

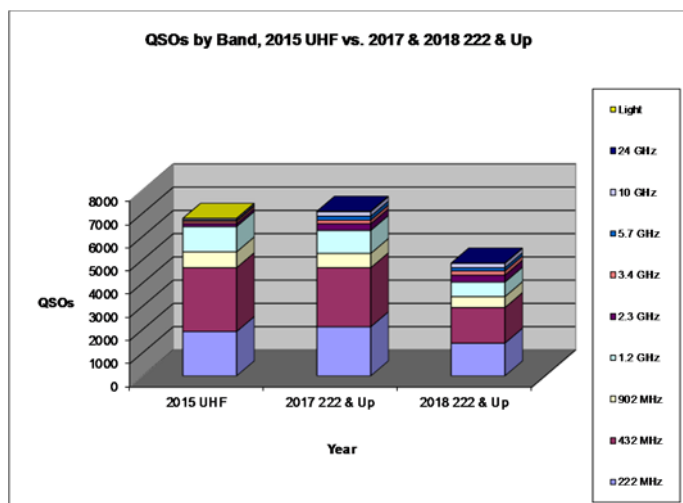


ARRL 222 MHz and Up Distance Contest 2018 Results

By John "JK" Kalenowsky, K9JK (k9jk@arrl.net)

Where did all the participants go?

As noted in the Preliminary Results, participation in 2018 dropped by 25% as compared to the count of logs submitted in last year's first installment of this radiosport event. Of 147 entries received, 113 were in the Single-Operator category, with 27 Rovers and 7 Multioperator.



Was last year's bump in activity from it being a 'new' event? While 2017's participation was above the four closing years of the August UHF Contest (2012-2015) and the independent running of the contest in 2016, this year's participation fell short of those numbers. 147 is still above the really doldrum years of 1982-1986 and 1988-1992 in the August event.

The Battle of the Bands

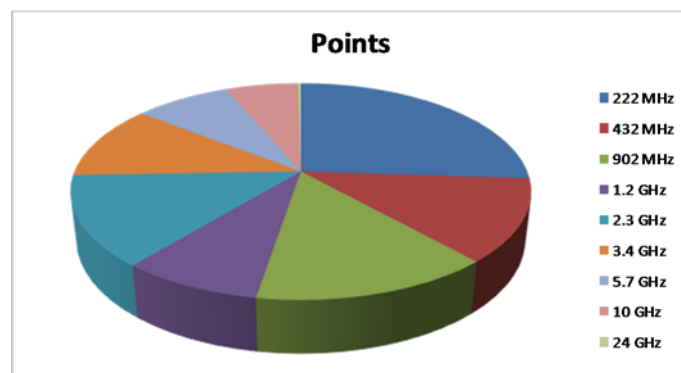
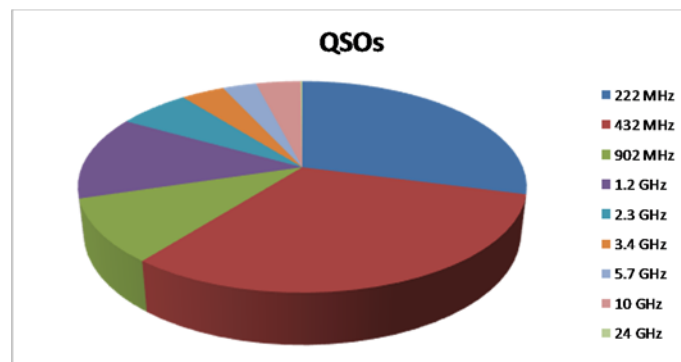
The 432 MHz band continued its reign as the most popular with 142 out of the 147 submitted logs (96.6%) reporting 1,531 QSOs on this band. 124 logs contained QSOs on 222 MHz. Despite 121 fewer QSOs than 432, 222 MHz repeated as the point leader, more than doubling 432 MHz, due to greater total distance achieved and the point multiplier of 2.

Less than 100 logs reported QSOs on each of the remaining bands. The highest band used was 24 GHz, the same as 2017. An interesting note, even with fewer overall logs more points were scored in 2018 on the 2.3, 3.4, and 24 GHz bands than were scored last year. Table 2 shows the activity level for all bands.

