, o				
						18,361	255	61 L	ABCD
	Massach				Vermont				
WB1FKF	30,627	206	83 S	ABCD9EFGHI	Vermont				
N1BWT	16,744	230		ABCD9I	W1AIM	10,488	145	57 S	ABCD
KX1C	12,240	200	48 S	ABCD	K1LPS	7,755	127		ABCD
WIGXT	4,736	114	32 S		N1DIQ	780	39		AB
AJ1E	4,727	117	29 S	BDE	KA1BSZ	720	60	12 S	в
N1GZZ	3,275	102	25 S	BD	WB1GQR (K			l,ops)	
K1MBO	2,704	101	26 S	ABC	•	105,444	694	116 L	ABCD
KC1ZU	1,995	133	15 S	B					
W1ZNY	1.620	90	18 S	B	Western I	<b>Massact</b>	nuset	s	
AA10	880	45	16 S	BD	N1DPM	70.080			ABCD9EF
	585	45	13 S	В	KIISW				ABCDE
W1PSG									ABUDE
	396	33		AR		14,448			ADODOF
KA1AMR	396	33	12 S	AB	NA1W	8,225	131	47 S	ABCD9E
KA1AMR	+N1IGJ)		12 S		NA1W WA2TIF	8,225 7,668	131 168	47 S 36 S	BD
KA1AMR WA1LBK (	+ N1IGJ) 7,335	115	12 S 45 M	ABCDE	NA1W WA2TIF NC1I	8,225 7,668 5,450	131 168 109	47 S 36 S 25 S	BD D
KA1AMR WA1LBK (	+ N1IGJ) 7,335 (A1IOR,N1I	115 HOQ,V	12 S 45 M VA1s GP	ABCDE D,YKN)	NA1W WA2TIF NC1I K1BE	8,225 7,668 5,450 3,776	131 168 109 89	47 S 36 S 25 S 32 S	BD D ABCD
KA1AMR WA1LBK ( K5MA (+K	+ N1IGJ) 7,335 (A1IOR,N1I 47,479	115 HOQ,V 510	12 S 45 M VA1s GP 79 L	ABCDE D,YKN)	NA1W WA2TIF NC1I K1BE N1FUS	8,225 7,668 5,450 3,776 2,240	131 168 109 89 104	47 S 36 S 25 S 32 S 20 S	BD D ABCD BD
KA1AMR WA1LBK ( K5MA (+ K	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V	115 HOQ,V 510 VA1KA	12 S 45 M VA1s GP 79 L (T)	ABCDE O,YKN) ABD	NA1W WA2TIF NC11 K1BE N1FUS WA3EEC	8,225 7,668 5,450 3,776 2,240 867	131 168 109 89 104 46	47 S 36 S 25 S 32 S 20 S 17 S	BD D ABCD BD ABCD
KA1AMR WA1LBK ( K5MA (+ K	+ N1IGJ) 7,335 (A1IOR,N1I 47,479	115 HOQ,V 510 VA1KA	12 S 45 M VA1s GP 79 L (T)	ABCDE O,YKN) ABD	NA1W WA2TIF NC1I K1BE N1FUS	8,225 7,668 5,450 3,776 2,240	131 168 109 89 104 46 40	47 S 36 S 25 S 32 S 20 S 17 S 17 S	BD D ABCD BD ABCD B
Katamr Watlbk ( K5Ma (+ M Watqzk (	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V	115 HOQ,V 510 VA1KA	12 S 45 M VA1s GP 79 L (T)	ABCDE O,YKN) ABD	NA1W WA2TIF NC11 K1BE N1FUS WA3EEC	8,225 7,668 5,450 3,776 2,240 867	131 168 109 89 104 46	47 S 36 S 25 S 32 S 20 S 17 S	BD D ABCD BD ABCD
Katamr Watlbk ( K5Ma (+ M Watqzk (	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V	115 HOQ,V 510 VA1KA	12 S 45 M VA1s GP 79 L (T)	ABCDE O,YKN) ABD	NA1W WA2TIF NC1I K1BE N1FUS WA3EEC K1JG	8,225 7,668 5,450 3,776 2,240 867 680	131 168 109 89 104 46 40	47 S 36 S 25 S 32 S 20 S 17 S 17 S 7 S	BD D ABCD BD ABCD B ABCD B
KA1AMR WA1LBK ( K5MA (+ K WA1QZK ( <b>Maine</b>	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V	115 HOQ,V 510 VA1K4 107	12 S 45 M VA1s GP 79 L (T)	ABCDE O,YKN) ABD	NATW WA2TIF NC11 K1BE N1FUS WA3EEC K1JG N1JJD	8,225 7,668 5,450 3,776 2,240 867 680 210	131 168 109 89 104 46 40 22 14	47 S 36 S 25 S 32 S 20 S 17 S 17 S 7 S	BD D ABCD BD ABCD B ABCD B
W1PSG KA1AMR WA1LBK ( K5MA (+K WA1QZK ( MAIQZK ( NY1E W1XN	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V 2,736	115 HOQ,V 510 VA1K4 107	12 S 45 M VA1s GP 79 L VT) 24 L	ABCDE D,YKN) ABD ABD	NA1W WA2TIF NC1I K1BE N1FUS WA3EEC K1JG N1JJD WA1ZUH	8,225 7,668 5,450 3,776 2,240 867 680 210 98	131 168 109 89 104 46 40 22 14	47 S 36 S 25 S 20 S 17 S 7 S 7 S 16 Q	BD D ABCD BD ABCD B ABCD B
KA1AMR WA1LBK ( K5MA (+ K WA1QZK ( <b>Maine</b> NY1E W1XN	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V 2,736 5,600 2,350	115 HOQ,V 510 WA1K4 107 160 94	12 S 45 M VA1s GP 79 L 79 L 10 24 L 35 S 25 S	ABCDE O,YKN) ABD ABD AB	NA1W WA2TIF NC1I K1BE N1FUS WA3EEC K1JG N1JJD WA1ZUH K1II	8,225 7,668 5,450 3,776 2,240 867 680 210 98 1,504	131 168 109 89 104 46 40 22 14 94	47 S 36 S 25 S 32 S 17 S 7 S 16 Q 15 Q	BD ABCD BD ABCD B ABCD B ABCD B AB
