

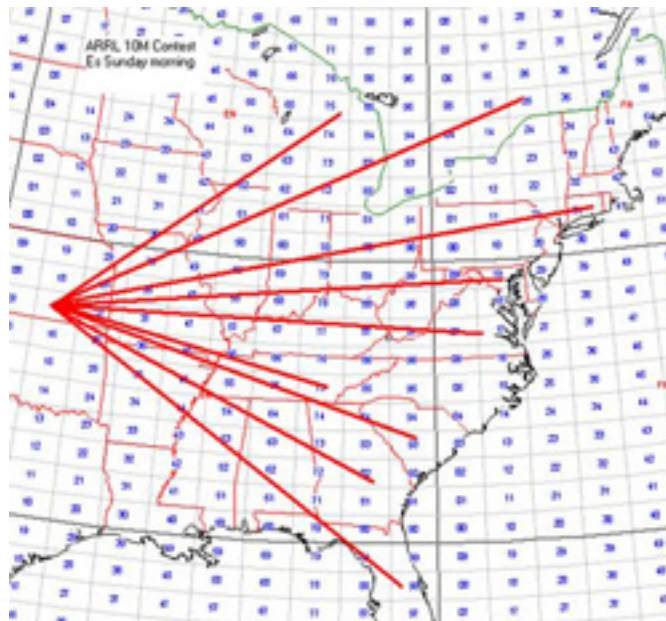
2008 ARRL 10 Meter Contest Results

Ken Harker, WM5R

wm5r@arrl.net



How's this for a "skyhook"? David, VK2CZ, operated as VK8AA in Australia's Northern Territories with this monster beam. The antenna was 85 feet long and it was 140 feet in the air, thanks to the crane. (Photo VK2CZ)



A good Sporadic-E opening on Sunday produced many QSOs throughout the Midwest and East Coast. (Map by Jon NØJK)

Is it Solar Cycle 24 yet? Solar scientists first observed a sunspot that fits the criteria for the new solar cycle back on January 4, 2008. More recently, solar scientists have announced that the solar minimum has been deeper and longer than average, with almost no sunspot activity in the past year. Whether it is, or it is not, a new solar cycle, when the dates for a radio contest come around you know that amateur radio operators

will show up. Whether the conditions are good or bad, they are what they are, and it's always a new adventure and every contest is a fresh start. On December 13-14, 2008, it was time to play the game that is radiosport. 1,885 amateur radio stations took their chances on propagation on the 10 meter band, eager for contacts around the globe.

You don't need to be an expert on solar physics to make contacts on the HF radio bands, but learning more about the sun and how it interacts with the earth and our ionosphere can be rewarding. A good place to start is looking at solar flux data. This data, along with some other data on the sun, is broadcast on WWV and can be downloaded from the Internet at the web site of the National Geophysical Data Center (www.ngdc.noaa.gov). Solar flux is a measurement of the intensity of solar radiation at a wavelength of 10.7 centimeters (2.8 GHz), and historically the measurements have been taken with a radio telescope in Ottawa, the capital city of Canada. The higher the solar flux number, the higher the level of radio emissions from the sun, the more ionization in the earth's ionosphere, and the higher the maximum usable frequency.

Solar flux numbers generally range from 60 up to 200 or higher. Being at solar minimum, it should not be surprising that the 2008 ARRL 10 Meter Contest was the first during this solar minimum to occur on days with solar flux below 70. In fact, no day in the entire month of December, 2008 saw a solar flux number at or above 70. This is significantly lower than the 2007 contest, which happened to coincide with a bump up in solar flux into the mid-80s. The solar flux daily averages were 67.5 for December 13 and 66.6 for December 14. The lowest daily average so far for this solar minimum was a 65.2 measured on November 28, 2008, a little over two weeks before the contest.

Despite poor conditions on the higher frequency HF bands, radio contesting continues to grow in popularity and activity. Other contests leading up to and immediately following the ARRL 10 Meter Contest saw significant increases in log submissions. The CQ World Wide DX Contest received over 10,000 log entries from the CW and SSB contests for the first time. (12,000 including the CQ WW RTTY Contest!) Log submissions in the ARRL November Sweepstakes were at five-year highs in 2008, and the ARRL RTTY Roundup continues to see a record number of log submissions year after year. One could understand, however, if the ARRL 10 Meter Contest didn't follow suit. After all, the band is a lot more challenging at solar minimum. But testers must love a challenge now and then. Activity in the contest improved in 2008. A total of 1,885 logs were entered in the 2008 ARRL 10 Meter Contest, an increase of 299 logs, or 19%, from 2007.

Where did those extra logs come from? 164 of those additional 299 logs were from stations in the United States and Canada. 1,356 W/VE logs is the highest number of contest entries from W/VE since 2003. The number of Canadian log submissions rose 35% from last year, with contest entries from all provinces (but no log submissions from VYØ, VY1, or VE8). Activity was higher in every ARRL Division except for the Delta and Rocky Mountain Divisions. Entries from DX stations were up by 144 logs, including 112 more European entries than last year. The number of logs from Asia rebounded a bit (14 more than 2007) while entries from other parts of the globe remained similar to last year's totals. The increase in log submissions means that this is likely to be the first solar cycle minimum in which the overall number of logs submitted in the ARRL 10 Meter Contest stays above 1,000.