Table 1 – Activity by Band

Band	Logs	QSOs	Distance	Points
222	124	1,410	280,730	561,460
432	142	1,531	265,750	265,750
902	80	469	76,842	307,368
1.2G	87	623	90,513	181,026
2.3G	47	301	48,444	290,664
3.4G	32	181	24,040	240,400
5.7G	23	141	17,327	173,270
10G	33	187	22,115	132,690
24G	3	7	241	4,820

The following two charts give a more visual picture of the point value in the higher bands. 432 MHz generates a lot of QSOs but 902 MHz and 2.3, 3.4, and 5.7 GHz "punch above their weight!"



REALLY Going the Distance

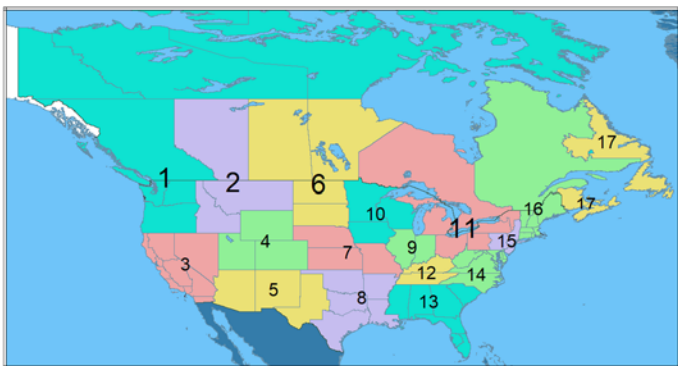
This year's longest QSO path on any band, 1331 km on 222 MHz, was reported by Ivars, KC4PX. It shattered the longest path from last year (also on 222 MHz) by 550 km (or should I say that it 'scattered' last year's longest path, since the path was made via meteor scatter?). N3RG was the other end of this path.

2018's longest path for 432 MHz was 781 km by Phil, K3TUF, just topping last year's 769 km. Interestingly enough, Phil's partner for that QSO was the same as last year, K9MRI. For 902 MHz, this year's longest path was 743 km, between Dave, K1RZ and Mike, N1JEZ; bettering last year's longest path for the band by 130 km.

On 1.2 and 2.3 GHz, Steve, VE3ZV, was one end for those bands, 660 km to Ron, WZ1V on 1.2 GHz and 658 km to Paul, K1GX, on 2.3 GHz. These also bettered last year's best DX for these bands; by 47 km on 1.2 GHz and by 139 km on 2.3 GHz. Bob, K2YAZ, claimed the longest path on 3.4 GHz for 2018, 410 km (to W9ZIH); this was 109 km shy of 2017's best for 3.4 GHz. With the 10x point multiplier for the band, it earned 4,100 points, the highest point value of any QSO in 2018. 2018's best path on 24 GHz was 48 km between Pete, K9PW/R and Jim, W9SNR/R, more than doubling 2017's longest path for the band of 19 km.

Texas (Region 8) was the place to be for the longest paths on 5.7 and 10 GHz. K5LLL, Ron, was on one end, reaching 335 km to AA5C on 5.7 GHz and 323 km to Al, W5LUA on 10 GHz. These paths were 'close but not quite' as long as last year's longest paths for the bands, 360 and 406 km, respectively.

Tell Me About the Regions, John



The 222 MHz and Up Contest is organized into 18 Regions, recognizing the geographic disparities of a continent-wide VHF+ contest. Each Region has its own leader tables and is covered separately in the writeup. (Map by K9JK, based on E18IC's mapability.com North American Overlay Map)

A table of the Top Three entries in each Region for all three categories follows the text of the writeup.

Region 3

Increased activity in California brought the region (which also includes Nevada), into the top spot for log submission with 21; 18 Single-Operator and three Rovers totaling 856 QSOs in the region's logs. 819 survived error checking.

N6NB/R, Wayne, piloted his Rover through 8 grids in southern and central California, active on the 8 bands from 222 MHz through 10 GHz for a final score of 154,688. He credits 4 Orange County fixed stations with being a reliable set of partners for the other side of many of his 231 QSOs. One of those stations was Greg, W6IT, who recorded 117 QSOs in his log for the region's top Single-Operator score of 51,977.

