2011 ARRL January VHF Sweepstakes Results

No propagation, no warmth, no problem!

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In taineer George Mallory joined his third expedition to reach the summit of Sagarmāthā in the Himalayas, known by westerners as Mount Everest. At age 37, he believed it would be his final opportunity to stride upon the then-unreached top of the world's highest mountain. Legend has it he was the one who, when asked why he wanted to climb Everest, gave a simple but immensely profound reply: "Because it's there." The attempt cost him his life.

Today's VHF+ contesters generally don't have to contend with such perils. However, this past January, many competitors found themselves asking the same question: Why? The winter was one of the harshest on record for much of the country; record snowfalls in the Northeast, bitter cold in the Midwest, and the mere existence of substantial snow at all in parts of the southeast wreaked havoc on many contest ef-

forts this January. As if that weren't enough, the propagation gods struck a deal with Mother Nature and sucked the ionosphere dry of any substantial enhancement. One thinks of Mallory at base camp, huddled in a lonely, cold tent, and can imagine similar thoughts running through the VHFer, calling CQ late on a cold Saturday evening, mentally turning over every virtual rock in hopes of working a new station. The answer for why VHF contesters do it in their world is the same as Mallory's in his: because it (the contest) is there.

Rick, K1DS, roved through five grid squares in the Northeast during this year's January VHF Sweepstakes. "Despite the challenges of potential problem weather, roving in the northeast is still a treasure of contacts," he explains. "The major highways are kept clear, the rover spots I like are not



Stu Turner, WØSTU, made his first-ever foray into contesting a memorable one! Operating from the top of Mount Herman in Monument, CO (grid DM79), Stu managed 88 QSOs on 50, 144 and 432 MHz and earned a slot in the Top Ten in the Single Operator, Portable category. He'll be back on the mountain for more VHF+ fun!

real mountain tops, but rather clear hills or parking areas with a reasonable horizon, allowing for good microwave activity." Some of the reason is purely practical. "I am restricted by CCRs from having an outdoor antenna. I do have some in the attic, but the contest is much more fruitful as a rover." When you can have more fun by hitting the road with better antennas than staying home, the choice is made for you.

Perennial Single-Operator, Portable op Zack, W9SZ, has similar reasons for trudgin' across the tundra, mile after mile: "I guess it's for several reasons. One is that I don't have any home antennas for VHF+ and a hilltop location works out really well. Another is that I like the challenge and adventure of it all! And I like doing something that very few, if any, are also doing. I don't think there are too many other people running Single-Operator

Portable in the Midwest in January." He's right; there were only two other ops in the entire Central Region that braved the elements.

Why January?

So why is there a VHF contest in January? Kevin, W9GKA, has researched the history and trends of VHF+ contesting for years. In his work, he notes the ARRL announcement for the first January VHF Sweepstakes in the December 1947 QST saw the need "[T]o help stimulate activity on the VHF bands at a time when it is normally somewhat low." Indeed, then-ARRL Communications Manager F. E. Handy, W1BDI, made the comment as far back as November 1939 that regular communications on the VHF+ bands didn't require excellent conditions to be enjoyable: "Poor conditions were reported from some points, but that was the idea, to prove to the doubters that

real communication can be accomplished on u.h.f. day in and day out, with average conditions — no exceptional lucky breaks required. It can."

The development and popularity of the "big three" contests occurred within a very short time frame in the late 1940s. With the creation of the January VHF Sweepstakes, the League wanted to continue the 1930s UHF Marathon tradition of promoting activity on the "ultra-highs" regardless of propagation. Read more of Kevin's analysis in the Expanded Results version of this article online at www.arrl.org/contest-results-articles.

Some operators enjoy the competitive challenges found in January. Long-time VHFer Emil Pocock, W3EP, noted, "The January VHF contest really tests station capabilities and operator skills because of the generally poor propagation conditions."