KA1AMR WA1LBK ( K5MA (+ K WA1QZK ( <b>Maine</b> NY1E W1XN W9KDR/1	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V 2,736 5,600 2,350 816	115 HOQ,V 510 WA1K4 107 160 94 43	12 S 45 M VA1s GP 79 L 79 L 79 L 24 L 35 S 25 S 17 S	ABCDE D,YKN) ABD ABD AB AB BD	NA1W WA2TIF NC1I K1BE N1FUS WA3EEC K1JG N1JJD WA1ZUH K1II KB1VC WT1W	8,225 7,668 5,450 3,776 2,240 867 680 210 98 1,504 1,065 882	131 168 109 89 104 46 40 22 14 94 61 59	47 S 36 S 25 S 20 S 17 S 7 S 16 Q 15 Q	BD ABCD BD ABCD B ABCD B ABCD AB ABDI ABD
KA1AMR WA1LBK ( K5MA (+ M WA1QZK ( MA1QZK ( M12K W1XN W9KDR/1 K10YB	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V 2,736 5,600 2,350 816 741	115 HOQ,V 510 WA1K4 107 160 94 43 31	12 S 45 M 79 L 79 L 10 24 L 35 S 25 S 17 S 19 S	ABCDE O,YKN) ABD ABD AB BD ABC ABCD	NA1W WA2TIF NC11 K1BE N1FUS WA3EEC K1JG N1JJD WA1ZUH K111 KB1VC WT1W W2SZ/1 (K1:	8,225 7,668 5,450 3,776 2,240 867 680 210 98 1,504 1,065 882 s DH,NKF	131 168 109 89 104 46 40 22 14 94 61 59 R,KA1F	47 S 36 S 25 S 32 S 20 S 17 S 7 S 16 Q 14 Q 78T,WA1	BD D ABCD BD ABCD B ABCD B AB ABDI ABD S UGE,ZMS,
KA1AMR WA1LBK ( K5MA (+ K WA1QZK ( Maine NY1E W1XN W9KDR/1 K10YB W1PLX	+ N1IGJ) 7,335 (A1IOR,N1I 47,479 (+ K1DFD,V 2,736 5,600 2,350 816 741 630	115 HOQ,V 510 WA1K4 107 160 94 43 31 42	12 S 45 M VA1s GP 79 L 17) 24 L 35 S 25 S 17 S 19 S 15 S	ABCDE O,YKN) ABD ABD AB BD ABC ABCD	NA1W WA2TIF NC11 K1BE N1FUS WA3EEC K1JG N1JJD WA1ZUH K111 KB1VC W12V W12V W2SZ/1 (K1: AB2LKEZT	8,225 7,668 5,450 3,776 2,240 867 680 210 98 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,504 1,505 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,505 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,210 2,505 2,505 2,210 2,507 2,210 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,507 2,5	131 168 109 89 104 46 40 22 14 94 61 59 R,KA1F	47 S 36 S 25 S 32 S 20 S 17 S 7 S 16 Q 15 Q 14 Q 2RT,WA1	BD ABCD BD ABCD B ABCD B ABCD AB ABDI ABD

2					N2CKH	11,033	156	59 S	ABCD
Eastern N	lew Yor	c			WB2QOQ	10,296	286	36 S	В
W2XL	20.724	267	66 S	ABDE	AA2U	6,468	101	49 S	ABCD
WA2BAH	15.072	244		ABCD	WA2UDT	5,632	102	44 S	ABCD
W3HHN	6.552	168	39 S	AB	AK2F	5,617	107	41 S	
K2XA	6,061	167	29 S	BD	KT2B	3,500	75		ABDEF
			29 S	8	N2WM (+K				
K2QE	5,992	214		BD		186,238	819	169 M	ABCD98
N2LDR	3,844	105	31 S		NX2Q (+N.	J2Y)			
WM2Y/1	3,078	114	19 S	ABCD	•	1,480	64	20 L	AE
N2IGX	2,574	117	22 S	В					
WB2VVQ	2,425	89	25 S	ABC	Southern	New Je	reev		
WB2ECL	2,220	113	15 S	ABCD	WB2YEH	49,980	308	98 S	ABCD9
W2GKR	1,755	65	27 S	AB					
K2CT (N2JI					W2HRW	25,960	363	59 S	ABD
	1,368	109	12 S	ABC	W2EIF	13,888	156	62 S	ABCD9E
WY2H	1,288	73	14 S	BD	W3BFC	4,524	156	29 S	В
KA2MCU	1,241	54	17 S	ABCD	K2BWR (+				
WB2MRX	1,168	73	16 S	AB		28,569	198	89 M	ABCDE
KA2AUQ	1,125	75	15 S	в					
N2KMX	1.088	64	17 S	B 1	Western	New Yo	rk		
N2KFR	924	71	11 S	BD	KA2RDO	57,466	350	118 S	ABCDE
WA2KPD	552	55	8 5	BC	KA2ENE	4,410	112	35 S	ABD
K2RI	504	44	9 S	BCD	W2XG	3,060	128	17 S	ABCD
WB2OEE	407	37	11 5	8	KE2GD	2,450	70	35 S	B
N2LIJ	225	45	5 5	В	WB2QCJ	2,430	45	27 S	č
KA2VNP	116	23	4 S	BD	W2WGL	2,450	57	32 S	BD
KB2CIR/N	112	14	4 S	C	N2WK (+K			32 3	DU
WA2SRP	52	13	4 5	B	N2WK (+K			400.1	
	52 40		2 5	AB		85,974		138 L	
WA2OYV		20	2 S 3 S	B	N2LXD (+1		rG,LX	S,LYZ,MI	_1,NY2Z,
W2VDI	39	13			WA2SXH,				
WA2FME	36	18	2 S	AB		15,244	205	74 L	ABD
KB2KXC	24	10	2 S	BD					
KD2IX	12	3	2 S	D	3				
K2BST	2	2	1 S	в	Eastern F	Penneviv	enie		
K2KGJ	688	38	16 Q	ABCD					40000
W2GKO (M	/2GKR,op)				WA2FGK	172,935	658	183 S	ABCD9
•	520	40	13 Q	AB	WA3HMK	18,126	342	53 S	B
K2AE (KB2	FTX,N2AC	Z,W2s	CJO,KE	,WZ2X,ops)	N3CX	16,740	107	60 S	CD9EF(
	16,416	249		ABCD	WN3A	16,464	343	48 S	в
NY2U (KA2	2s JZJ.VBI	N2LU	D.WA3RI	(B.ops)	KZ3X	6,864	156	44 S	
	2,679	120	19 L		KA3B	832	52	16 S	в
	_,				KW3F	572	44	13 S	в
NVCLOR					KA3VGD	324	36	9 S	в
NYC-Lon				A D O D O D O D O	W8IJ	4	2	2 S	Ā
N2LIV	51,254	356	98 S	ABCD9EF	WA3YON	43.672	281	106 Q	ABCD9