Region 3 – Best DX by Band

Band	km	Between	
222 MHz	344	W6IT (DM13bp)	KC6SEH (DM24ul)
432 MHz	373	N6RPM (DM04ua)	KC6SEH (DM24ul)
902 MHz	237	N6NB/R (CM94vl)	W6TAI (DM13cs)
1.2 GHz	237	N1BKB & W6TAI (DM13cs)	N6NB/R (CM94vl)
2.3 GHz	237	N1BKB & W6TAI (DM13cs)	N6NB/R (CM94vl)
3.4 GHz	237	N1BKB & W6TAI (DM13cs)	N6NB/R (CM94vl)
5.7 GHz	237	N1BKB & W6TAI (DM13cs)	N6NB/R (CM94vl)
10 GHz	237	N1BKB & W6TAI (DM13cs)	N6NB/R (CM94vl)

The five members of the region's only team, An Orange County Quintet, were N6NB/R, N1BKB, N6HC, W6IT and W6TAI. They achieved a combined total score of 314,666 in the Small Team category.

Region 16

Eighteen logs from the six states of New England plus the province of Quebec, claimed the second spot for log submissions. There were 16 Single-Operator and two Rover logs which contained 683 total QSOs, 663 of which survived log checking.

Region 16 – Best DX by Band (*Italics = no log received for that call*)

Band	km	Between	
222 MHz	883	K1TEO (FN31jh)	<i>K8TQK (EM89je)</i>
432 MHz	743	N1JEZ (FN44ar)	K1RZ (FM19jh)
902 MHz	743	N1JEZ (FN44ar)	K1RZ (FM19jh)
1.2 GHz	660	WZ1V (FN31rh)	VE3ZV (EN92vw)
2.3 GHz	658	K1GX (FN31tt)	VE3ZV (EN92vw)
3.4 GHz	406	K1TEO (FN31jh)	K1RZ (FM19jh)
5.7 GHz	210	K1GX (FN31tt)	W1FKF (FN43pf)
10 GHz	210	K1GX (FN31tt)	W1FKF (FN43pf)

Jeff, K1TEO, repeated as the top Single-Operator for the region. It's notable that he was 'short' four bands from last year. After his antenna array suffered Mother Nature's wrath earlier in the year, Jeff had only 222 MHz, 902 MHz, 2.3 GHz and 3.4 GHz operational for this contest. He had not been able to restore antennas for the 432 MHz, 1.2 GHz, 5.7 GHz and 10 GHz bands. Among the region's two Rovers, a point total of 12,427 from 36 QSOs across 4 bands, visiting FN32 and FN33, earned Chris, W1RGA/R the top spot for the category.

The "Really Weak Signal Group" was the lone team from Region 16. The efforts of team members AF1T, K1TEO, N1JEZ and W1GHZ yielded a total Small Team score of 219,349.

Region 1

The states of Oregon and Washington, plus British Columbia and Canada's Northern Territories provided 17 logs to claim the third spot in total logs. The region's 14 Single-Operator and 3 Rover entries included 340 QSOs with 318 QSOs after log checking.



Single-Operator Barry, AC7MD, claimed the region's best in that category with 59 QSOs for a total score of 9,823. (Photo credit – Barry Williams, AC7MD)

Mark, KE7MSU/R, roved through 3 grids and logged 46 QSOs for 6,871 points. Barry and Mark used the same 5 bands, 222 MHz through 2.3 GHz.

Region 1 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	415	KE7SW (CN87td)	<i>W7MEM (DN17mr)</i>
432 MHz	465	AC7MD (CN87km)	<i>W7MEM (DN17mr)</i>
902 MHz	164	AC7SG/R (CN88qk)	KD7UO (CN97bb)
1.2 GHz	164	AC7SG/R (CN88qk)	KD7UO (CN97bb)
2.3 GHz	87	AC7MD (CN87km)	WA7TZY (CN87xs)
3.4 GHz	22	K7ND (CN87qf)	KE7SW (CN87td)

(Sixteen was a popular log count, with Regions 11, 13 and 15 submitting that many.)

