# **2006 ARRL January VHF Sweepstakes Results**

*Great improvement in weather from last year — scores are up!* 

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hat a contrast we have in 2006 (January 21-23) from last year's weather conditions in the central and northeastern part of the country, which caused substantially lower than normal scores for the 2005 January VHF Sweepstakes competition. With only one exception, VE3LCA noting that a raging blizzard simulated emergency conditions very well in Ontario, good weather conditions were reported. Scores are up in all categories compared to the 2005 results.

Propagation on the VHF/UHF bands, however, was generally poor. Flat conditions prevailed in most areas of North America. Normal tropo range out to around 300 miles or so was generally the limit with a few exceptions, mostly for operators in elevated or coastal locations. I normally check the signal levels from the W3CCX beacons in downtown Philadelphia over the 283 mile, partial water path to my Cape Cod QTH prior to the VHF contests. This time, the bottom four beacons (50 through 432 MHz) were audible just above the noise level; that is the normal signal level I hear when there is no extended propagation taking place. These signal levels are very typical for the winter season.

N3NGE's summation of both weather and propagation is typical of many soapbox entries: "Band conditions were flat, activity was moderately low, and the weather was fabulous!" Some participants were quite disappointed, as noted by N8XP: "The worst propagation on 2m that I have ever seen."

These kinds of conditions are very typical of the winter season, and, with rare exceptions, the January VHF SS event requires stamina and perseverance to produce a competitive score. The increasingly popular digital modes now being used in the VHF/ UHF/Microwave region provide contest entrants with tools to take advantage of meteor scatter and other less common propagation modes. Operators who are able to take advantage of the latest technology can significantly enhance their contest scores.

# 2006 Overall

The number of logs submitted for the 2006 January VHF SS competition was substantially higher than the total last year. Logs submitted this year totaled 793, compared to 718 in 2005. Participation in the 2005 event



The W8RU Limited Multiop: Ron, W8RU, getting some quality air time with future hams Julia (left) and Caroline.

was down substantially because of the heavy snow that made life difficult for everyone in the midwestern and northeastern states. As a consequence of the greatly improved weather conditions compared to last year, the number of rovers who participated this year was up by 27%. Participation in each of the six entry categories was up over last year.

There were 479 Single-Operator, Low-Power (SOLP) entries, up 8% from last year. The Single-Operator, High-Power category (SOHP) participation level was up in 2006 by 7% over last year to 149. Participation in both the Limited Multiop (LM) and QRP Portable categories was up by a whopping 45%, 14 participants and 43%, 6 participants respectively. This is likely a result of the huge snow event last year, when participation numbers were down substantially. Rover participation was up by 27%, 14 participants, over last year, while the Multioperator category was up by 12%, 3 participants.

#### Propagation

Most of the Soapbox comments indicated that propagation was poor, flat and nonex-

Top 10 S	Scores				
Single Ope		Lingitzed Mu	Limited Multioperator		
Low Power		W3SO	276.210		
K2DRH	174,894	K3YTL	98,084		
WA3GFZ	106.470	K2AXX	71,412		
N1DPM	106,268	N8ZM	49,206		
AF1T	91,001	W9RVG	45,582		
K1TB	87,859	KB1DFB	41,760		
K8GUN	80,357	WN8R	36,192		
W2MMD (N		W1QK	31,565		
	60,528	W3HZU	29,768		
WB2SIH	49.551	KG9BV	25,728		
K3EGE	48.868	Rasby	23,720		
K9MU	47.806	Multionera	Multioperator		
Romo	47,000	K3EAR	804,357		
Single Ope	rator	N3NGE	504,597		
High Powe		W2FU	368.373		
K1TEO	429.840	N2PA	245,632		
K1RZ	293,607	K5QE	187,210		
K3TUF	249,318	K8EB	155,354		
WA3NUF	174,240	K3EOD	102,580		
W3SZ	172.840	WA3ZKB	71,796		
K1JT	168,063	KW1AM	58,800		
K3DNE	140,956	K4LTX	50,350		
WA3DRC	105,462		,		
K8TQK	102,466	Rover			
WZ1V	97,440	W6XD (+N6	W6XD (+N6NB)		
		- (	1,180,674		
QRP Portal	ole	K6VCR (+K	K6VCR (+KG6TOA)		
KA1LMR	45,504	,	1,096,647		
K6MI	36,427	N6MU	1,070,700		
W9SZ	4,875	N3IQ	334,645		
KI7JA	3,040	N6TEB (+K	E6HPZ)		
W6DWI	2,106		264,972		
WB2AMU	1,577	N6DN	232,170		
N8XA	1,156	K1DS	134,394		
KG6TGI	736	N1XKT	82,089		
KQ6EE	728	W3ZZ (+K8	W3ZZ (+K8ISK)		
KØNR	544		78,960		
		N3FTI	68,839		