N2BFJ	42,669	283	99 S	ABCD9E	WØRSJ (+				
WA2EIO	6,786	122	39 S	BDE		40.280	318	95 M	ABCDE
WA2SLY	5,053	163	31 S	AB	AC3I (+KA				
WB2AMU	45	9	5 S	Α		15,540	259	60 L	AB
K2OVS	28	7	4 Q	Α		13,340	209	ω L	AD
					Marvland	-DC			
Northern	New Je	ersey			W3ZZ	117,470	467	170 S	ABCD9
N2CEI	160,648	569	172 S	ABCD9EFG	W3IP	78,100	369	142 S	ABCD9

WA4VHF K3YDX WA3GYW	4,216 2,835	83 45	34 S 21 S	BDE E
	986 703	58 37	17 S	В
KD3SW KE3Q	209 96	19 16	11 S 6 S	в
Western			0.0	0
N3FYD NW3C	29,498		98 S	
WBØIWG	13,588 45	9	79 S 5 S	AB
W3KWH (Al ops)		D,N3B 403	AW,WA 175 N	ATTS, WB3EML, ABCD9EFGHI
4				
Alabama	4 000	••		
KN4QS WB8RDY	4,032 748	84 34	48 S 22 S 15 S	AB
KB4FAI KB4PBM	345 140	23 14	10 S	в
WA4VUG KE4BM	66 817	11 43	6 S 19 C	
Georgia				
KA4KKF W4AQL (N7	594 FYT.N9H2	25 (O.ops)	18 S	ABD
		89	37 L	ABDE
Kentucky		-		_
WN4KKN AB4CR (+ A			4 S	
	15,484	169	79 L	ABD
North Ca WA1EHL	rolina 27,755	212	91 S	ABCDE
W4FSO KC4FWC	14,773 7,701	127 78	79 S 51 S	ABCD9
N4YZJ N4KWX	5,358 1,682	105 46	38 S 29 S	BCDE
WA4WZP	988	52	19 S	в
IIS,JQV,MI	BK,WS4F)			HSM,OOT,WD4s
W4BFB (WI	197,532 32NHQ,K4	s JQU	236 N PDY,T	P,KB4UFO,KC4s
TLX,ops)	63,920	GZ,N49 371	136 L	YN,WB4s PCJ, ABDE
KK4PF (+ N	19,380	181	85 L	ABCD
Northern	Florida			
N4TWX	1,728	46	32 S	ABD
South Ca WA4VCC	rolina 39,200	249	112 S	ABCDE
KM4ID	1,728	44	32 5	
Southern	Florida			
W4GJO N4XEO	2,142 210	54 27	34 S 7 S	
K4SC	99	11	9 S	AB
Tennesse N4USG	<b>19</b> 756	36	21 S	в
AD4F	88	11	8 S	A
WD4EWX)	47,710	270	130 N	4XW,WA4GBE, ABCD9E
Virginia				
N4HB K2UOP/4	85,400 80,656	389 362	140 S	ABCD9EF
K9OYD/4	9,955 8,892	114 134	55 S 52 S	BD9E BDE
WB4BVY		105	55 S	
WB4BVY W4DO K4FTO	8,800 7,332	139	47 S	ABD
WB4BVY	8,800 7,332 6,240 680	139 118 40	47 S 48 S	ABD ABD
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG	7;332 6,240 680 496	139 118 40 31	47 S 48 S 17 S 16 S	ABD ABD B B
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG WA1ZXX KC4IUK	7;332 6,240 680 496 207 119	139 118 40 31 23 17	47 S 48 S 17 S 16 S 9 S 7 S	ABD ABD B B B B B B
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG WA1ZXX KC4IUK KB4NT	7;332 6,240 680 496 207 119 2,774	139 118 40 31 23 17 60	47 S 48 S 17 S 16 S 7 S 38 C	ABD ABD B B B B B B ABD
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG WA1ZXX KC4IUK KB4NT KD4IY (K4HT RDU,RMJ)	7,332 6,240 680 496 207 119 2,774 WG,KA4RF K8MLM,KJ 178,374	139 118 40 31 23 17 60 RU,KJ4 ØRI,ops 737	47 S 48 S 17 S 16 S 9 S 7 S 38 C NG,KC 38 L	ABD ABD B B B B ABD ABD ABD ABDE
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG WA12XX KC4IUK KB4NT W4IY (K4HI RDU,RMJ) K2XR (K2s	7,332 6,240 680 496 207 119 2,774 WG,KA4RF K8MLM,K 178,374 JWE,OWF 41,563	139 118 40 31 23 17 60 RU,KJ4 ØRI,ops 737 3,N2KV	47 S 48 S 17 S 16 S 9 S 7 S 38 C NG,KC 38 L	ABD ABD B B B B ABD ABD MFM,WB4s NFS, ABDE
WB4BVY W4DO K4FTO WA4OVW K4ME W4B3 W412XX K04UK K04UK K04UK K04UK RDU,RMJ K2XR (K2s KM4XG (+	7,332 6,240 680 496 207 119 2,774 WG,KA4RF K8MLM,K4 178,374 JWE,OWF 41,563 KV3H) 7,667	139 118 40 31 23 17 60 RU,KJ4 ØRI,ops 737 8,N2KV 288 187	47 S 48 S 17 S 16 S 9 S 7 S 38 C NG,KC 3) 186 L VO,ops 89 L 41 L	ABD → ABD → B → B → B → ABD → ABD → ABD → ABDE → BD9E → B
WB4BVY W4DO K4FTO WA4OVW K4ME W4B3 W412XX K04UK K04UK K04UK K04UK RDU,RMJ K2XR (K2s KM4XG (+	7,332 6,240 680 496 207 119 2,774 WG,KA4RF K8MLM,Ki 178,374 178,374 178,374 178,374 XV3H) 7,667 KC4s WQ 7JLK)	139 118 40 31 23 17 60 RU,KJ4 ØRI,ops 737 3,N2KV 288 187 C,YMB	47 S 48 S 17 S 16 S 9 S 38 C NG,KC 5) 186 L VO,ops 89 L 41 L ,KD4s	ABD B B B ABD ABD ABD ABDE B BO9E B B DEP,EMD,LVH,
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG WA12XX KC4IUK KB4NT W4IY (K4HI RDU,RMJ, K2XR (K2s KM4XG (+ KC4YHI (+ N4LZJ,KL	7,332 6,240 680 496 207 119 2,774 KS8MLM,Ki 178,374 JWE,OWF 41,563 KV3H) 7,667 KC4s WQ	139 118 40 31 23 17 60 RU,KJ4 ØRI,ops 737 8,N2KV 288 187	47 S 48 S 17 S 16 S 9 S 7 S 38 C NG,KC 3) 186 L VO,ops 89 L 41 L	ABD B B B ABD ABD ABD ABDE B BO9E B B DEP,EMD,LVH,