Region 13

710 QSOs from Region 13, made up of Alabama, Florida, Georgia, Mississippi and South Carolina, remained after log checking, out of 760 QSOs submitted. Six “/R” entries from the region was the highest number of Rover logs among all regions. Nine Single-Operator and 1 Multioperator entry brought the total to 16.

Chuck, KØVXM, was tops in the Single-Operator category with 117 QSOs across 8 bands from 222 MHz

through 10 GHz for a score of 85,000. The region's top rover was N2CEI/R with Steve visiting 7 grids, matching Chuck's band complement. Dave, N9HF, teamed up with Linda, N9LHS to complete 25 QSOs on the 222 and 432 MHz bands netting them a score of 4,079 as the region's sole Multioperator entry.

Region 13 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	1,331	KC4PX (EL98qg)	<i>N3RG (FM29ki)</i>
432 MHz	672	KC4PX (EL98qg)	<i>KH6TY (FM03xv)</i>
902 MHz	239	KØVXM (EL98pj) K4SME/R & N2CEI/R (EM80xa)	KF4YOX (EL96an) KC4PX (EL98qg)
1.2 GHz	239	K4SME/R & N2CEI/R (EM80xa)	KC4PX (EL98qg)
2.3 GHz	239	K4SME/R & N2CEI/R (EM80xa)	KC4PX (EL98qg)
3.4 GHz	223	K4SME/R & N2CEI/R (EM80xa)	KØVXM (EL98pj)
5.7 GHz	223	K4SME/R & N2CEI/R (EM80xa)	KØVXM (EL98pj)
10 GHz	223	K4SME/R & N2CEI/R (EM80xa)	KØVXM (EL98pj)

KC4PX's amazing path of 1331 km 222 MHz path to N3RG in Region 15, mentioned in the “REALLY Going the Distance” section above, is, of course, the longest for the region.

Team “Alpha Hotel” was joined by team “Ferret” to make Region 13 the first to have two Small Teams registered, with 4 members each. KØVXM, K4RSV, K4SME/R and N2CEI/R compiled a total score of 237,610 for Alpha Hotel, while KN4NIB/R, KN4NIH/R, KN4NTS/R and KN4NIG/R racked up a total of 70 points for the Ferret team efforts.

Region 15

The state of New Jersey and the ARRL sections of Eastern New York, Eastern Pennsylvania, and New York City-Long Island comprise Region 15. Their 16 logs were predominantly Single-Operator with 14 but also included one Rover and one Multioperator entry. Log checking found 663 good QSOs out of 683.

Region 15 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	767	N2NT (FN20si)	<i>N1GC (EM95It)</i>
432 MHz	781	K3TUF (FN10we)	<i>K9MRI (EN70iu)</i>
902 MHz	334	N1JEZ (FN44ar)	K1RZ (FM19jh)
1.2 GHz	391	WA2VNV (FN30kv)	VE3ZV (EN92vw)
2.3 GHz	458	K3TUF (FN10we)	VE3ZV (EN92vw)
3.4 GHz	334	K1TEO (FN31jh)	K1RZ (FM19jh)
5.7 GHz	210	K1GX (FN31tt)	W1FKF (FN43pf)
10 GHz	210	K1GX (FN31tt)	W1FKF (FN43pf)

The region's top Single-Operator score of 55,315 was achieved by K3TUF. Phil's QSO total was 98, using 222 and 432 MHz plus 2.3, 3.4 and 5.7 GHz. Despite only

using the 222 and 432 MHz bands, the operating team at N2NT (N2NC and WW2Y) logged 70 QSOs for a score of 29,199 in Multioperator. AI, K3WGR, soloed in the NN3Q/R roverbmobile through 3 grids with 8 bands (222 MHz through 10 GHz) to complete 72 QSOs for a final score of 28,056.

Region 11

This region consists of the states of Michigan and Ohio, ARRL sections of Northern New York, Western New York and Western Pennsylvania, plus the province of Ontario. It could be called the Great Lakes Region since it surrounds all of Lakes Ontario, Erie and Huron, most of Lake Superior and most of Lake Michigan's eastern shore! Of 606 QSOs recorded in the sixteen logs from the region (10 Single-Operator, 3 Rover and 3 Multioperator), 583 passed the muster of log checking.