Division Le	aders by	/ Category	,								
Single Operator, Low Power			Single Operator, QRP Portable			Multioperator			Limited Rover		
Division Atlantic Central Dakota Delta Great Lakes Hudson Midwest New England Northwestern Pacific Roanoke Rocky Mountain	Call WA3NUF K2DRH K2DRH KAØKYZ N4QWZ WN8R WB2SIH NØLL N1DPM KD7UO K1YQP W3IP NØYE	Score 151,276 147,333 2,112 26,866 8,456 55,971 8,643 106,812 4,147 12,560 37,157 5,902	Division Atlantic Central Dakota Delta Great Lakes Hudson Midwest New England Northwestern Pacific Roanoke Rocky Mountain	Call N3YMS W9SZ KDØEBT W4RXR N8XA WB2AMU NØJK WA1LEI N6LB KB5WIA KC8KSK KØNR	Score 31,150 6,392 333 2,624 576 976 126 48 340 2,134 210	Division Atlantic Central Dakota Delta Great Lakes Hudson New England Pacific Roanoke Southeastern Southwestern West Gulf	Call N3NGE N2BJ N0AT N4JQQ W8RU N2GCZ W1XM WA6KLK W4YCC W4NH KC6SEH K5QE	Score 532,656 21,608 18 11,229 6,204 22,680 14,319 2,310 3,720 21,528 2,752 178,563	Division Atlantic Central Dakota Delta Northwestern Pacific Roanoke Rocky Mountain Southwestern West Gulf Unlimited Rover	Call N2SLN/R KC9NJZ/R KC9O/R WA4JA/R NL7HJ/R W6YLZ/R K4GUN/R AB6YW/R N6ZE/R AF5Q/R	Score 850 3,440 4,176 1,275 1,045 60,390 15,052 2,070 1,078
Southeastern Southwestern West Gulf Canada Single Operator, Atlantic Central Dakota Delta Great Lakes	W2BZY KG6IYN W6ZI VA3ST	9,503 15,322 9,165 32,786 221,120 47,294 24,840 9,065 49,147	Southwestern Canada Limited Multiope Atlantic Central Dakota Great Lakes Hudson Hudson Midwest	N6NB VA3RKM	170,262 48 106,856 32,028 20,060 1,725 530 341 200	Rover Atlantic Central Delta New England Northwestern Pacific Rocky Mountain Southwestern	K1DS/R K9TMS/R AG4V/R W1RT/R K7HPT/R K9JK/R KJ4EWA/R N6TEB/R	110,760 9,075 18,717 26,950 6,336 370,923 2,278 245,244	Dakota Rocky Mountain Southwestern West Gulf	KCØP/R KRØVER/R KE6HPZ/R KD5IKG/R	4,959 7,680 189,837 2,376
Hudson Midwest New England Northwestern Pacific Roanoke Rocky Mountain Southeastern Southwestern West Gulf Canada	N2GHR NØGZ K1TEO N7EPD KC6ZWT K4QI W6OAL W4ZRZ KE7NR K5LLL VE2PIJ	60,076 8,192 369,444 18,356 18,179 44,460 11,468 52,668 8,415 23,175 6	New England Pacific Roanoke Southwestern West Gulf	N1WK K6QG K8GP N6MDV NR5M	58,887 1,323 139,887 231 8,844	West Gulf Canada	K5GJ/R VE3OIL/R	15,129 22,825			

Activity

Activity was lower in 2011 than in 2010; 710 submitted logs compared to 761 last year. This is in the lower portion of the average number of logs since 2006, which saw the highest number of submitted logs (793) in recent history. Despite the lackluster propagation often found on the Ultra-Highs in January, many HFers are taking a chance with their newer rigs that offer 6 meters and possibly 2 meters and connecting some feed line to the "other" antenna jack on the back. The VHF bands offer propagation and operating challenges that simply don't exist on HF, and it's nice to see some HFers dipping their toes in the VHF+ waters.

Alabama Contest Group member Jim, KC4HW, made a handful of QSOs on 6 meters with an HF antenna from EM71. "I used the 40-2CD tuned with the FT2000D; was quite surprised that it worked." Jim's working on beams for 6 and 2 meters and should have them up soon. While sporadic-E generally stays dormant during the winter months, there have been some phenomenal tropo and auroral openings in January over the years. Like the new golfer that has a couple of great shots in an otherwise dull round, there were plenty of interesting occurrences in this year's January VHF Sweepstakes to get the HFers to come back for more.

Single Operator Categories

Nearly 600 logs received were in a single-operator category, or 84% of all logs.