#### Affiliated Club Competition

Affiliated Club Competition					
	Score	Entries			
Unlimited Category					
Mt Airy VHF Radio Club	2,564,104	56			
,					
Medium Category					
South Mountain Contest Club	1,146,265	3			
Potomac Valley Radio Club	1,057,447	31			
North East Weak Signal Group	954,261	19			
Rochester VHF Group	775,651	24			
Downey ARC	274,365	3			
Society of Midwest Contesters	247,853	10			
Contest Club Ontario	223,984	15			
Badger Contesters	208,348	19			
Michigan VHF-UHF Society	203,697	8			
Western States Weak Signal	182,577	16 26			
Northern Lights Radio Society	178,616	20			
Pacific Northwest VHF Society	156,060 147,786	22			
Yankee Clipper Contest Club Murgas ARC	123,180	3			
Chippewa Valley VHF Contesters		12			
Northern California Contest	62,122	11			
Mad River Radio Club	53,149	4			
Six Meter Club of Chicago	29,865	11			
Tennessee Contest Group	22,911	7			
Florida Contest Group	22,678	3			
Carolina DX Assn	20,592	3			
Bergen ARA	18,856	5			
West Park Radiops	4,832	3			
Bears of Manchester	3,513	4			
Mobile Sixers Radio Club	2,608	4			
Minnesota Wireless Assn	341	3			
Local Category	100 501	10			
North Texas Microwave Society	163,531	10			
Roadrunners Microwave Group	148,212	5			
Eastern Panhandle ARC Delaware Valley VHF Society	131,475 60,029	5 5			
Eastern Connecticut ARA	44,201	3			
Peconic Amateur Radio Club	13,703	3			
Dauberville DX Assn	11,689	3			
Medina 2 Meter Group	9,693	4			
Raritan Bay Radio Amateurs	7,779	6			
10-70 Repeater Assn	3,920	7			
Meriden ARC	3,742	3			
Ventura County Amateur Radio	2,320	3			
East Coast DX Assn	898	3			

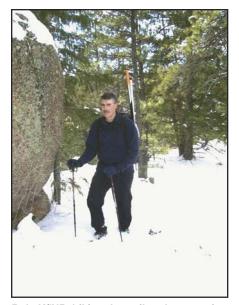
istent. AK4FL, for instance, indicated "no propagation...brute force only." K2SZ said "very flat band conditions and not much activity heard at the Jersey shore." In Texas, Ron, K5LLL, noted that "conditions were worse than I have ever seen for a January contest." KC4PX noted "worst propagation I have ever seen." There were some good moments during the weekend as noted by K1RZ, "Lots of activity around the region...very warm weather, but no unusual conditions until Sunday night on microwaves with several rain scatter QSOs." Propagation conditions summed up by Fred, WO2P, echoed the opinions of the great majority of Soapbox entries: "Beautiful weather; conditions were terrible on Saturday and only fair on Sunday. Activity/participation was generally down."