WB4BVY W4DO K4FTO WA4OVW K4ME N4BG WA12XX KC4IUK KE4NT W4IY (K4H RDU,RMJ, K2XR (K2s KM4XG (+ KC4YHI (+	7,332 6,240 6800 496 207 119 2,774 WG,KA4RF (K8MLM,K 178,374 JWE,OWF 41,563 KV3H) 7,667 KC4s WQ 7,JLK) 3,441	139 118 40 31 23 17 60 RU,KJ4 ØRI,ops 737 3,N2KV 288 187 C,YMB	47 S 48 S 17 S 16 S 9 S 38 C NG,KC 5) 186 L VO,ops 89 L 41 L ,KD4s	ABD B B B ABD ABD ABD ABDE B BO9E B B DEP,EMD,LVH,
WB4BVY W4DO K4FTO W44COW K4ME N4BG W412XK K04IUK K04IUK K04IUK K04IX K04IX K04IX K04YK K04YK K04YH K04YH K04YH K04YH K04YH K04Y K04 K04 K04 K04 K04 K04 K04 K04 K04 K04	7,332 6,240 6800 496 207 119 2,774 WG,KA4RF (K8MLM,K 178,374 JWE,OWF 41,563 KV3H) 7,667 KC4s WQ 7,JLK) 3,441	139 118 40 31 23 17 60 737 3,N2KV 288 187 C,YME 93	47 S 48 S 17 S 16 S 9 S 38 C NG,KC 5) 186 L VO,ops 89 L 41 L ,KD4s	ABD ABD B B ABD ABD ABD ABD B BD9E B BD9E B BD9P, EMD, LVH, AB
WB40y7 W4PO K4FTO W4AVW K4ME N8BG W417(K4H RDU,RMJ K2XR (K2s K04VH (K4H RDU,RMJ K2XR (K2s K04XG (+ KC4YH (+ N4LZJ,KL 5 Arkansas WB5IGF Louisian	7,332 6,240 680 496 207 1,19 1,19 1,774 WG,KA4R K8MLM,K 178,374 JWE,OWF 41,563 KV3H) 7,667 KC4s WQ 7,JLK 3,441 3,441	139 118 40 31 23 17 60 737 737 737 737 8,N2KV 288 187 C,YME 93 2211	47 S 48 S 17 S 9 S 7 S 38 C NG,KC 38 C NG,KC 38 C NG,KC 38 C 186 L 41 L 37 L 37 L	ABD ABD B B ABD ABD ABDE B BD9E B DEP,EMD,LVH, AB ABCDE
WBBWYY           W4DO           W4DO           K4ME           N48G           N48G           N48G           K64NT           K01/RMJ           K01/RMJ           K2KR (K2s)           K44XG (+           K64YHI (+           S           Arkansas           WBSIGF	7,332 6,240 680 496 207 119 2,774 WG,KA4R 178,374 178,374 178,374 178,374 178,374 178,374 178,374 41,563 KC4s WQ 7,667 KC4s WQ 7,667 KC4s WQ 3,441 27,674	139 118 40 31 23 17 60 80,KJ4 737 737 737 737 737 737 737 737 737 73	47 S 48 S 17 S 9 S 7 S 30 L 16 S 9 S 7 S 37 S 186 L VO,ops 89 L 41 L 41 L 41 L 41 L 23 S	: ABD : ABD : B : B : B : ABD : ABD : ABDE : B : B : B : B : B : B : B : B
WB40YY W4DO K4FTO W44OW W44OW W41ZXX K4ME N48G K64NT K64NT RDU,RMJ K2XR (K2s K04XG (+ K64YH (+ N4LZJ,KL 5 Arkansas W5GF Louisa W5FYZ N5KWB (+	7,332 6,240 6,240 880 496 207 119 2,774 WG,KA4RF KK34LL,K (X84LL,K 41,563 KV3H) 7,867 KC4s WQ 7,3LK 3,441 27,674 9,691	139 118 40 31 23 17 60 737 737 737 737 8,N2KV 288 187 C,YME 93 2211	47 S 48 S 17 S 9 S 7 S 38 C NG,KC 38 C NG,KC 38 C NG,KC 38 C 186 L 41 L 37 L 37 L	: ABD : ABD : B : B : B : ABD : ABD : ABDE : B : B : B : B : B : B : B : B
WB4BVY W4DO K4FTO W4A0VW K4ME N4BG W41ZXK K64VT K64VT K64VT K64VT K12,KL K4XG (+ K4XG	7,332 6,240 6,240 880 496 207 119 2,774 WG,KA4RF KK34LL,K (X84LL,K 41,563 KV3H) 7,867 KC4s WQ 7,3LK 3,441 27,674 9,691	139 118 40 31 23 17 60 80,KJ4 737 737 737 737 737 737 737 737 737 73	47 S 48 S 17 S 9 S 7 S 30 L 16 S 9 S 7 S 37 S 186 L VO,ops 89 L 41 L 41 L 41 L 41 L 23 S	: ABD : ABD : B : B : B : ABD : ABD : ABDE : ABDE : B : B : B : B : B : B : B : B
WB40yr W4DO K4FTO W44OW K4ME N4BG W41Y (K4ME RDU,RMJ K2XR (K2s K04VH (+ N4LZJ,KL 5 Arkansas W55GF Louisian W55YZ N5KWB (+	7,332 6,240 6,240 880 496 207 119 2,774 WG,KA4RF K08MLM,K K08MLM,K K08MLM,K K08MLM,K 41,563 KV3H) 7,667 KC4s WQ 7,51K 3,441 3,441 3,441 3,441 4,27,674 4 9,966 N5JB2 9,891 924	139 118 40 31 23 17 60 RU,KJ4 97 8,N2KV 288 187 C,YME 93 211 42	47 S 48 S 48 S 7 S 38 C NNG,KC 9 S 38 C NNG,KC 9 S 38 C 106 L 41 L 41 L 41 L 101 S 23 S 63 L	ABD ABD B B ABD ABD ABDE B BD9E B DEP,EMD,LVH, AB ABCDE ABCDE ABCDE ABCDE