In the Single-Operator, High Power (SOHP) category, perennial winner Jeff, K1TEO in FN31 battled equipment failures and having to dig a tower base out of

Club Name

Club Iname	Score	Logs
Unlimited Club		
Mt Airy VHF Radio Club	2,058,590	66
Medium Club		
Southern California Contest Club	2,404,964	17
North East Weak Signal Group	811.940	26
Potomac Valley Radio Club	481,749	21
Society of Midwest Contesters	201,724	15
Northern Lights Radio Society	111,522	11
Contest Club Ontario	78,518	9
Pacific Northwest VHF Society	66,578	19
Yankee Clipper Contest Club	57,629	8
Roadrunners Microwave Group	50,328	6
Florida Weak Signal Society	48,088	13
Badger Contesters	44,426	12
Tennessee Contest Group	27,209	5
Frankford Radio Club	22,263	4
Northern California Contest Club	17,326	14
Six Meter Club of Chicago	13,562	10
North Texas Microwave Society	7,873	3
Mad River Radio Club	7,527	5
Grand Mesa Contesters of Colorado		4
Rochester VHF Group	5,730	5
Alabama Contest Group	4,471	3
Rochester (MN) ARC	3,819	11
Alaska VHF-UP Group	1,315	3
Arizona Outlaws Contest Club	880	5
Local Club		
Murgas ARC	207,630	5
Eastern Connecticut ARA	69,410	5
Stoned Monkey VHF ARC	34,738	. 9
Bristol (TN) ARC	27,804	10
Chippewa Valley VHF Contesters	16,163	3
Granite State ARA	11,855	4
Bergen ARA	11,087	7
Raritan Bay Radio Amateurs	9,234	6 5
Burlington County Radio Club Mobile Sixers Radio Club	6,131	4
Dauberville DX Assn	3,531 2,901	3
Portage County Amateur Radio Ser		6
Delara Contest Team	1,535	3
Downey ARC	837	3

several feet of snow to effect repairs on a damp power divider. Even so, he cruised to his ninth SOHP victory in ten years. Making effective use of the higher bands was key to his success; out of 880 QSOs, 188 (18%) of Jeff's QSOs were on 902 and up. 100 QSOs came from Rovers.

Second place this year went to Phil,

K3TUF in FN10, moving up a slot from 2010. Phil put in big efforts this past year to install a rotating tower and raise his microwave antennas above the trees. "I called this my test voyage and to that end the voyage was successful, the equipment held up and did not fail." Dave, K1RZ of the Grid Pirates fame earned third place from FM19. When conditions falter, the "Northeast Corridor" seems to dominate more than usual. This year was no exception; only Jimmy, W4ZRZ in EM63 and Glenn, K8TQK in EM89 made the Top Ten away from the East Coast, earning 9th and 10th place, respectively.

Single-Operator, Low Power (SOLP) continues to be the most popular category in the event; six out of ten entries were in this category. As with High Power, the Right Coast dominated the category's Top Ten, with one notable exception. The battle for first place was between Phil, WA3NUF in FN20 and Bob, K2DRH on the Illinois side of the Mississippi in EN40. Both gentlemen have a long history entering in the SOLP category, with Bob trumping Phil three out of the last four years. This year, Bob had almost double the multipliers of Phil; however, with the substandard conditions, the Northeast population advantage and QSOs on four extra microwave bands proved to be too much for Bob's high mult count, and WA3NUF bested K2DRH by less than one percent! Fred, N1DPM, a regular "Top of the Box" guy, fought off some equipment problems and earned third place from his Feeding Hills, MA QTH in FN32.

It takes a special breed of VHFer to venture out in sub-zero conditions to enter the QRP Portable category. This year, twenty-

Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)		Southeast Region (Delta, Roanoke and Southeastern Divisions)			Central Region (Central and Great Lakes Divisions; Ontario Section)			Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)			West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)		
WA3NUF N1DPM AF1T K1KG WB2SIH	151,276 A 106,812 A 70,012 A 61,544 A 55,971 A	W3IP N4QWZ K4FJW W2BZY K5YPV	37,157 26,866 9,880 9,503 3,956	A A A A	K2DRH VA3ST N9LB VE3SMA K9MU	147,333 32,786 20,160 13,475 12,104	A A A A	W6ZI NØLL NØYE WØETT KAØKYZ	9,165 8,643 5,902 3,525 2,112	A A A A	KG6IYN K1YQP K6TSK W6OMF K6XN	15,322 12,560 10,395 6,846 4,321	A A A A
K1TEO K3TUF K1RZ WA2FGK (K2LNS, WB2RVX	369,444 B 221,120 B 180,737 B , op) 177,232 B 113,960 B	W4ZRZ K4QI KE2N KN4SM KØVXM	52,668 44,460 34,020 23,660 13,900	B B B B	K8TQK WØUC K8MD N8BI W9GA	49,147 47,294 36,936 20,306 14,080	B B B B	WØGHZ K5LLL WØZQ W6OAL NØGZ	24,840 23,175 12,169 11,468 8,192	B B B B	N7EPD KC6ZWT NU6S K7CW KE7NR	18,356 18,179 9,040 8,592 8,415	B B B B
N3YMS WB2AMU N2SPI N2YTF KC2YUG	31,150 Q 976 Q 876 Q 259 Q 136 Q	W4RXR KC8KSK N3AWS K9GY	2,624 210 18 1	Q Q Q Q	W9SZ N8XA VA3RKM	6,392 576 48	Q Q Q	KØNR WØSTU KDØEBT NØJK	1,725 1,309 333 126	Q Q Q	N6NB KB5WIA AF6RR N6LB	170,262 2,134 1,064 340	Q Q Q
K1JT K2LIM N1WK W1QK N8RA	106,856 L 78,068 L 58,887 L 30,988 L 22,098 L	K8GP WY3P KU1T N4ARR	139,887 22,119 1,656 315	L L L	W9RM KC9JTL N8ZM	32,028 1,976 1,725	L L L	KØSIX NR5M WØVB WD5IYF KO5D	20,060 8,844 2,905 2,475 555	L L L L	K6QG N6MDV KE7DX	1,323 231 33	L L L
N3NGE K3EOD WB3IGR N2GCZ W1XM	532,656 M 70,713 M 26,944 M 22,680 M 14,319 M	W4NH N4JQQ W4YCC WX5T K5VIP	21,528 11,229 3,720 2,380 1,372	M M M M	N2BJ W8RU KO9A K9IJ	21,608 6,204 3,658 1,896	M M M	K5QE KBØHH KC5MVZ NØAT	178,563 67,146 348 18	M M M	KC6SEH WA6KLK K6TWT W6RKC K9PY	2,752 2,310 495 407 288	M M M M
K1DS/R NN3Q/R W1RT/R K3IUV/R W3ICC/R	110,760 R 75,509 R 26,950 R 8,257 R 6,688 R	AG4V/R	18,717	R	VE3OIL/R K9TMS/R K9BTW/R K9HA/R KC9MMM/R	22,825 9,075 7,728 6,384 4,820	R R R R	K5GJ/R KØMHC/R KJ4EWA/R AE5P/R	15,129 3,690 2,278 1,350	R R R R	K9JK/R K6AH/R WB6BFG/R N6UWW/R N6HD/R	370,923 363,664 351,526 350,931 344,029	R R R R
N2SLN/R N3XUD/R AB4XC/R AB2YI/R	850 RL 640 RL 380 RL 312 RL	K4GUN/R WA4JA/R KD4RSL/R	15,052 1,275 1,218	RL RL RL	KC9NJZ/R KC9LFP/R	3,440 2,873	RL RL	KFØQ/R ABØYM/R AF5Q/R	4,176 2,070 190	RL RL RL	W6YLZ/R N6ZE/R NL7HJ/R K6LMN/R	60,390 1,078 1,045 247	RL RL RL RL
K4CHE/R	208 RL							KRØVER/R KCØP/R KD5IKG/R NØHZO	7,680 4,959 2,376 1,425	RU RU RU RU	KE6HPZ/R	189,837	RU

two hardy souls packed up their gear and headed for the hills. Not all of the country was beleaguered with bad weather, and the top QRP Portable op probably needed some sunscreen! Wayne, N6NB, set his sights on the QRP Portable category (as he did in September), and moved his operations to the top of Signal Peak, near Newport Beach, CA in DM13. With the assistance of the Southern

California Contest Club's pack of rovers, Wayne decimated the previous record score for the QRP Portable category, amassing 170,000 points. With September and January's QRP record under his belt, one wonders if he'll go for June 2011 as well. Second place went to the 2009 and 2010 winner Nick, N3YMS from FM29. Third went to tried-and-true QRP Portable entrant Zack,

W9SZ, set up outside near Champaign, IL in EN50. Zack reported he was able to complete QSOs with EM66 and EN44; not bad for no propagation and 10 W.