#### The National Scene

Scores in the North Central and Northeast regions were up significantly from last year because of the great improvement in weather conditions. Scores from the remainder of the country were up generally and helped substantially by rover participation.

# **Single Operator**

Bob, K2DRH, operating from EN41 in Illinois, took the top spot in the SOLP competition for the sixth straight year. Bob's 174k score is up by 36% from his winning 2005 score. The greatly improved weather conditions this year certainly contributed not



Bob, KØNR, hiking the trail to the summit of Mt Herman (DM79mb) for a Single-Op portable effort.

only to Bob's score improvement, but acted to boost most scores. Second place in SOLP goes to Paul, WA3GFZ, operating from PA with 106k points, up 47% from his second place score last year. Fred, N1DPM, took the third spot this year with 106k points operating from Massachusetts, while Dale, AF1T, operating from New Hampshire took fourth place with 91k. Not far behind Dale was fifth place winner Ed, K1TR, with 87k points, also operating from New Hampshire.

In the SOHP category, Jeff, K1TEO, continues at the top position with 429k points, up 21% from his 2005 score. Jeff has now taken the top SOHP spot nine years in a row from his outstanding location in western Connecticut. Second place in SOHP was again taken by Dave, K1RZ, operating from FM19 in Maryland. Dave's 293k score is up a whopping 58% from his finish last year. Third place in the SOHP category goes to Phil, K3TUF, with 249k points. Phil managed to move up from his fourth place finish last year in this highly competitive category by more than doubling his score. Fourth place goes to Phil, WA3NUF, with 174k points, followed by Roger, W3SZ, in fifth place with 172k points.

In the QRP portable category, Chris, KA1LMR, took the top spot with 45,504 points from New Hampshire. He was followed closely by John, K6MI, with 36,427 points to take the second spot. W9SZ, KI7JA and W6DWI round out the top five QRP portable entrants.

#### Multioperator

The top Multi-multi spot goes to the South Mountain Contest Club station, K3EAR, with 804k points. Running 12 bands, K3EAR outdistanced their nearest competi-



Since he lives in an antenna-restricted area of town, Ron, KL1PL, operated as a mobile from a hill above Anchorage — that's devotion for mid-winter in KL7-land.

tor, N3NGE, by 300k points. The Packrats station, N3NGE, turned in a 504k effort for second place Multiop station. Third place Multiop station W2FU, from the Rochester, New York area turned in a 368k point effort. Jeff's team beat their first place Multiop score from last year, but it wasn't enough to outdistance the two Multiop leaders this time around. N2PA took fourth place with 245k points, while K5QE in Texas took fifth place with 187k.

The limited Multioperator category winner is the Wopsononock Mountaintop Operators, W3SO, in western Pennsylvania with 276k points. This group was on the air for the full contest period except for the last hour when they were forced to leave their mountaintop location because of freezing rain. Second place limited multi goes to K3YTL with 98k points. K2AXX took third place with 71k points, while N8ZM took the fourth spot with 49k and W9RVG took fifth with 45k.

#### Rover

The team of Art, W6XD, and Wayne, N6NB, took the top spot in the Rover competition with a score of 1,180,674 points. Second place went to the team of K6VCR and KG6TOA with 1,096,647 points, with third place going to N6MU with 1,070,700 points. Fourth place went to N3IQ with 334k points with fifth place awarded to the team of N6TEB and KE6HPZ at 264k points. Art, W6XD, comments: "Contesting while mobile in motion crossing grid boundaries is an interesting and fun challenge. A highlight was having six 10-band rovers together at the Mojave convergence at one time. There was a lot of commotion on the microwave bands as we all worked each other - and everyone else available."

#### **Regional Scores**

Table lists call signs, score and class (A = Single Op Low, B = Single Op High, Q = Single Op Portable, L = Limited Multi, M = Multi Multi, R = Rover).