A final score of 76,265 was the best among the region's Single-Operator entries, achieved by VE3ZV; Steve's 84 QSOs were made on 6 bands (222 MHz through 3.4 GHz). Jarred, KF2MR/R, piloted his roverbmobile through 4 Grids, FN02, FN03, FN12 and FN13, and completed 104 QSOs using the same 6 bands as Steve for a final score of 62,401.

Region 11 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	693	VE3ZV (EN92vw)	N1JEZ (FN44ar)
432 MHz	723	VE3ZV (EN92vw)	W9ZIH (EN51nv)
902 MHz	658	VE3ZV (EN92vw)	K1GX (FN31tt)
1.2 GHz	660	VE3ZV (EN92vw)	WZ1V (FN31rh)
2.3 GHz	658	VE3ZV (EN92vw)	K1GX (FN31tt)
3.4 GHz	410	K2YAZ (EN74av)	W9ZIH (EN51nv)
10 GHz	161	W2RMA/R (FM09mt)	K1RZ (FM19jh)

The "Lake Ontario Group" pre-registered as a small team and was active in Region 11. Members KF2MR/R, VE3CRU/R and VE3DS totaled up a team score of 133,181.

Region 10

Eight Single-Operator and three Rover logs were received from Iowa, Minnesota and Wisconsin, the states of Region 10. Of 396 QSOs in the region's logs, log checking found 390 good ones. [*Very good accuracy!* – Ed]

Four bands (222 MHz through 1.2 GHz), allowed Paul, WØUC, to complete 88 QSOs for a final score of 43,380 and lead the region's Single-Operator entries. With a final score of 52,283, Pete, K9PW/R achieved the top Rover score with 114 QSOs on 222 MHz through 24 GHz. Of the 5 grids through which Pete traveled, three were in Region 10 and two were in Region 9. Even though Pete completed slightly more QSOs from Region 9, the point total for the

QSOs from Region 10 was higher so his score was assigned to Region 10.

Region 10 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	708	WØUC (EN44hr)	KØTPP (EM48rj)
432 MHz	718	WØUC (EN44hr)	KBØZOM (EN10al)
902 MHz	430	WØUC (EN44hr)	K2YAZ (EN74av)
1.2 GHz	430	WØUC (EN44hr)	K2YAZ (EN74av)
		WØUC (EN44hr)	W9SZ (EN50rl)
2.3 GHz	285	K9PW/R (EN53va)	W9SZ (EN50rl)
3.4 GHz	285	K9PW/R (EN53va)	W9SZ (EN50rl)
5.7 GHz	285	K9PW/R (EN53va)	W9SZ (EN50rl)
10 GHz	285	K9PW/R (EN53va)	W9SZ (EN50rl)

The "Northern Lights Radio Rangers" team of KØAWU, KCØP/R, NØHZO/R and WØUC compiled a total score of 86,237 as the region's Small Team entry.

Region 9

While Region 9 includes both Illinois and Indiana, the region's 5 Single-Operator and 3 Rover logs were all from Illinois. 344 out of 353 QSOs were found good by log checking.

Bob, K2DRH, had 6 bands going (222 MHz through 3.4 GHz) and found 67 contacts for the region's top Single-Operator score of 34,410. Rover leader Jim, W9SNR/R, set up at three different spots, EN51, EN62 and EN52, and completed 93 contacts on his 9 bands (222 MHz through 24 GHz).

Region 9 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	658	K2DRH (EN41vr)	K8TQK (EM89je)
432 MHz	658	K2DRH (EN41vr)	K8TQK (EM89je)
902 MHz	658	K2DRH (EN41vr)	K8TQK (EM89je)
1.2 GHz	658	K2DRH (EN41vr)	K8TQK (EM89je)
2.3 GHz	285	W9SZ (EN50rl)	K9PW/R (EN53va)
3.4 GHz	285	W9SZ (EN50rl)	K9PW/R (EN53va)
5.7 GHz	285	W9SZ (EN50rl)	K9PW/R (EN53va)
10 GHz	285	W9SZ (EN50rl)	K9PW/R (EN53va)
24 GHz	48	K9PW/R (EN51xr)	W9SNR/R (EN62ad)

Region 9 was home to the "Going The Distance" team, this year's lone Large Team. A total score of 157,070 was achieved by the team's eight members: KØPG/R, K2DRH, K9GY, K9JK/R, K9PW/R, W9SNR/R, W9SZ, and W9XA.