WB4BVY W4DO K4FTO W4A0W K4ME N48G W41ZXK K64VT K64VT K64VT K64VT K64VT K64VT K42XR K2XR (K2s KM4XG (+ K42YH (+ N4LZJ,KL S Arkansas W5SIGF Louisain W5FYZ N5KWB (+ Mississip W5SCA N5KWB (+ N5KWB	7,332 6,240 6,240 880 496 207 119 2,774 41,583 KV3H) 7,867 KC4s WQ 7,864 XV3H) 7,867 XC4s WQ 7,864 XV3H) 7,867 8,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 4,583 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,1664 4,16644,1664 4,1664 4,1664 4,1664 4,16644,1664 4,1664 4,1664 4,1664 4,16644,1664 4,1664 4,1664 4,16644,1664 4,1664 4,16644,1664 4,1664 4,1664 4,1664 4,16644,1664 4,1664 4,1664 4,16644,1664 4,1664 4,1664 4,16644,1664 4,1664 4,1664 4,16644,1664 4,1664 4,16644,1664 4,1664 4,1664 4,16644,1664 4,1664 4,16644,1664 4,1664 4,16644,1664 4,1664 4,16644,1664 4,16644,1664 4,1664 4,16644,1664 4,16644,1664 4,1664 4,16644,1664 4,16644,1664 4,1664 4,16644,1664 4,16644,1664 4,16644,1664 4,1664 4,16644,1664 4,16644,1664 4,1664 4,16644,1664 4,16644,1664 4,16644,1664 4,1664 4,16644,1664 4,166444,1664 4,16644,166444,1664 4,1664	139 118 40 31 17 60 30,U,KJ4 737 737 737,V2KV 288 187 7,V2KV 288 187 7,V2KV 288 187 7,37 211 131 35 56	47 S 48 S 48 S 17 S 16 S 9 S 38 C ING,KCC 101 S 186 L 41 L 41 L 41 L 41 L 41 L 41 L 43 S 43 L 23 S 63 L 22 S 20 S	ABD         .           ABD         .           ABD         .           B         .           B         .           B         .           B         .           B         .           B         .           ABD         .           ABD         .           BD9E         .           BD9F, EMD, LVH,         .           AB         .           ABD         .
WB48VY W4DO K4FTO W44OW K4ME N4BG W41Y (K4HF RDU,RMJ K2XR (K2s KM4XG (+ KC4YHI (+ N4LZJ,KC 5 Arkansas W55IGF Louisiani W5FYZ N5KWB (+ Mississip W55CA New Mex	7,332 6,240 6,240 496 207 119 2,774 WG,KA4RF (K641E,K641F, 7,667 41,563 KV3H) 7,667 41,563 KV3H) 7,667 41,563 XV3H) 3,441 27,674 <b>a</b> 9,66 N5JB2) 9,891 <b>pi</b> 924 <b>c</b>	139 118 40 31 23 17 60 40,KJA 737 737 37 37 288 187 27 288 93 211 42 131 35	47 5 48 5 17 5 16 5 9 5 38 C 89 L 89 L 41 L 50,005 89 L 41 L 101 5 23 5 63 L 22 5	ABD     ABD     ABD     B     ABD     B     ABD     ABD     ABD     ABD     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B     B
WB48VY W4DO K4FTO W4AOW K4AFTO W4AOW K4ME N8BG W41Y (K4HF RDU,RMJ K2XR (K2s K04VH (K4HF RDU,RMJ K2XR (K2s K04XG (+ K64YH (+ N4LZ),KL S Arkansas W85IGF Louisian W85IGF Louisian W85IGF NSKWB (+ Mississip W05CCA New Mez NSJHV K15S North Te	7,332 6,240 496 207 119 2,774 WG,KA4RF (K641E,K641F, 7,667 41,563 KV3H) 7,667 41,563 KV3H) 7,667 41,563 X641 27,674 <b>a</b> 9,691 9,891 <b>b</b> 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,015 1,	139 118 40 31 17 60 071,002 737 20,814 288 187 737 2211 42 93 211 42 131 35 56 33 13	47 5 5 48 5 17 5 5 9 5 7 5 0 9 8 9 5 7 8 0 9 8 9 1 186 L 186 L 196 9 9 1 186 L 197 9 9 1 186 L 198 1 101 5 23 5 63 L 22 5 20 5 20 5 20 5 20 5 20 5 20 5 20 5	ABD         ABD           ABD         ABD           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         AB           AB         AB           AB         AB           AB         AB           AB         AB           AB         AB           AB         AB           ABD         ABD           ABD         ABD           ABD         ABD           ABD         ABD           ABD         ABD
WB40YY W4DO K4FTO W4AOW K4ME N4BG W41Y (K4ME R0U,RMJ K2XR (K2s K04VH (+ N4LZ),KL 5 Arkansas W55(GF Louisian W55YZ N5KWB (+ Mississip W55YZ N5KWB (+ Mississip N5KWB (+ N5KWB (	7,332 6,240 496 207 119 2,774 WG,KA4RF (K64LE,K64RF 41,563 KV3H) 7,667 (K04S WQ 7,667 (K04S WQ 7,667 (K04S WQ 7,667 (X3H) 3,441 27,674 <b>a</b> 9,681 (X3H) 9,891 <b>b</b> 1,015 150 1,015 150 (X8S) 24,075 11,658	139 118 40 31 23 77 60 30,KJ4 96 0,KJ4 97 3,N2KV 288 187 737 2,N2KV 288 187 737 211 42 131 35 56 333 13 13	47 5 48 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 448 5 44	ABD         ·         ABD         ·         ABD         ·         ABD         ·         ·         ABD         ·         ·         B         ·         ·         B         ·         ·         B         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         · <td< td=""></td<>