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)
WA3GFZ 106,470 A   N1DPM 106,268 A   AF1T 91,001 A   K1TR 87,859 A   W2MMD (N2NRD, op) 60,528 A	K8GUN 80,357 #   W4SHG 45,045 #   W0AH 25,272 #   W3IP 19,000 #   K4FJW 13,452 #	A K9MU 47,806 A A N9DG 43,279 A A K4TO 41,418 A	NØKP 42,032 A   NØVZJ 24,375 A   WB5ZDP 15,336 A   NMSM 12,578 A   W6ZI 8,370 A	KC6ZWT 21,816 A   W7GLF 12,628 A   KG6DHQ 9,331 A   NU6S 6,300 A   KN6VR 6,142 A
K1TEO 429,840 E   K1RZ 293,607 E   K3TUF 249,318 E   WA3NUF 174,240 E   W3SZ 172,840 E	W4ZRZ 68,320 E K4XR 51,181 E	B K8TQK 102,466 B   3 VE3AX 91,959 B   4 K8MD 77,694 B   5 K8MD 77,694 B   8 WA8RJF 56,880 B   3 KB8U 56,826 B	K9MK 49,113 B   W5LUA 33,361 B   W3XO 28,645 B   K5VH 27,132 B   K5LLL 25,670 B	KG6IYN 39,760 B   N7EPD 30,743 B   K6TSK 19,380 B   K7YO 19,195 B   WA6KLK 14,280 B
KA1LMR 45,504 C   WB2AMU 1,577 C   N3TEP 160 C   KC2JRQ 108 C   N1ZGY 45 C	KZ1AMY 1 C	Q W9SZ 4,875 Q N8XA 1,156 Q KC9FVW 15 Q	KØNR 544 Q NUØC 36 Q	K6MI 36,427 Q   KI7JA 3,040 Q   W6DWI 2,106 Q   KG6TGI 736 Q   KQ6EE 728 Q
W3SO 276,210 I   K3YTL 98,084 I K2AXX 71,412 I   KB1DFB 41,760 I W1QK 31,565 I	KG4LEV 14,535 L   N4DXY 8,344 L   K4NGA 7,854 L   N4ARR 2,886 L   KØXXX 1,470 L	- W9RVG 45,582 L - WN8R 36,192 L - KG9BV 25,728 L	K5ETX 3,795 L   W0ETV 1,595 L   N0UNL 1,098 L   N1SZ 4 L	W6SN 8,439 L   K6UC1 6,375 L   K7XC 2,697 L   VE7HPS 217 L
K3EAR 804,357 N   N3NGE 504,597 N   W2FU 368,373 N   N2PA 245,632 N   K3EOD 102,580 N	K4LTX 50,350 M AG4V 21,988 M N4JQQ 11,960 M	1 N8KOL 44,304 M	K5QE 187,210 M KB0HH 25,192 M W5LCC 3,132 M	N6KN 26,509 M   W6YX 7,260 M   KG6ONE 3,600 M   KQ6NO 1,984 M
N3IQ 334,645 F   K1DS 134,394 F   N1XKT 82,089 F   W3ZZ (+K8ISK) 78,960 F   N3FTI 68,839 F	AF4OD 44,840 F N4FLM 22,320 F W4TXS 14,357 F K4AL 8,477 F WC4J 5,481 F	WB8BZK 19,796 R   K9JK 10,582 R   VE3VZ 7,163 R	N5AC (+W5TX) 45,804 R   WDØACD (+K5FOG) 34,293 R   ND2X (+NX1N) 32,472 R   KD5SHM 26,334 R   W5TV (+AE5P) 22,100 R	W6XD (+N6NB) 1,180,674 R   K6VCR (+KG6TOA) 1,096,647 R   N6MU 1,070,700 R   N6TEB (+KE6HPZ) 264,972 R   N6DN 232,170 R

#### **Regional Highlights**

Weather was not generally an issue this year as it has been in past years, notably 2005 when the north central and northeastern states and most of southeastern Canada were blanketed with heavy snowfall. Scores are higher this year than last for the most part, except for the three Rover records set last year by N6NB, N6ZZ and N6MU. Detailed ARRL Division scores can be found on the Web report at **www. arrl.org/contests/results**.