The three Single-Operator Low-Power categories remain the most popular, accounting for a little over half of all log submissions. The most popular of all the categories for DX stations is the Single-Operator CW-Only Low-Power category. For W/VE stations, the Single-Operator Mixed-Mode Low-Power category was the most popular. The number of Multi-Operator entries was up quite a bit this year for both W/VE (15% more logs) and DX stations (62% more logs). As we start to head toward solar the next maximum, some of these trends will possibly change. At the peak of Solar Cycle 23, the Phone-Only categories were more popular than they have been during the current solar minimum.

Records

Perhaps not surprisingly, there were no world, continental, or overall W/VE records set in the 2008 ARRL 10 Meter Contest. What might surprise some to learn, though, is that this is the first year during the current solar minimum in which none of those records have been broken.

18 new DXCC entity records were set in 2008, scattered in all parts of the globe except South America. Two new records were set in Africa, five in Asia, five in Europe, five in North America, and one in Oceania. Three of the new DXCC entity records were set in Honduras! Antonio, HR2DX set a previously-unclaimed record in the Single-Operator Phone-Only QRP category, operating from his station in El Progreso. Raymond, WQ7R operating as HR9/WQ7R set the new record for the Single-Operator, CW-Only Low-Power category, and the team at HQ2GL set a new mark in the Multi-Operator category.

There were no new W/VE Division records set in 2008. There were, however, four new W/VE section records set, all in Single-Operator QRP categories. Three of the W/VE section records were set in the Single-Operator Mixed-Mode QRP category: Manuel, W2MF in Northern New Jersey (44,574 points) nearly doubled the section record score he set in 2007, Christopher, KU4A in Kentucky (3,944 points) also improved on a record he set last year, and James, AD5YU set the new section record in Arkansas (4,200 points). James KØHW in South Dakota set a new section record in the Single-Operator Phone-Only QRP category (5,150 points). 29 section records remain unclaimed, primarily in the QRP categories. 14 of those unclaimed records are for Canadian sections. The Yukon/Northwest Territories still has four unclaimed section records, while Newfoundland/Labrador and Manitoba each have three unclaimed records.

DX Categories

Most of the increase in DX participation in the ARRL 10 Meter contest in 2008 came from European stations, and Europe now accounts for over half of all the DX logs entered in the contest. Were conditions in Europe better this year? Or did the contest benefit from the general increase of interest in HF radiosport? It seems that the latter is the more likely explanation. Contesting is seeing a burst of new interest and even the 10 Meter Contest seems to be benefitting. Five new DXCC entity records were set in 2008 in Europe, but all were newly claimed records and all were based on entries that made fewer than 50 contacts.

The five new records set in Asia were split between west Asia and east Asia. In west Asia, Brian, 5B4AIZ operating with the call sign C4Z, set a new Cyprus record in the Single-Operator Mixed Mode Low-Power category, and Hamad, 9K2HN set a new Kuwait record score in the Single-Operator CW-Only High-Power category. Three new records were set in southeast Asia and China. Lee, 9W2DRL of Penang set a new West Malaysia record score in the Single-Operator, Phone-Only Low-Power category. K C, 9V1UV, operating with DX spotting network assistance, set a new Multi-Operator record score for Singapore. Eric BD4CZX, operating from Shanghai, set a new Chinese record in the Single-Operator Phone-Only High-Power category.

The only area of the DX world without an increase in log submissions was South America. There were three fewer log submissions from South America in 2008 than in 2007, and South America was the only continent with no new DXCC entity record scores. While the totals are down from last year, the number of logs from South America was still the third-highest ever, and many of the top scores in the contest come from South America. With north-south propagation paths to multiplier-rich North America and western Europe, stations in Argentina, Brazil, Chile, and Uruguay can do well in the overall standings.

Single-Operator Mixed-Mode

A familiar contest call sign to many, Vitor, PY2NY took the overall DX victory in the Single-Operator Mixed-Mode QRP category. Operating from Jaboticabal, near Sao Paulo, Vitor was the only DX entrant in the category to make more than 100 contacts: "Much better luck than last year, with I, F, OK, S5, EA and DL stations in the log." Second place went to Dusan, YT2RX, operating from Serbia. Bobrov, RW3AI

took third place with 43 contacts from Moscow, Russia. The top entry was Asia was Yoshirou, JH7RTQ of Fukushima City, who barely out-scored two countrymen for fifth place overall.

In the Single-Operator Mixed-Mode Low-Power category, Alejandro LU5WW, operating from the club station of the Radio Club Puerto Madryn, LU6WG, took the victory this year from Argentina with 411 contacts and 98 multipliers. Two Brazilian stations had a very close competition for second and third places worldwide. Second place went to Alex, PY2SEX (70,560 points), operating from Campinas, near Sao Paulo. Alex notes, "The propagation was bad, but a good opening on Saturday and Sunday afternoon made the contest great!" Also located in Sao Paulo state, Alan Laure, PY2LSM was just behind (68,880 points) for third place. Alan actually had about 60 more QSOs than Alex, and an equal number of multipliers. The top European score was from Zeky, 9A5ST (9,636 points), operating from Croatia, for an eighth-place overall finish.