Region 5

Six logs from Arizona (5 Single-Operator and 1 Rover) and a Multioperator entry from the West Texas Section were the region's complement of logs for 2018. New Mexico is also part of the region but, contrary to the 12 logs from the state in 2017, there were no logs from NM this year. 55 of the region's 58 QSOs survived log checking.

Single-Operator John, KC6SEH used the 222 MHz, 432 MHz, and 1.2 GHz bands to complete 10 QSOs for the top score of 4,162. Joe, KC5MVZ, teamed up with Jennifer, KE5BZO as the region's lone Multioperator entry. They made 13 QSOs on 222 through 902 MHz for a score of 1,367. Rover Jeff, KI5WL/R wandered through DM41 and DM42 with the 222 MHz, 432 MHz and 1.2 GHz bands to complete 7 QSOs for a score of 421.

Region 5 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	478	KC5MVZ (DM93dp)	W5LUA (EM13qc)
432 MHz	373	KC6SEH (DM24ul)	N6RPM (DM04ua)
902 MHz	22	KC5MVZ (DM93dp)	<i>AI5H/R (DM93bm)</i>
1.2 GHz	355	KC6SEH (DM24ul)	<i>K6TSK (DM03xt)</i>

Region 8

Arkansas, Louisiana, Oklahoma and the ARRL Sections of North and South Texas make up Region 8. Five Single-Operator logs and one Rover log were submitted. Of 104 QSOs, log checking only flagged one of them.

K5LLL, Ron, used 8 bands (222 MHz through 10 GHz) from his South Texas location to complete 35 QSOs for the region's top Single-Operator score of 28,801. Pat, W5VY/R completed 13 contacts on 222, 432 and 902 MHz as he visited EM24, EM34 and EM35 for a final score of 6,048.

Region 8 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	481	K5LLL (EM10kf)	W5AFY (EM04id)
432 MHz	481	K5LLL (EM10kf)	W5AFY (EM04id)
902 MHz	335	K5LLL (EM10kf)	<i>AA5C (EM13se)</i>
1.2 GHz	481	K5LLL (EM10kf)	W5AFY (EM04id)
2.3 GHz	323	K5LLL (EM10kf)	W5LUA (EM13qc)
3.4 GHz	335	K5LLL (EM10kf)	<i>AA5C (EM13se)</i>
5.7 GHz	335	K5LLL (EM10kf)	<i>AA5C (EM13se)</i>
10 GHz	323	K5LLL (EM10kf)	W5LUA (EM13qc)

Region 14

Delaware, Maryland-DC, North Carolina, Virginia and West Virginia brought five logs into the mix for the contest; four Single-Operator and one Rover. 287 QSOs (out of 296) survived log checking. [*Again, very nice accuracy! – Ed*]

Dave, K1RZ, piled up 216 QSOs across 8 bands (222 MHz through 10 GHz) for a final score of 153,837; the region's top Single-Operator score. Dave also claimed the longest QSO paths for the region on all 8 bands, reaching outside of his own region for all of those paths. The region's lone Rover was N9ZL/R; John visited 3 grids with 5 bands (222 and 432 MHz plus 1.2, 2.3 and 10 GHz) and completed 36 QSOs for a final score of 10,504.

Region 14 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	743	K1RZ (FM19jh)	N1JEZ (FN44ar)
432 MHz	743	K1RZ (FM19jh)	N1JEZ (FN44ar)
902 MHz	743	K1RZ (FM19jh)	N1JEZ (FN44ar)
1.2 GHz	531	K1RZ (FM19jh)	<i>VA3HD (FN14bb)</i>
2.3 GHz	495	K1RZ (FM19jh)	K1GX (FN31tt)
3.4 GHz	407	K1RZ (FM19jh)	K1TEO (FN31jh)
5.7 GHz	250	K1RZ (FM19jh)	NN3Q/R (FN21hb)
10 GHz	250	K1RZ (FM19jh)	NN3Q/R (FN21hb)