#### Northeast

Participation was definitely up in the Northeast this year compared to last year. The weather conditions were generally excellent, which encouraged rover activity. In addition to the top scores already mentioned, Jim, N2NRD, operating W2MMD took the seventh position, followed by Bill, WB2SIH, and Bill, K3EGE, at the eighth and ninth positions nationally in the SOLP category. High Power participants Joe, K1JT; Ed, K3DNE;Ed, WA3DRC, and Ron, WZ1V, took the sixth, seventh, eighth and tenth positions nationally.

In the Limited Multioperator section, the top three stations are in the Northeast region. Kim, KB1DFB, took the sixth spot with 41k points. Dan, W1QK, and W3HZU, the Keystone VHF Club from Pennsylvania, took the eighth and ninth positions with 31k and 29k points, respectively. Multioperator entrants K3EOD, WA3ZKR and KW1AM took the seventh, eighth and ninth positions nationally. While four of the top five national Rover scores were all produced in California, the seventh through tenth positions were produced by stations in Pennsylvania and Maryland: K1DS, Richard in the seventh spot with 134k; Leon, N1XKT, from PA in the eighth position with 82k; W3ZZ in Maryland operating with Terrence, K8ISK, with 78k in ninth position, and Steven, N3FTI, from Pennsylvania in tenth position with 68k points.

## Southeast

Almost doubling his score from last year, SOLP leader Dan, K8GUN, tops the list with 80k points from his 6-band effort in FM09. Second place goes to Steve, W4SHG, with 45k from seven bands. Rounding out the top five SOLP scores are WØAH with 25k, W3IP with 19k and K4FJW with 13k points. The top five SOHP scores cover a relatively narrow scoring range beginning with Howard, K4QI, at the top with 78k points from his five-band effort. Following closely behind is Charles, W4WA, at 77k; Jim, W4ZRZ at 68k; Zolie, K4XR, at 51k, and Ken, KE2N, at 45k. The Limited Multioperator category was led by KG4LEV with 14k points, while the top Multioperator station was K4LTX at 50k. The top five Rover entries included Bill, AF4OD, at 44k; Charles, N4FLM, at 22k; David, W4TXS, at 14k, and finishing with Mike, K4AL, 8k, and Jack, WC4J, 5k.

#### Central

Once again, Bob, K2DRH, topped the Low-Power list nationally with 174k points from his centrally located Illinois QTH. Rounding out the top five Low-Power Central region entries are Justin, K9MU at 47k; Duane, N9DG, 43k; John, K4TO, 41k, and David, WA1MKE, 26k. The top High-Power score was made by Glenn, K8TQK, with 102k points, followed by Peter, VE3AX, at 91k; Mark, K8MD, with 77k; Anthony, WA8RJF, with 56k, and Russ, KB8U, at 56k. The top Limited Multi effort was turned in by N8ZM with 49k, followed by W9RVG at 45k points. The top Multiop score was produced by the K8EB team with 155k points, followed by N8KOL at 44k. Because of favorable weather, Rover activity was substantially better this year than last. Russ, VE3OIL, took the top spot with 34k, followed by Mike, WB8BZK, at 19k and John, K9JK, at 10k.