Worldwide victory in the Single-Operator Mixed-Mode High-Power category went to a station from central Europe this year. Manfred, DK2OY of Gelting, Germany, edged out his South American competition with 253 QSOs and 58 multipliers. A close second place went to Pedro, CE3BFZ (45,430 points) from Santiago, Chile. Third place went to Paul, PY3DX (43,032 points) with 216 QSOs and 66 multipliers from Puerto Alegre, Brazil. No stations outside the top three worked more than 50 multipliers. Last year's category winner, Vidi, ZS1EL came in tenth place this year, the best finish in the 2008 contest for any station from southern Africa.

Single-Operator Phone-Only

Fourteen stations outside the United States and Canada entered the Single-Operator Phone-Only QRP category in 2008. The winner this year was Francisco, TG9ANF of Guatemala City, the only entrant in the category with over 100 QSOs. Second and third places went to stations in South America. Sebastian, LW3DC, operating with the contest call sign LV6D, made just under 100 QSOs to come in second place. Sebastian operated from Bunin, near Buenos Aires. Antonio, PY2BN took third place with just 36 QSOs to 13 multipliers from Americana, Brazil. Maxime, F4FEY was the top European score, in fourth place overall, with 27 contacts from Nantes, France.

Eight of the top ten scores in the Single-Operator Phone-Only Low-Power category came from South America, and the other two were stations in the Caribbean. Winning the category this year was Tino, HI3CCP who finished the contest with 1,107 QSOs in 54 multipliers from Santiago in the Dominican Republic. Second place went to Victor, LU3HS operating with the contest call sign LQ5H from Cordoba, Argentina. Victor worked more multipliers (61) than Tino, but fewer than one-third as many contacts. A very close third place finish went to Jorge, LU5VV operating with contest call sign LV5V from Bariloche, Argentina. Jorge's score of 24,840 points just edged out fourth place finisher Jody, VP5JM (24,816 points), a difference of a fraction of a percentage point overall. Jody had over 130 more QSOs, but 11 fewer multipliers, than Jorge, and was the best finish of any female Single-Operator competitor this year.

In the Single-Operator Phone-Only High-Power category, overall QSO totals were slightly up from the top totals in 2007. This year, the victory went to Roberto, LU2FA (70,980 points), operating with contest call sign LR2F from Rosario, Argentina. He made 551 contacts, 111 more than last year's category winner. The competition for second and third place was close this year. Kay, K6KO, using her Aruban call sign P4ØK (45,632 points), came out in second place. Kay was a guest operator at the contest station of Andy AE6Y/P49Y and John W6LD/P4ØL. Dan, LU4DJB took third place with 45,384 points, operating with the contest call sign LS2D from Buenos Aires, Argentina. David, VK2CZ, operating with the call sign VK8AA from the city of Darwin in Australia's Northern Territories, had one of the best results for Oceania, finishing eighth overall with 11,662 points. Dave's portable operation used on a crane to lift a nine-element Yagi with a 26 meter (85') long boom up about 43 meters (140') above ground!

Single-Operator CW-Only

Dominated by Japanese stations in recent years, the top score in the Single-Operator CW-Only QRP category mostly went to European stations in 2008. Eight of the top ten scores in the category came from

Europe, including three from Romania. Overall DX victory in the category, however, went to Walter, LW3EX, the only station in the category to make over 50 QSOs. Located in Buenos Aires, Argentina, Walter is also a serious 6 meter enthusiast. Janko, S59D took second place in the category, the best showing by a Slovenian station in the contest. Cristian, YO4XT came in third place with 27 contacts from Braila, Romania.

Only one DX station in the Single-Operator CW-Only Low-Power category made over 100,000 points this year. First place went to Geoff, WØCG/PJ2DX, who operated at the Caribbean Contesting Consortium's contest station PJ2T on the island of Curacao in the Netherlands Antilles: "Other than a magnificent U.S. opening in the 1500 UTC hour on Saturday, this was all pain." Second place went to Soni, PY1NX (59,944 points), operating from Rio De Janeiro, Brazil. Mario, LU8DPM, using his contest call sign LW1E, took third place in 2008 with 44,440 points. Marco, XE2S came in fifth, the best result from a Mexican station in the 2008 contest. The top European score was from Marin, 9A5MT (12,992 points) who used a seven-element quad antenna on his way to an eighth-place finish from Croatia.

Juan, LU1HF set the mark in 2008 with the highest score of any DX Single-Operator effort. Operating from San Francisco, Argentina, Juan made 978 QSOs to an amazing 89 multipliers for a total score of 343,184 points. Second place went to Wal, PY2WC (98,112 points) operating from Aruja in Sao Paulo state in Brazil. "I love this contest!" Wal wrote after the event. Operating from Oranjestad, Aruba, Joop, P43JB came in third place (82,468 points). Joop made just shy of 400 contacts. Spots four through ten were all taken by European stations in 2008. The top European score in the category came from Slovenian operator Slavko, S57DX (44,772 points). Slavko only heard one U.S. station during the contest: Dave, K1ZZ in Connecticut.