WB48VY W4DO K4FTO W4AOW W4AOW K4AME N48G W412XK K44KE N48G K54NT RDU,RMJ K2XR (K2s K44XG (+ K64YHI (+ N4LZJ,KL S Arkansas W55YZ K54YHI (+ N5KWB (+ M55SSIP W55YZ K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K55NT K	7,332 6,240 6,240 880 496 207 119 2,774 WG,KA4RF (K381LM,K 41,563 KV3H) 7,667 KC4s WQ 7,841 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 3,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,441 4,44	139 118 40 31 23 77 60 60 737 737 737 737 288 187 737 238 211 42 131 42 131 35 56 333 13 139 78 848	47 6 5 48 5 48 5 48 5 48 5 48 5 48 5 48 5	ABD         ABD           ABD         ABD           B         B           B         B           B         B           B         B           B         B           B         B           ABD         ABD           ABD         B           BO9E         B           DEP,EMD,LVH,         AB           ABD         ABD
WB4BVY W4DO K4FTO W4A0W K4ME N48G K4ME N48G K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64VT K64V	7,332 6,240 6,240 880 496 207 119 2,774 496 207 119 2,774 41,563 KV3H) 7,867 KC4s WQ 7,867 KC4s WQ 7,867 KC4s WQ 7,867 S,441 2,7,674 <b>9</b> 9,891 9,891 9,891 9,891 9,891 9,891 1,480 1,015 150 24,075 11,658 2,106 1,404 4,5 4,54M,KY	139 118 40 31 17 60 80 80 80 80 80 80 80 80 80 80 80 80 80	47 6 5 48 5 48 5 48 5 48 5 48 5 48 5 48 5	ABD         ·         ABD         ·         ABD         ·         ABD         ·         ·         ABD         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         · <td< td=""></td<>
WB4BVY W4DO K4FTO W4AOW W4AOW W4AOW K4ME N4BG W4ACW K64NT K64NT RDU,RMJ K2KR (K2s K64NT RDU,RMJ K2KR (K2s K44XG (+ K64NT RDU,RMJ K2KR (K2s K44XG (+ N4LZJ,KL S Arkansas W5SIGF Louissisip W5FYZ N5KWB (+ Mississip W5SCA North Te K5MAT N5KH K5AS North Te K5MAT	7,332 6,240 6,240 880 496 207 119 2,774 41,563 KV3H) 7,867 KC4s WQ 7,864 XV3H) 7,867 KC4s WQ 7,864 XV3H) 7,867 8 9,891 9,891 9,891 1,480 1,015 1,658 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075	139 118 40 31 17 60 60 737 737 737 737 737 737 737 737 737 73	47 6 5 48 5 48 5 48 5 48 5 48 5 48 5 48 5	ABD         ABD           ABD         ABD           B         B           B         B           B         B           B         B           B         B           B         B           BD9E         BD9E           B         ABD           AB         ABD           AB         ABD           ABD         ABD           ABD         ABD           ABD         ABD           ABD         ABD           ABD         ABD           ABD         B           A
WB4BVY W4DO K4FTO W4AOW W4AOW W4AOW K4ME N4BG W4ACW K64NT K64NT RDU,RMJ K2KR (K2s K64NT RDU,RMJ K2KR (K2s K44XG (+ K64NT RDU,RMJ K2KR (K2s K44XG (+ N4LZJ,KL S Arkansas W5SIGF Louissisip W5FYZ N5KWB (+ Mississip W5SCA North Te K5MAT N5KH K5AS North Te K5MAT	7,332 6,240 6,240 880 496 207 119 2,774 41,563 KV3H) 7,867 KC4s WQ 7,864 XV3H) 7,867 KC4s WQ 7,864 XV3H) 7,867 8 9,891 9,891 9,891 1,480 1,015 1,658 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 11,668 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075 24,075	139 118 40 31 17 60 60 737 737 737 737 737 737 737 737 737 73	47 6 5 48 5 48 5 48 5 48 5 48 5 48 5 48 5	ABD         ABD           ABD         ABD           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         B           B         BO9E           B         B           B         B           B         ABD           AB         AB           AB         ABD           AB         ABD           ABD         ABD           ABD         ABD           ABD         ABD           ABD         B