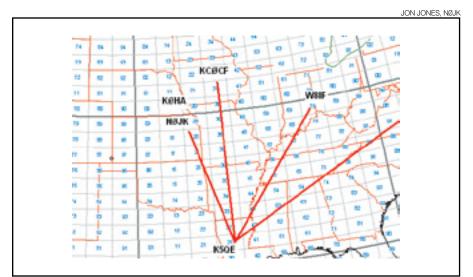
Multioperators

Multiop contesting can be the best of both worlds: when conditions are hot, you get to share the excitement with your friends. When conditions aren't so hot, you've got somebody to commiserate with. For the most part, this year seemed to fall into the latter category. Sixty multioperator logs were received for the event, or 8.5% of the total. This includes single-ops who decided they wanted to have spotting assistance or internet chat rooms at their disposal, too. The entries were split evenly between the Multioperator category (which allows QSOS on as many bands as you have antennas for) and the Limited Multioperator category (which allows QSOs on any four bands of your choice).

The Multioperator category saw good representation from much of the country, and some very familiar calls, as well. Leonard, N3NGE, once again took his great station outside of Morgantown, PA in FN20, gathered a team of great ops, and maximized skeds on meteor scatter and with rovers to amass over 1,250 QSOs and 216 multipliers (including an impressive 39 grids on



Single Operator,		QRP Portab	ole	Multioperate	or	Limited Rover		
Low Power		N6NB	170,262	N3NGE	532,656	W6YLZ/R	60,390	
WA3NUF	151,276	N3YMS	31,150	K5QE	178,563	K4GUN/R	15,052	
K2DRH	147,333	W9SZ	6,392	K3EOD	70,713	KF0Q/R	4,176	
N1DPM	106,812	W4RXR	2,624	KBØHH	67,146	KC9NJZ/R	3,440	
AF1T	70,012	KB5WIA	2,134	WB3IGR	26,944	KC9LFP/R	2,873	
K1KG	61,544	KØNR	1,725	N2GCZ	22,680	ABØYM/R	2,070	
WB2SIH	55,971	WØSTU	1,309	N2BJ	21,608	WA4JA/R	1,275	
W3PAW	54,720	AF6RR	1,064	W4NH	21,528	KD4RSL/R	1,218	
W3IP	37,157	WB2AMU	976	W1XM	14,319	N6ZE/R	1,078	
VA3ST	32,786	N2SPI	876	N4JQQ	11,229	NL7HJ/R	1,045	
	W3RJW 30,380		ltioperator	Rover		Unlimited Rover		
Single Operator,		K8GP	139.887	K9JK/R	370,923	KE6HPZ/R	189,837	
High Power		K1JT	106,856	K6AH/R	363,664	KRØVER/R	7,680	
K1TEO	369.444	K2LIM	78,068	WB6BFG/R	351,526	KCØP/R	4,959	
K3TUF	221,120	N1WK	58,887	N6UWW/R	350,931	KD5IKG/R	2,376	
K1RZ	180,737	W9RM	32,028	N6HD/R	344,029	NØHZO/R	1,425	
WA2FGK	,	W1QK	30,988	N6TEB/R	245,244			
(K2LNS, op)	177,232	WY3P	22,119	K1DS/R	110,760			
WB2RVX	113,960	N8RA	22,098	N6HC/R	101,367			
W2SJ	84,588	KØSIX	20,060	NN3Q/R	75,509			
WA3DRC	76,608	W3HZU	18,700	W1RT/R	26,950			
N2GHR	60,076							
W4ZRZ	52,668							
K8TQK	49,147							



Conditions were very flat across most of the country. Jon, NØJK's map shows a select few of the meteor-scatter QSOs made on Saturday night. Note the relatively short distances for meteors.

432 MHz) for almost 536,000 points, earning their fifth straight Multioperator title. Second place was earned by the Texas team of Marshall, K5QE. "Murphy decided to make his home here this contest," he lamented, losing both 2 meters and 432 MHz capabilities for a time. Despite the troubles, EME and meteors catapulted the team to the highest grid totals on 6 and 2 meters of any other entrant in the contest. Al, K3EOD and his team came in third this year, earning a Top Three slot for the second year in a row.