Multi-operator Single-Transmitter

In the DX Multi-operator category, eight of the top ten scores came from stations in South America. Winning the contest in 2008 was the four-person CW5W team in Cerro Largo, Uruguay. Operating from the station of Jorge, CX6VM and using his contest call sign, the team made 406,000 points, over 100,000 more points than the category winner last year. Second place went to a nearby station in Lagomar, Uruguay. Together with Gustavo, CX7AT, station owner Pedro CX5BW scored 246,840 points, slightly lower than the two-man team's point total last year. After winning the category in 2006, this is the second consecutive second-place finish for the CX5BW team. Third place went to the two person team at LS1D. Tim, LW9EOC and Daniel, LU3CT operated from the Buenos Aires area to make a total of 218,790 points.

W/VE Categories

Just two days before the start of the ARRL 10 Meter Contest, a major ice storm struck northern New England and portions of northeastern New York State. On Wednesday, December 11, 2008, the worst winter storm in a decade disrupted power for millions. A heavy layer of ice coated roads, buildings, and trees. The storm was so severe that a week afterward, nearly 100,000 people were still without power. Many contesters in W1 and W2 watched helplessly as antennas and even towers succumbed to the ice. Many, of course, would not operate the ARRL 10 Meter Contest this year, as their stations were without power, antennas, or both. Matt, KC1XX in New Hampshire reported ice up to 1.5 inches thick, causing severe damage to his antennas and keeping his station off the air. Dave, K1TTT in Massachusetts had 1" radial ice on his antennas, and high winds following the ice tore antennas apart and kept him off the air as well. Despite this major disaster, activity from the New England Division actually increased, from 91 logs in 2007 to 100 logs in 2008. Activity in the Hudson Division increased from 59 to 64 logs.

In 2007, no Canadian stations made it into any of the Top Ten W/VE score boxes. In 2008, Doug, VA3DF came in fifth place in the Single-Operator, Mixed-Mode QRP category, the only Canadian with a Top Ten score. F-layer propagation is very difficult to take advantage of at the northern Canadian latitudes during solar minimum, and there was no significant sporadic-E propagation in Canada this year. The top overall score from Canada was made by Gilles, VE2TZZ of Ile-Bizard, Quebec, who scored 91,530 points in the Single-Operator Mixed-Mode High-Power category. Gilles worked 350 QSOs and 81 multipliers, and this is the second year in a row that he has had the largest score in Canada.

Single-Operator Mixed-Mode

David, KR4OW had the winning W/VE score in the Single-Operator Mixed-Mode QRP category in 2008. David, operating from North Florida, had a substantially higher score (99,684 points) than anyone else in the category. Manuel, W2MF nearly doubled the Southern New Jersey record (which he himself set in 2007). This is the second year in a row that Manuel has finished in second place W/VE in the category. Third place went to William, K4CIA of Raleigh, North Carolina. William has been an active amateur radio operator and DXer for over 50 years.

In the Single-Operator Mixed-Mode Low-Power category, the two top scores were earned by stations in Florida who each scored over 200,000 points. Victory in the category went to William, W4TAA in West Central Florida. William may be operating from Canada next year - he recently moved to Ontario where he now has the call sign VE3NNQ. Gary, N4DL, also in the West Central Florida section, took second place with just over 800 contacts in his log. Third place went to last year's third-place finisher, Pete, K2PS of Southern New Jersey. Pete has finished in the top three in this category for four years in a row. Doug, VA3DF came in fifth place, the only Canadian station with a Top Ten score this year. "Conditions were better than expected," Doug notes.

With 1,163 QSOs in the log, John, WE3C, operating from Eastern Pennsylvania, won the Single-Operator, Mixed-Mode High-Power category this year (435,488 points). After finishing fourth in 2007, John credits his win with better Sunday propagation and staying in the chair: "This year, Sunday was much more productive than Saturday." Last year's category victor, Scott, NE9U, operating the well-known WØAIH contest station in Wisconsin, took second place (376,704 points). Neal, K4EA in Georgia had the third highest score (320,488 points). Last year's third place finisher, Jerry, WB9Z in Illinois came in a fourth place.

Single-Operator Phone-Only

Only 20 W/VE logs were received in the Single-Operator, Phone-Only QRP category this year, the fewest of any W/VE category. The top three stations in the category were each rewarded with more than 100 contacts this year. Winning the category was John, KE2OI of Southern New Jersey, with an impressive 40 multipliers. James, KØHW of South Dakota took second place (and set a new South Dakota section record score) with just one fewer QSO, but 15 fewer multipliers, than John. James had much better propagation on Sunday, with over 85% of his contacts made in the second 24 hours of the contest. "I thought I might end with just two dozen contacts after I only had 12 as of Sunday morning." Larry, W7YA of the Orange section in southern California, makes a repeat appearance in third-place. Larry's result is one of the best for any station west of the Rocky Mountains.