<b>Oklahoma</b> K5SW	15,147	127	81 S	ABCDE
South Tex KB5IUA KC5FP	4,455 532	80 20	45 S 19 S	ABD ABCD
West Texa W5AL WS5C	1 <b>8</b> 5,088 390	73 26	48 S 15 S	ABCDE B
6				
Los Angel WB2ODH/6	6,120	103	45 S	ABCDE
WA6BIL AE6E (+AD6	3,379 C.WA6O	106 TU)	31 S	ABC
N6RMJ (+K4	14,640	190	60 M	ABCDE
W6UE (+ N6	16.445	195	65 L	ABCD
·	1,254	57	22 L	AB
Orange WB6FCS	9,760	133	61 S	ABCD
WA6FIT W6XD	795 260	53 20	15 S 13 S	AB AB
Pacific NI6E/KH6	522	29	18 S	A
Santa Barl	oara			
N6QOA K6VMN	912 324	39 27	19 S 12 S	ABC AB
WA6EJO KC6TJV	231 220	13 22	7 S 10 S	CEI B
Santa Clar	a Valley	v		
KF6CU AJ6T	8,037 2,162	117 94	57 S 23 S	ABCD AB
KB6NAN AA6PA (+K6	126	18	7 S	Â
	3,872	108	32 L	BD
San Diego				_
k6qm KB6MEG N6SUN	1,092 6,771 4,290	78 131 112	14 S 37 Q 26 Q	B ABCD BCD
<b>San Joaqu</b> N6UGR	in Valk 728	<b>≥y</b> 56	13 S	в
Sacrament N6KBX		у 65	25 S	в
W6SYY W6LLP	1,625 714 360	34 40	25 5 21 S 9 S	B B
<b>7</b> Arizona N7AMA (+W	(A7JTM) 1,972	68	29 L	AB
Eastern W N7JGO	ashingt 770	<b>on</b> 30	22 S	ABD
<b>Montana</b> W7KNT	9	3	3 S	A
Nevada				_
NC7K NW7O	2,376 2,325	99 60	24 S 31 S	B ABDE
K6KL WAØYPL	1,161 348	40 29	27 S 12 S	BD B
Oregon				
KE7CX K7HSJ	8,722 275	132 23	49 S 11 S	ABCD9E ABCD
W7ZRS	180	20	9 S	в
<b>Utah</b> NJ7A	1,704	58	24 S	ABD
WB7REL WA7PIB	910 280	30 15	26 S	ABD
WA4GPM (+	W7VXW) 6,441	99	57 L	ABD
Western V			57 2	ADD
WM7A	8,352	130	48 S	ABCDE
K7ND N3CCW	952 407	56 33	17 S 11 S	B BC
W7HDD (+V	V7YOZ) 5,652	105	36 M	ABCDEF
8				
Michigan KU8Y	33,744	238	111 S	ABCDE
K8MD KB8JI	15,795 14,186	129	81 S 82 S	ABCD9E
NBLMT WB8TGY	4,485	115	39 S 42 S	в
N8IQX	3,736 1,764 77	63 11	42 S 14 S 7 S	C B
NX8J N8HNS (+K EET,NSI)	800K,KE	8s AF	7 S S,KQB,V 102 L	
Ohio				
KE8FD	62,250	297	150 S	
WA8TJL WA8MZQ	56,990 27,664	212	139 S 112 S	ABD
WB8K K8MFO	25,536 11,492	169	84 S 68 S	ABD AB
WB8JAY KB8ZW	2,808 2,112 1,794	64 41	68 S 36 S 33 S 26 S	BD ABCD9E
WA8NPX NI8O	1,537	58 37	29 S	BD ABCD9E
WA8SVV	1,032	43	24 S	AB

K8MR	731	43	17 S	в	C
WA8RCN W8XT	153 3	17 3	9 S 1 S	B A	v
	4EQT,KA	8s SSI	B,YYT,N	8s CLV,MFS) ABCD9E	v
WA8NJR (+	KB8HLL)				
	20,826	182	89 L	ABCD	ç
West Virg				~	Ň
WA3EOQ/8 WA8YCG	1,150	56 46	37 S 25 S	CE B	Ň
N8FMD (+K HON,NPP,	a8zxp,ke ocv.ojk.	38EUN OKV.V	I,KD8BC (J8G)	,KV8S,N8s FMD,	Ň
N8FWL (+K	224,775	777	225 M		Ņ
FWL,KEE,M	ARD, PRU,	WB8C	NN,WU8	3Q)	
	14,742	165	81 L	ABCD	V
9					١
<b>illinois</b> K9PW	83,720	327	182 S	ABCD9E	١.
N2BJ WD9FBL	25,122	214	79 S	ABCD9E	<b>١</b>
W9JGV	8,778 6,160	103 140	57 S 44 S	ABCDE B	
N9KC N9BJG	6,084 4,316	71 71	39 S 52 S	BCDE ABD	1
WB9GKA WA8FTA/9	1,624 1,600	44 50	29 S	ABD A	
N9AQ WB9MXX	1,275	51	57 S 44 S 39 S 52 S 29 S 32 S 25 S 19 S	в	١
WB9QBU	817 540	43 36	19 S 15 S	AB B	}
Indiana					1
W9CSF	20,493	198	81 S	ABDE	`
W9OEH WB8YFE	18,009 8,241	261 103	69 S 67 S	B ABCD	
Wisconsir					E
WF9X	10,458	138	63 S	ABCD	1
WI8Z WA9LZM	4,608 4,067	128 77	36 S 49 S	B ABD	`
W9YCV WA9HCZ	2,835	66	35 S 33 S	BD	١
K9OSH	2,376 2,112	60 53	32 S	ABD ABD	
WA1UJU/9 W5ONL	2,070 880	69 40	30 S 22 S	B AB	
WØUC/9 (+	KØFVF,NØ 135,596		,BSH,WE	BIND ABCDE	1
_	100,000	-01	210 11	ABODE	
Ø Colorado					I
W2CRS	9,180	112	54 S	ABCDEI	4
KXØO K7VNU/Ø	3,072 1,364	57 42	32 S 31 S	ABD9E ABD	1
WA5DTK NØKV (+NØ	70 BZ)	14	5 S	В	
W5IXS (+W	12,948	168	52 M	ABCD9EFI	,
113170 (+11	448	19	16 L	ABCD	Ņ
lowa					•
WBØCQO WØYPT	7,500 4,116	95 58	60 S 42 S	ABD BCDE	
KDØPY	2,464	77	32 S	В	١
WØRAP KDØBT	1,449 1,139	30 55	21 S 17 S	DE BD	(
WØRPK (+ H WAØJFS,WE	(øs iqr,vi 300eu)	M,NØS	JAS,JEC	3,NOU,WØDQ,	١
	24,624	167	108 L	ABCD	
Kansas					ĺ
NØLL. NØFFO	34,928 5,500	209 77	118 S 55 S	ABCDE ABDE	1
NØJEQ WDØG	3,880	63 67	40 S 38 S	BDE AB	
WØRT	5,500 3,880 2,546 345 1,222	18	55 S 40 S 38 S 15 S 26 Q	BD	