Region 12

The region's 3 logs, all from Tennessee (though Kentucky is also part of the region), contained 71 QSOs, with 70 making it past the log checking. [*Almost a golden region! – Ed.*]

Region 12 – Best DX by Band (Italics = no log received for that call)

Band	km	Between	
222 MHz	551	AG4V (EM55bc)	<i>K5QE (EM31cj)</i>
432 MHz	478	K4YRK (EM75wv)	<i>KH6TY (EM93xf)</i>
902 MHz	294	N4QWZ (EM66ok)	<i>W4ZRZ (EM63st)</i>
1.2 GHz	294	N4QWZ (EM66ok)	<i>W4ZRZ (EM63st)</i>

41 QSOs on the 4 bands 222 MHz through 1.2 GHz yielded a total score of 14,455 and was the winning combination for Todd, N4QWZ, among the region's two Single-Operator entries. Although his log didn't credit any additional operators, Steve, AG4V, entered the Multioperator category with a final score of 9,387 from 19 QSOs using the same 4 bands as Todd.

Region 7

Single-Operators Ben, KBØZOM, and Jim, WDØBQM engaged themselves in the battle of Kansas and Nebraska which, along with Missouri, are known as Region 7 for this event. Out of 7 QSOs in their logs (all of which survived log checking), Ben's 5 QSOs on 222 and 432 MHz netted him a final score of 3,238 to win the region.

Region 7 – Best DX by Band

Band	km	Between	
222 MHz	516	KBØZOM (EN10al)	WDØBQM (DN81cw)
432 MHz	718	KBØZOM (EN10al)	WØUC (EN44hr)

Region 4

After last year's visit to Region 4 (Colorado, Utah and Wyoming) by the "Californians and Friends Visiting Colorado" team that helped bump the region's log submissions to nine, NJ7A's Single-Operator, Single QSO log from Utah on 432 MHz was the only entry from the region in 2018. Dave's final score of 6 is thus the best for the region!

Region 4 – Best DX by Band (*Italics = no log received for that call*)

Band	km	Between	
432 MHz	6	NJ7A (DN30xp)	<i>K7LNP (DN30xo)</i>

While Region 6 provided two entries last year, no logs were received from the region in 2018. Regions 2, 17 and 18 continued their ‘silence’ in this contest.

Teaming Up and Clubbing

Three of the teams from last year returned for 2018. “Alpha Hotel” and “Really Weak Signal Group” returned as small teams, while the “Going The Distance” team expanded to the large team category. Teams appearing for the first time this year were all in the small category: “An Orange County Quintet”, “Ferret”, “Lake Ontario Group”, “Northern Lights Radio Rangers”, and “Pack Rats”.

Team Scores

	Region	Team	Score
Large	9	Going The Distance	157,070
Small	3	An Orange County Quintet	309,030
	10	Northern Lights Radio Rangers	86,237
	11	Lake Ontario Group	133,181
	13	Alpha Hotel	247,739
		Ferret	70
	15	Pack Rats	110,096
	16	Really Weak Signal Group	219,349

While 85 of the 147 logs listed one of 22 different Club names, only 9 clubs met the minimum of three logs to be considered for the club competition and all were in the Medium Club category.

Club Aggregate Scores

Club	Aggregate Score	Entries
Mt. Airy VHF Radio Club	349,765	13
Southern California Contest Club	314,666	5
Florida Weak Signal Society	308,638	10
North East Weak Signal Group	170,159	9
Rochester VHF Group	132,853	3
Society of Midwest Contesters	115,895	5
Northern Lights Radio Society	98,779	6
Badger Contesters	46,480	5
Pacific Northwest VHF Society	36,309	13

One More Time

The 2019 dates are set for the third installment of the 222 MHz and Up Distance Contest – starting at 1800 UTC on August 3rd and continuing for 24 hours.

- Can we increase participation?
- Can we get logs submitted from more Regions?
- Can we spur more interest in Teams?
- Can we help grow **our** event?

Consider a simple growth formula: Connect with another 222 MHz and above operator in your area who did not participate in the 2018 event. Consider mentoring as a means to enjoy the activity available at these frequencies, and help him/her to submit a log. Even if you can just motivate one new participant, that would double the activity – and it would double the log count.