In 2007, the top three spots in the Single-Operator, Phone-Only Low-Power category all went to stations in the fifth call district. This year, the top three spots all went to stations in the eastern U.S. Peter, WD4IXD won the category from North Florida with just under 1000 contacts in the log. Robert, AJ3T, from Western Pennsylvania, took second place with 450 QSOs. Third place went to Douglas, K4DMH of Northern Florida. Charles, W4GKF, who took eighth place from Georgia in 2007, improved to fourth place this year. Summing up the weekend, Charles notes, "I thought on Friday night and Saturday that this was going to be a gigantic bust. But the band came through on Sunday and I was able to make nearly ten times the number of Qs."

In the Single-Operator Phone-Only High-Power category, a new entrant in the category took first place. George, NR5M, operating from a location northwest of Houston, made 1,338 QSOs to 59 multipliers for 157,294 points. Last year's category victor and also operating from South Texas, Chuck, W5PR, took second place (127,904 points) with 1,150 QSOs in 56 multipliers. Ed, WØSD of South Dakota moved up from fourth place to third place (123,960 points) this year. Last year's second-place finisher, Ken, WM5R, operating at the K5TR station in South Texas, came in fourth place (115,472 points), the only other station in the category to break the 100,000 point barrier.

Single-Operator CW-Only

After a four-year run by Dale, KG5U, the Single-Operator CW-Only QRP category victory went to Tom, N5TW (23,904 points). Tom's station is located north of Austin, Texas. "I was in the chair running a frequency for about nine hours on Sunday. Working 32 states and one Canadian province with 5 watts at the bottom of the cycle is just way cool," Tom notes. Second place (22,620 points) went to Skip, W5GAI, operating from his suburban hilltop station in Austin, Texas. Skip used a single log periodic antenna and wire antennas from a 70-foot tall crank-up tower. In third place, Spencer, N8AP made 18,760 points from Michigan, just edging out fourth-place Jon, NØJK (18,408 points) in Kansas.

In the Single-Operator CW-Only Low-Power category, first place went to John, W2TX of South Florida. John made over 700 QSOs to claim the victory, 200 more than last year's winner in the category made. Merrill, WK2G of West Central Florida moved up from a third-place finish last year to claim the second-place spot in 2008. Third place went to Leonard, WB4TDH of West Central Florida. Leonard made 23 more contacts than Merrill, but worked fewer multipliers.

Dan, K1TO returned to first place in the W/VE Single-Operator CW-Only High-Power category in 2008. Dan last won the category in 2006, when he beat out Richard, K5NA by a score difference of 0.1%. Dan finished in second place in 2007, behind K5NA, and this year took the top spot from his West Central Florida location with 386,808 points. Second place this year went to Bob, N4BP of South Florida. Bob made about 300 fewer contacts than Dan. In third place, Dave, K1ZZ had the best result in the contest for any station in New England. Operating from Connecticut, Dave was located south of the severe ice storm, and was one of the few stations in W/VE to work Europeans. "I caught a brief European opening on Saturday morning for 32 QSOs and 10 countries." Last year's category winner, Richard, K5NA, finished in fifth place from South Texas behind fourth-place finisher Fred, K4LQ in West Central Florida.

Multi-operator Single-Transmitter

The five-operator team at NX5M earned its fourth consecutive victory in the W/VE Multi-Operator Single-Transmitter category. This is the 12th consecutive year that Bob, NX5M and team have entered the category, and their fifth victory overall. The team struggled to finish with 1,352 contacts and 117 multipliers from South Texas. Earning the second-place spot was a three-person team at W4UH in South Florida. The W4UH team worked many more contacts than NX5M (1,694) but fewer multipliers (only 99). Chris, N4CJ (who also holds the call sign G4BUE) was joined by his wife June, MØBUE in a two-person effort from West Central Florida that resulted in a third-place finish. Together, they worked just over 1,000 contacts to 96 multipliers.

ARRL Affiliated Clubs Competition

One way to keep motivated and making contacts on 10 meters when the conditions are not so great is in knowing that your efforts are helping a club score. Even the smallest score can help contribute to your club. 51 clubs qualified for the competition this year, four more than qualified in 2007. Affiliated clubs are organized into three categories: Local Clubs, Medium Clubs, and Unlimited Clubs. Which category your club will be ranked in depends on the number of logs submitted for the club, and how large the territory is from which the club members operate. For a club to be listed in the results, the Contest Branch must receive at least three entries from club members.

This year, there were 19 clubs in the Local Club category, six more than in 2007. The Central Virginia Contest Club took the top prize in 2008, with six club members combining for a total score of 209,928 points. Last year's category winner, the Midland Amateur Radio Club of Midland, Texas finished second this year. Seven club members combined for a score of 154,270 points.

The most competitive club competition category in 2008 was the Medium Club category. 29 clubs qualified for this category, and three scored over 1,000,000 points. The Frankford Radio Club won first place in the Medium Club category with 1,487,258 points from 19 logs. The 78,277 points per-log average was the best per-log average score of any club in the competition this year. Last year's category winners,

the Central Texas DX and Contest Club, came in second place. The 21 logs from CTDXCC members combined for 1,272,142 points. The Minnesota Wireless Association took third place with 48 logs and 1,141,858 points. The MWA beat out the nearby Society of Midwest Contesters (fifth place finishers) with a total score about 18,000 points higher, mainly by having eight more logs submitted. The Yankee Clipper Contest Club also had a strong fourth place showing of just under 1,000,000 points total.