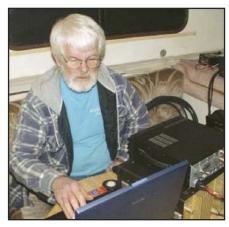
## Midwest

Repeating his first place, Low-Power position is Dave, NØXP, with 42k points, his third first place win in a row. Vince, NØVZJ, placed second with 24k points, followed by WB5ZDP at 15k, NM5M with 12k and W6ZI at 8k. In the High-Power category, Mike, K9MK, took the top spot with a 49k score, followed by Al, W5LUA, at 33k, Bill, W3XO, with 28k, Tom, K5VH, 27k and Ron, K5LLL, at 25k. The top LM score was posted by John, K5ETX, with 3.7k points. K5QE led the Multiop category with a 187k point effort followed by KBØHH at 25k. Rover activity was substantial with N5AC leading the pack at 45k points, followed by WDØACD at 34k and ND2X at 32k.

# West Coast

The top SOLP score this year was turned in by last year's second place winner,

<b>Division Le</b>	aders	
Single Operato	r Low Power	
Atlantic	WA3GFZ	106,470
Central	K2DRH	174,894
Dakota	NØKP	42,032
Delta	KD4HIK	11,895
Great Lakes	K4TO	41,418
Hudson	WB2SIH	49,551
Midwest	NØLL	6,820
New England	N1DPM	106,268
Northwestern Pacific	W7GLF KC6ZWT	12,628 21,816
Roanoke	K8GUN	80,357
Rocky Mountain	WVØH	4,836
Southeastern	W4LIA	9,802
Southwestern	KG6DHQ	9,331
West Gulf	WB5ZDP	15,336
Canada	VA3KA	15,840
Single Operato	r High Power	
Atlantic	K1RZ	293,607
Central	K9EA	55,836
Dakota	WØGHZ	19,432 3,784
Delta	K5WBX	3,784
Great Lakes	K8TQK	102,466
Hudson Midwest	N2GHR KMØT	43,344 5,265
New England	K1TEO	429,840
Northwestern	N7EPD	30,743
Pacific	WA6KLK	14,280
Roanoke	K4QI	78,657
Southeastern	W4WA	77,965
Southwestern	KG6IYN	39,760
West Gulf	K9MK	49,113
Canada	VE3AX	91,959
Limited Multiop		
Atlantic	W3SO	276,210
Central	W9RVG	45,582
Delta Great Lakes	KØXXX N8ZM	1,470
Hudson	K2BAR	49,206 16,698
Midwest	WØETV	1,595
New England	KB1DFB	41,760
Pacific	W6SN	8,439
Roanoke	KG4LEV	14,535
Rocky Mountain	N1SZ	4
Southeastern	N4DXY	8,344
Southwestern	K6UCI	6,375 3,795
West Gulf	K5ETX	3,795
Canada	VE2DC	1,952
Multi-multi	KOEAD	004.057
Atlantic	K3EAR	804,357
Central Delta	N2BJ AG4V	27,141
Great Lakes	K8EB	21,988 155,354
Hudson	N2GCZ	16,170
New England	KW1AM	58,800
Pacific	W6YX	7,260
Roanoke	K4LTX	50,350
Southwestern	N6KN	26,509
West Gulf	K5QE	187,210
Single Operato		
Atlantic	N3TEP	160
Central	W9SZ	4,875
Great Lakes	N8XA WB2AMU	1,156
Hudson Midwest	NUØC	1,577 36
New England	KA1LMR	45,504
Northwestern	KI7JA	3,040
Pacific	K6MI	36,427
Roanoke	KZ1AMY	1
Rocky Mountain	KØNR	544
Southwestern	W6DWI	2,106
Canada	VE7VIE	18
Rover		
Atlantic	N3IQ	334,645
Central	WB8BZK	19,796
Dakota	KCØIYT	10,080
Delta	N4FLM	22,320
Hudson New England	KJ1K W1AUV	2,162 13,630
Northwestern	K3UHF	43,152
Pacific	W6XD (+N6NB)	1,180,674
Roanoke	W4TXS	14,357
Southeastern	AF4OD	44,840
Southwestern	N6TEB (+KE6HPZ)	264,972
West Gulf	N5AC (+W5TX)	45,804



The Western Piedmont Amateur Radio Club (Morganton, North Carolina) and the Marion (NC) Amateur Radio Association joined forces to enter as KG4LEV from Walker Top Mountain.