Slow and steady wins the race...see you on the bands, 3-4 Aug, 2019!

Top Three Scores in Each Region

		<i>Call</i>	<i>Score</i>	<i>QSOs</i>	<i>Bands</i>
Region 1	Single-Operator	AC7MD	9,823	59	CD9EF
		KE7SW	5,523	43	CD9EFG
		KD7UO	5,056	37	CD9E
	Rover	KE7MSU/R	6,871	46	CD9EF
		AC7SG/R	3,308	15	CD9E
		K7JSG/R	597	9	CD
Region 3	Single-Operator	W6IT	51,977	117	CD9EFGHI
		W6TAI	38,212	80	CD9EFGHI
		N1BKB	35,030	76	CD9EFGHI
	Rover	N6NB/R	154,688	231	CD9EFGHI
		N6ZE/R	3,974	42	CD9E
		K6LMN/R	1,403	22	CDE
Region 4	Single-Operator	NJ7A	6	1	D
Region 5	Single-Operator	KC6SEH	4,162	10	CDE
		K7CNT	871	8	D
		KJ7OG	468	10	DE
	Rover	KI5WL/R	421	7	CDE
		Multi-operator	KC5MVZ	1,367	13
Region 7	Single-Operator	KBØZOM	3,238	5	CD
		WDØBQM	1,548	2	CD
Region 8	Single-Operator	K5LLL	28,801	35	CD9EFGHI
		W5LUA	25,889	38	CD9EFGHI
		W5AFY	9,090	13	CD9EF
		Rover	W5VY/R	6,048	13
Region 9	Single-Operator	K2DRH	34,410	67	CD9EFG
		W9SZ	23,539	34	CD9EFGHI
		K9YR	5,377	27	CDE
	Rover	W9SNR/R	29,358	93	CD9EFGHIJ
		KØPG/R	9,653	55	CD9E
		K9JK/R	2,625	28	CD9G
Region 10	Single-Operator	WØUC	43,380	88	CD9E
		KØAWU	18,256	26	CD9EI
		NØURW	11,739	28	CD9E
	Rover	K9PW/R	52,283	114	CD9EFGHIJ
		KCØP/R	21,179	47	CD9EFI
		NØHZO/R	3,422	7	CD9EI
Region 11	Single-Operator	VE3ZV	76,265	94	CD9EFG
		VE3DS	49,147	88	CD9EF
		K2YAZ	27,679	28	CD9EFG
	Rover	KF2MR/R	62,401	104	CD9EFG
		W2RMA/R	21,825	39	CD9EFGI
		VE3CRU/R	21,305	63	CD9EF

Region 11	Multi-operator	N2SLN	17,273	38	CD
		N2PA	12,798	34	CD
		KB8ZR	2,142	14	CD9E
Region 12	Single-Operator	N4QWZ	14,455	41	CD9E
		K4YRK	1,764	10	D
	Multi-operator	AG4V	9,387	19	CD9E
Region 13	Single-Operator	KØVXM	85,000	117	CD9EFGHI
		KC4PX	37,945	80	CD9EF
		N4NGZ	11,547	55	CD9E
	Rover	N2CEI/R	74,123	132	CD9EFGHI
		K4SME/R	73,403	131	CD9EFGHI
	Multi-operator	KN4NIB/R	32	3	CD
N9HF		4,079	25	CD	
Region 14	Single-Operator	K1RZ	153,837	216	CD9EFGHI
		W3IP	8,513	26	CD9EF
		W3FAY	442	6	CD
	Rover	N9ZL/R	10,504	36	CDEFI
Region 15	Single-Operator	K3TUF	55,315	98	CDFGH
		W2SJ	35,903	60	CD9EFG
		W2BVH	19,570	48	CD9EF
	Rover	NN3Q/R	28,056	72	CD9EFGHI
		Multi-operator	N2NT	29,199	70
Region 16	Single-Operator	K1TEO	100,724	101	C9FG
		K1GX	70,195	99	CD9EFGHI
		N1JEZ	51,317	74	CD9EFG
	Rover	W1RGA/R	12,427	36	CDHI
		KJ1K/R	8,014	26	CD9EFGHI