Three clubs entered the Unlimited Club category, which retains limits on the geographic locations of the club stations, but not on how many can enter on behalf of the club. Moving up from a third-place Medium Club finish last year, the Florida Contest Group took a commanding victory in the Unlimited Club category in 2008: 63 logs combined for a total of 4,388,168 points. The Potomac Valley Radio Club came in second place with 2,490,294 points from 70 log submissions. Third place went to the Northern California Contest Club with 636,430 points.

To be eligible to compete, a club must be a current ARRL affiliate and must have submitted an annual report to the ARRL within the past two years. To become an Affiliated Club, more than half of the voting club membership must be ARRL members, more than half of the voting membership of the club must be licensed radio amateurs, the club must have a constitution, and the goals of the club must not conflict in any way with the goals of the ARRL. Non-W/VE clubs can qualify for the Affiliated Club Competition, but they must meet all of the ARRL Affiliated Club requirements.

For your score to count for your club, you must be a member of the club, the station from which you operate must be located within the club's geographic territory, and you must include the club name in the Cabrillo log file headers when you submit your log. Do not use abbreviations, even if you think your club's abbreviation is well known. Many clubs have similar abbreviations. You can find the official list of contest club names on the ARRL Contest Branch web site. If your club is not listed, contact **contests@arrl.org**, and the team at the Contest Branch will help make sure that your club meets the Affiliated Club requirements and is updated on the list.

Are You Ready for Next Year?

Will conditions on the 10 meter band be any better in December, 2009, than they were in December, 2008? Even if the solar numbers don't look spectacular, you can be sure that thousands of contesters will show up. On December 12-13, 2009, the band will once again come alive with signals from all parts of the globe.

2008 ARRL 10 Meter Contest Results

Top Ten By Category

	CALL	SCORE
W/VE		
Mixed Mode, QRP		
	KR4OW	99,684
	W2MF	44,574
	K4CIA	30,500
	K3TW	25,696
	VA3DF	23,500
	NØUR	20,332
	WØRU	9,240
	W5ESE	7,896
	NA4BW	7,450
	WA6FGV	5,472
Mixed Mode, Low Power		
	W4TAA	241,752
	N4DL	217,566
	K2PS	189,240
	W3EP	153,640
	WD5K	132,300
	NØNI	125,164

	WØETT	81,774
	WQ5L	80,028
	K4MF	70,330
	K4ADR	65,130
Mixed Mode, High Power		
	WE3C	435,488
	WØAIH (NE9U, op)	376,704
	K4EA	320,488
	WB9Z	264,870
	K8LEE	256,048
	WØEWD	255,420
	N4PN	244,622
	N8II	230,076
	W4LT	200,502
	WØBH	180,432
Phone Only, QRP		
	KE2OI	8,320
	KØHW	5,150
	W7YA	4,400
	WWØWB	3,984
	KBØOLA	2,944
	N8MWK	2,944

	KKØQ	1,376
	W6QU (W8QZA, op)	1,368
	KD4OFG	1,120
	W8JMF	1,020
Phone Only, Low Power		
	WD4IXD	97,818
	AJ3T	38,184
	K4DMH	34,944
	W4GKF	28,880
	W3LL	26,796
	W5TMC	26,524
	AC5O	22,400
	WB2RHM	18,040
	KAØFSP	17,792
	N5MT	17,760
Phone Only, High Power		
	NR5M	157,294
	W5PR	127,904
	WØSD	123,960
	K5TR (WM5R, op)	115,472
	K8CC (N8NX, op)	93,830
	K4WI	92,400

	NØQO	89,000
	N8RA	87,696
	N2EOC	83,172
	WO4DX	76,496
CW Only, QRP		
	N5TW	23,904
	W5GAI	22,620
	N8AP	18,760
	NØJK	18,408
	W7JI	16,256
	N9SF	11,232
	N9TF	7,644
	N1TM	6,624
	WO2N	6,300
	K2SM	5,600
CW Only, Low Power		
	W2TX	137,984
	WK2G	120,320
	WB4TDH	117,744
	N4IJ	63,288
	K4PG	59,312
	KØMF	56,016

	W3BGN	55,488
	K9OM	52,096
	K7HP	44,208
	K4FT	40,480
CW Only, High Power		
	K1TO	386,808
	N4BP	284,064
	K1ZZ	211,012
	K4LQ	181,260
	K5NA	172,704
	W2UP	136,192
	WJ9B	128,316
	N5AU	114,460
	WØZA	107,100
	W9WI	103,896
Multioperator		
	NX5M	434,304
	W4UH	386,496
	N4CJ	325,248
	K4FJ	303,732
	W5RU	297,600
	N4ARR	292,136

	N2MM	216,240
	W5YAA	198,370
	W4EE	150,300
	K3WW	147,732
DX		
Mixed Mode, QRP		
	PY2NY	20,020
	YT2RX	4,576
	RW3AI	2,652
	EW6CU	684
	JH7RTQ	588
	JK1TCV	230
	JH8FAJ	150
	PE2KP	42
Mixed Mode, Low Power		
	LU6WG (LU5WW, op)	132,104
	PY2SEX	70,560
	PY2LSM	68,880
	NP3CW	50,848
	CE3DNP	41,958
	HK3O	15,392
	LW4HBR	13,912