Norman, KC6ZWT, with 21k points. Ed, W7GLF, from Washington placed second with 12k, followed by Robert, KG6DHQ, with 9k. Bruce, KG6IYN, was the top SOHP winner with 39k, followed by Eric, N7EPD, at 30k; Ralph, K6TSK, with 19.3k, and Jim, K7YO, at 19.1k. In the QRP category, John, K6MI, with 36k points was the second highest scorer nationally. The Limited Multioperator category was won by W6SN with 8.4k points. N6KN led the Multiop category with 26k. The Rover category, once again, is where the scoring action is at its peak with two teams plus one single operator posting very large, nearly equal scores. The top score producing team was Art, W6XD, and Wayne, N6NB, with 1.180 million points followed closely by the second highest score producing team of Tom, K6VCR, and Bob, KG6TOA, with 1.096 million points. The third team was single operator John, N6MU, with 1.070 million points. Fourth and fifth place finishers were N6TEB (plus KE6HPZ) with 264k and N6DN with 232k.

# Affiliated Club Competition

As the only club that consistently fields over 50 member entries for the January VHF SS competition, the Mount Airy VHF Radio Club produced the highest score, exceeding 2.5 million points from 56 members in the Unlimited category. This score is more than twice the score they posted last year, the year of the huge snowstorm in the central and northeastern parts of the country; however, their total score in 2004 from 56 members exceeded 2.8 million points, so 2006 was not their best year!

In the medium category, the South Mountain Contest Club took the top spot in the local club category with 1.146 million points produced by only 3 entries. The Potomac Valley Radio Club took the next spot with a score of 1.05 million points from 31 members, up from the number 3 position last year. Third place was taken once again by the Northeast Weak Signal Group with a score of 954k from 19 members. The Rochester VHF Group fell to fourth position this year with a score of 775k from 24 members, down from their 40 member, first place position last year. Fifth place in the medium category goes to the Downey ARC with 274k points from only three members.

First place in the local category went to the North Texas Microwave Society with 163k points from 10 members, while second place went to the Roadrunners Microwave Group with 148k points from 5 members. The Eastern Panhandle ARC topped the 100k mark to take third place in the category.

# **Clubs are Critical to Success**

A total of 40 clubs reported scores this year compared to only 30 clubs last year. The improved weather conditions across most of North America certainly played a role in the increased activity level. Club activity is critical to building interest in VHF/UHF/Microwave radio activities. It is primarily through contacts with club members that enthusiasm and technical expertise is promoted and improved so that higher competitive score performance can be achieved. If you are not presently a member of your local VHF/UHF oriented radio club, visit the club and become a member. Another excellent activity that helps to promote interest and build technical expertise in the VHF/UHF/ Microwave world is the various club sponsored meetings and hamfests that occur throughout the year. These events provide excellent forums for gaining technical expertise and learning about new technologies and techniques for building and operating high frequency radio equipment. 05<del>1</del>~

# Strays

# ECHOLINK RESOURCE

♦ A Web page, at **www.wx1der.com/elk.htm**, gives a quick overview of EchoLink, what's required to use it, a guide to checking into the nets, what's required for a net to be listed on the page, a note about third party traffic agreements and the Echolink nets by day of the week. — *Daryl Stout*, *N5VLZ* 

#### I would like to get in touch with...

♦ those who studied Amateur Radio with Ted Ryan, WB6JXY, who became a Silent Key in December. As a teacher at John Burroughs junior high school, the Red Cross and San Fernando Valley ARC in Los Angeles, he licensed thousands of hams from the 1960s into the '90s. If you studied with Ted, please visit **www.** webspawner.com/users/tedryan/index.html. — *Cliff Cheng, KI6CM* 

VE3OIL

34,272

Canada