WBØDRL (+	-NØKSC,V	VAØTK.	J)		1
	76,936	330	163 L	ABDE	
Minnesot	B		105 0	ABODAN	,
WAØBWE KØIR	56,835 41,300	290 251	135 S 118 S	ABCD9E	
KØFQA KØCJ	9,405 9,120	109 127	57 S 57 S	ABCD9E ABCDE ABDEI ABD BDF B AB	
KØMVJ KØFZG	3,471	62 65	39 S	BD <b>F</b> B	
WA2HFI	350	35	10 S	AB	1
WBØGGM (	24,056	192	97 L	ABCD	
KAØVYB (+			G4JEC,0 55 L		
Missouri					
WBØCLL	22,654 15,147	187	94 S	ABD	
WØRWH KØIFL	15,147 14,190	159 121	81 S 86 S	ABCDE	
KMØA WØJRP	14,190 11,396 7,998	115 98	77 S 62 S	ABCD	
North Dai NTØV	3,741	62	43 S	ABCDF	
Nebraeka	4ZZQ,KA	Øs CKI	F,VXK,KI	BØs IDS, IDV, IEW,	
Nebraska WØEQU (K/		X,GP		yv,phf,waøiwp,	
WØEQU (KA	Øl,ops)			ABCD	
WØEQU (K/ KEØMX,NØ	Øl,ops) 19,902	159	93 L		
WØEQU (K/ KEØMX,NØ WVØP,WX	Øl,ops) 19,902 I <b>kota</b>				
WØEQU (K/ KEØMX,NØ WVØP,WX South Da WBØHHM	Øl,ops) 19,902 I <b>kota</b> 1,323	36	27 S		
WØEQU (K/ KEØMX,NØ WVØP,WX	Øl,ops) 19,902 I <b>kota</b>	36 32	27 S 24 S	ABCD ABCD	
WØEQU (K KEØMX,NØ WVØP,WX South Da WBØHHM W7XU/Ø NØKRX VE	Øł,ops) 19,902 Ikota 1,323 1,080 735	36 32 35	27 S 24 S 21 S	ABCD ABCD	
WØEQU (K/ KEØMX,NE WVØP,WX South Da WBØHHM W7XU/Ø NØKRX VE Maritime-	Øl,ops) 19,902 Ikota 1,323 1,080 735	36 32 35 ndlan	27 S 24 S 21 S	ABCD ABCD B	
WØEQU (K KEØMX,NØ WVØP,WX South Da WBØHHM W7XU/Ø NØKRX VE	Øl,ops) 19,902 Ikota 1,323 1,080 735	36 32 35	27 S 24 S 21 S	ABCD ABCD B	
WØEQU (K/ KEØMX,NE WVØP,WX South Da WBØHHM W7XU/Ø NØKRX VE Maritime- KIGVM/VE1	Øl,ops) 19,902 Ikota 1,323 1,080 735 Newfou	36 32 35 ndlan 30	27 S 24 S 21 S d 14 S	ABCD ABCD B	

#### Quebec VE2FUT 13,560 168 60 S ABCD9E VE2DUB 11,934 177 54 S ABDEIJ VE2UMS (VE2s BAP,DRW,HGG,MLX,OFL,ops) 9,477 212 39 L ABD Ontario Ontario VE3ASO 79,194 113 134 S ABCOPEFI VE3KOH 67,727 377 131 S ABCDEI VE3KOH 67,727 377 131 S ABCDEI VE3KOH 67,727 377 131 S ABCDEI VE3KDE 6,854 113 46 S ABCD VE3BFM 4,601 80 43 S ABCD VE3BFM 4,601 80 43 S ABCD VE3BFM 4,601 80 43 S ABCD VE3D4 1,564 51 23 S BDE VE3D4 1,200 50 20 S BD VE3D4 1,200 50 20 S B VE3D4 1,200 50 20 S B VE3D51 286 213 S B VE3B2N 28688 236 96 L 26,688 236 96 L ABCD VE3QST (VE38 AUI,GBM,GRO,ops) 8,160 129 51 L BD VE3SAU (VE38 FHK,FHU,IGM,INPB,OIL,CUN, WGM,ops) 6,732 129 44 L ABCD VE3GBA (+ VE3STZ) 3,264 102 32 L B Alberta VE6BOJ VE6AFO 2,938 87 26 S ABD9 1,392 41 24 S ABD9 VE6AFO 1,002 VE6JW (K2JFV,op) 14 34 17 S ABD 114 19 6 S B VE6NOV (VE6s CA,KC,KZ,UUG,ops) 6,474 121 39 M ABD9E VE6MTR (VE6s CMM,XT,ops) 840 50 14 L ABD British Columbia British Columbia VE7ASI 525 28 15 S ABD VE7FOM 190 15 10 S ABD VE7PRC (VE75 ASY,BEE,DKE,DMH,EHF,EHQ,FUR, KMD,MLT,RJ,AJ,OPS) 1,280 80 16 L AB VE7KPB (+ VE7ZAC) 312 18 13 L ABD Marine Mobile W1TUMMM (+K1AFS,KB1KM,W1VY), W41ZVA,WB1ABI) 7,760 133 40 M ABCDE Rovers Atlantic Autamic N3(FT) 13,175 155 85 R B WB2VVV 8,466 150 51 R ABD WA1MKE 8,372 136 52 R ABCD9 KSIVO (WA3TID,WG3R,ops) 1,586 42 26 R ABCDEI K82NCG 472 59 8 R B WB3KUM 420 28 15 R B 26 R ABCDEI 8 R B 15 R B Canada VE6TA VE1MQ VE3SQD 1,674 1,159 1,040 31 R ABD 19 R AB 20 R AB 44 61 52 Central WB9EC4 (+ AA9D) 111,366 328 207 R ABCD9EGJ KE9QT 47,892 248 156 R ABD AA9AO (+ ND9Z) 5,035 84 53 R ABD NN9K 3,526 62 43 R BC Central Dakota KBØZQ (+ NØHJZ) 136,504 411 226 R ABCDEI Hudson 42,000 229 105 R ABCD9EFGHI 931 34 19 R ABCD KB2HQ WB2BEJ Midwest AJØE (+KØTLM) 108,864 296 252 R ABCDE WQØP (+WVØQ) 5,445 57 55 R ABCDE 600 23 20 R BD NFØQ New England N1GNB 1,898 67 26 R ABI N1JJJ (+K1ZBB) 1,602 89 18 R B Pacific K6LMN K6AAW/7 81 42 48 R BCD 25 R B 4,128 1,050 **Rocky Mountain** KBØCY NK5F K6XO 3,458 735 540 59 35 27 38 R 21 R 20 R ABDI AB B Roanoke KØDI (+WD4DWN) 8.745 64 55 R ABCD9EFGH Southeastern KC6WLC 882 46 18 R BC West Gulf 51 12 R BD 648 KA5BOU DX XE2/N6CA (+XE2/WB9AJZ) 36,153 234 103 R ABCD9EFGHI Checklogs KA2MCU, KA3MLY Q\$7--January 1992 107