	LW5EE	12,480
	9A5ST	9,636
	EA7KJ	7,296
Mixed Mode, High Power		
	DK2OY	47,792
	CE3BFZ	45,430
	PY3DX	43,032
	PY1NB	25,370
	DL4WA	25,116
	OE3GCU	12,012
	FM5AN	11,808
	UX2IO	11,100
	HA1YI	11,078
	ZS1EL	10,430
Phone Only, QRP		
	TG9ANF	13,794
	LV6D (LW3DC, op)	4,278
	PY2BN	936
	F4FEY	540
	I5KAP	540
	EA3FF	414
	JA2DLM	336

	DF1RK	306
	VK4ATH	200
	IK3XTY	170
Phone Only, Low Power		
	HI3CCP	117,828
	LQ5H (LU3HS, op)	38,308
	LV5V (LU5VV, op)	24,840
	VP5JM	24,816
	AY8A (LU8ADX, op)	23,618
	ZV2C	16,626
	CE4ETZ	11,440
	PU2MTS	10,800
	CE2WZ	9,044
	PU2LEP	7,848
Phone Only, High Power		
	LR2F (LU2FA, op)	70,980
	P40K	45,632
	LS2D (LU4DJB, op)	45,384
	PY5EW	22,256
	PW2P	18,568
	EC1KR	17,360
	HQ2W	12,400

	VK8AA (VK2CZ, op)	11,662
	GØAEV	9,912
	PY5ZD	7,776
CW Only, QRP		
	LW3EX	8,052
	S59D	1,792
	YO4XT	1,560
	US5VX	1,512
	YO8WW	960
	YO5ALI	792
	G4DBW	540
	9A2EY	264
	PP5VX	240
	F5UKL	240
	PAØRBO	240
CW Only, Low Power		
	PJ2T (WØCG, op)	103,040
	PY1NX	59,944
	LW1E	44,440
	HR9/WQ7R	27,264
	PY2XC	20,064
	XE2S	16,272

	J39BS	14,256
	9A5MT	12,992
	EA4TX	8,960
	RV3LO	6,348
CW Only, High Power		
	LU1HF	343,184
	PY2WC	98,112
	P43JB	82,468
	S57DX	44,772
	OL5M (OK1GI, op)	28,236
	F5IN	27,448
	9A2U (9A7KNB, op)	20,016
	HA8FK	15,660
	EA3NT	15,616
	EA4KA	14,352
Multioperator		
	CW5W	406,000
	CX5BW	246,840
	LS1D	218,790
	CV5K	212,550
	PP5MS	183,736
	PY3MHZ	135,090

	LQØF	129,990
	LR4E	98,358
	IO5O	32,240
	HQ2GL	26,978

2008 ARRL 10 Meter Contest Results

Division Leaders

MODE	DIVISION	CALL	SCORE	POWER
Mixed Mode				
	Atlantic	W2MF	44,574	A
	Central	AF9J	2,006	A
	Dakota	NØUR	20,332	A
	Delta	AD5YU	4,200	A
	Great Lakes	KT8K	5,396	A
	Hudson	WB2AMU	4,256	A
	New England	K1WHS	4,280	A
	Pacific	N6WG	5,190	A
	Roanoke	K4CIA	30,500	A
	Rocky Mountain	K7UP	3,780	A
	Southeastern	KR4OW	99,684	A

	Southwestern	WA6FGV	5,472	A
	West Gulf	W5ESE	7,896	A
	Canada	VA3DF	23,500	A
	Atlantic	K2PS	189,240	B
	Central	KB9OWD	51,600	B
	Dakota	ACØW	40,810	B
	Delta	WQ5L	80,028	B
	Great Lakes	K4YJ	27,456	B
	Hudson	WA2MCR	15,170	B
	Midwest	NØNI	125,164	B
	New England	W3EP	153,640	B
	Northwestern	N7LOX	16,750	B
	Pacific	NT6K	17,628	B
	Roanoke	N4VA	63,512	B
	Rocky Mountain	WØETT	81,774	B
	Southeastern	W4TAA	241,752	B
	Southwestern	K6AM	50,232	B
	West Gulf	WD5K	132,300	B
	Canada	VE3FGU	45,804	B
	Atlantic	WE3C	435,488	C

	Central	WØAIH (NE9U, op)	376,704	C
	Dakota	WAØMHJ	111,852	C
	Delta	WO4O	116,844	C
	Great Lakes	ND8L	30,000	C
	Hudson	N1EU	71,604	C
	Midwest	WØEWD	255,420	C
	New England	W9XT	163,226	C
	Northwestern	K7ZS	23,596	C
	Pacific	W6YX (N7MH, op)	137,060	C
	Roanoke	N8II	230,076	C
	Rocky Mountain	NØKE	134,496	C
	Southeastern	K4EA	320,488	C
	Southwestern	K9WZB	64,584	C
	West Gulf	K5QEA	22,172	C
	Canada	VE2TZT	91,530	C
Phone Only				
	Atlantic	KE2OI	8,320	A
	Central	KC9AMM	98	A
	Dakota	KØHW	5,150	A
	Great Lakes	N8MWK	2,944	A
	Hudson	AA2VK	208	A
	Midwest	KØKRH	304	A