Limited Multioperator entrants focus their efforts on only four bands. This allows the team to really work a band to the absolute bottom, which several did. As with all other categories, the East Coast advantage cannot be overlooked, although a couple of Midwest teams did make the big box. Top honors this year go to the Grid, K8GP, piloted by veteran team members Terry, W8ZN and Andy, K1RA. This marks K8GP's first January entry since 2008. Not far behind in second place was Joe, K1JT and his Princeton team. They took advantage of 12 hours of visible moon and made 58 2-meter EME QSOs. "Does not make for a high QSO rate, but sure helps the grid count!" Third went to Team LIMO, K2LIM. While the team lost an "A" somewhere along the line (formerly using KA2LIM), Ken Kent and his group did a great job earning yet another Top Ten slot. Honorable Mention to both Keith, W9RM and Vince, KØSIX for making the Top Ten from the Midwest tundra.

Rovers

If you're going to operate mobile during the January VHF contest, trying to stay warm is generally a good idea! The SoCal Rovers needn't worry about winter weather and were able once again to band together and take the top slots in each of the three Rover categories. The winner of the "classic" rover category this year was John, K9JK, who hopped a plane westward and joined forces with the SoCal group. With second op John, N6MU hitching a ride in 'JK's RoverMobile, the team activated nine grids and made an easy go of taking the top spot. Fellow SoCal rovers Andre, K6AH and Bill, WB6BFG rounded out the top three. Outside of California, Rick, K1DS braved bad weather in the Northeast and activated five grids on his way to seventh place.

Limited Rover was won by another SoCal'er, Mike, W6YLZ (with Roozy, KG6OKB as second op). Their 627 QSOs with 83 unique calls led the category. Second place went to Roanoke Rover Representative Steve, K4GUN (assisted, as always, by XYL Kristine, K4LIG), hitting eight grids along the East Coast. Third place goes to Matt, KFØQ, who managed just over 100 QSOs from the frozen kingdom of Minnesota.

The Unlimited Rover category — where anything goes — yielded only five entrants this January. Glenn, KE6GPZ led the category as part of the SoCal group. Eric, KRØVER, along with 8-year old assistant Alisha, activated four grids in Colorado on their way to second place. Mel, KCØP, earned third place from Minnesota. "Cold WX, but much better propagation than last January." Tim, KD5IKG and Carol, NØHZO rounded out the category with operations in Texas and Minnesota, respectively.

Club Competition

One of the big points historically of the January VHF Sweepstakes has been club competition. Clubs would get all their members active and promote learning and have a lot of fun, all while working towards a com-

mon goal. Does the same hold true today? Jeff, K1TEO is skeptical: "A huge thanks to the Packrats who provided over 20% of my QSOs. A few years ago there were multiple active clubs here in the Northeast but it seems like only the Packrats are still at it. Please continue!"

Indeed, the Packrats, aka the Mt Airy VHF Radio Club, ran away with the Unlimited Club title by submitting logs from 66 members, more than double the number of the second-most represented club, the New England Weak Signal Group. The Packrats have been tirelessly promoting VHF+ operating for more than fifty years, and their combination of technical prowess, Elmering and operating skill is mighty tough to beat. Well done to the Packrats for rallying their troops.

The Medium Club category saw entries from 23 different clubs. Top honors go to the Southern California Contest Club, who parlayed their 17 entries from their Rovers into a force to be reckoned with. The New England Weak Signal group managed second place this year, and the Potomac Valley Radio Club earned third place.

The Local Club category had fourteen entries from across the country. High atop the others was the Murgas ARC based in Wilkes-Barre, PA. Second place goes to the Eastern Connecticut ARA, while the Stoned Monkey VHF ARC represented the Midwest well and gets crowned third.

Conclusion

VHF+ contesting, like many other things, depends on what you put into it. It is not the place for guaranteed results, especially in January. Mallory never attained his goal of reaching the summit of Mt Everest, but he kept trying, in part, because the chase was important to him. Band conditions will run hot and cold from year to year, but it's the pursuit of the fun and accepting the conditions for what they are on contest weekend that keep competition levels strong during this event.

Be sure to plan for the next ARRL January VHF Sweepstakes on January 21-23, 2012. Why? Because it's there!