	New England	KA1LMR	50	A
	Roanoke	KD4OFG	1,120	A
	Rocky Mountain	WWØWB	3,984	A
	Southeastern	KBØOLA	2,944	A
	Southwestern	W7YA	4,400	A
	Atlantic	AJ3T	38,184	B
	Central	WB9PUB	7,128	B
	Dakota	KEØL	16,730	B
	Delta	AC5O	22,400	B
	Great Lakes	KC8QAE	10,138	B
	Hudson	KS2G	2,250	B
	Midwest	KAØFSP	17,792	B
	New England	KA1AMR	4,264	B
	Northwestern	N7CKJ	1,696	B
	Pacific	N6IIU	2,448	B
	Roanoke	WB2RHM	18,040	B
	Rocky Mountain	KC6R	16,280	B
	Southeastern	WD4IXD	97,818	B
	Southwestern	WAØKDS	5,022	B
	West Gulf	W5TMC	26,524	B
	Canada	VE9CEH	5,928	B

	Atlantic	NA3D (@ N3HBX)	59,384	C
	Central	W9JA	9,408	C
	Dakota	WØSD	123,960	C
	Delta	W4KW	4,524	C
	Great Lakes	K8CC (N8NX, op)	93,830	C
	Hudson	N2EOC	83,172	C
	Midwest	KØRH	52,562	C
	New England	N8RA	87,696	C
	Northwestern	W7BJN	2,280	C
	Pacific	K6HNZ	5,960	C
	Roanoke	NX9T	22,720	C
	Rocky Mountain	NØQO	89,000	C
	Southeastern	K4WI	92,400	C
	Southwestern	W6AFA	3,016	C
	West Gulf	NR5M	157,294	C
	Canada	VA3PC	1,734	C
CW Only				
	Atlantic	K2SM	5,600	A
	Central	N9SF	11,232	A
	Dakota	NRØL	28	A
	Great Lakes	N8AP	18,760	A

	Hudson	WO2N	6,300	A
	Midwest	NØJK	18,408	A
	New England	N1TM	6,624	A
	Pacific	K9JM	2,304	A
	Roanoke	K8OWL	2,700	A
	Rocky Mountain	NØTK	2,940	A
	Southeastern	K4PBY	4,256	A
	Southwestern	N7IR	4,620	A
	West Gulf	N5TW	23,904	A
	Canada	VA3RKM	8	A
	Atlantic	W3BGN	55,488	B
	Central	K9QVB	34,144	B
	Dakota	KNØV	38,192	B
	Delta	N4ZI	30,100	B
	Great Lakes	K4FT	40,480	B
	Hudson	K2UF	16,272	B
	Midwest	WØEB	11,760	B
	New England	K1DC	34,880	B
	Northwestern	KA7T	13,156	B
	Pacific	KD6WKY	4,816	B
	Roanoke	K7SV	30,488	B

	Rocky Mountain	KØMF	56,016	B
	Southeastern	W2TX	137,984	B
	Southwestern	K7HP	44,208	B
	West Gulf	N4IJ	63,288	B
	Canada	VE3GSI	14,960	B
	Atlantic	W2UP	136,192	C
	Central	W9RE	72,716	C
	Dakota	NEØU	24,616	C
	Delta	W9WI	103,896	C
	Great Lakes	N8BJQ	34,740	C
	Hudson	K2EP	4,452	C
	Midwest	NYØV	17,236	C
	New England	K1ZZ	211,012	C
	Northwestern	K7BG	29,104	C
	Pacific	N6JV	29,008	C
	Roanoke	W4PK	36,432	C
	Rocky Mountain	WØZA	107,100	C
	Southeastern	K1TO	386,808	C
	Southwestern	AB7E	94,340	C
	West Gulf	K5NA	172,704	C
	Canada	VY2SS	32,240	C

Multioperator				
	Atlantic	KA3AFY	7,112	B
	Central	K9WX	1,296	B
	Dakota	KØTI	64,264	B
	Delta	AE5T	38,416	B
	Great Lakes	N8VV	75,544	B
	Hudson	K2DFC	67,680	B
	Midwest	KB5ENP	4,788	B
	New England	N1UR	51,136	B
	Northwestern	WA1PMA	10,500	B
	Pacific	K6MM	25,364	B
	Roanoke	K3KO	15,664	B
	Rocky Mountain	KK5OV	1,440	B
	Southeastern	W4EE	150,300	B
	Southwestern	K7RSM	736	B
	West Gulf	N5OE	79,152	B
	Canada	VE1OP	62,860	B
	Atlantic	N2MM	216,240	C
	Central	KI9A	29,302	C
	Dakota	NØAT	102,960	C
	Delta	W5RU	297,600	C

	Great Lakes	W8VM	66,000	C
	Hudson	AB2DE	53,802	C
	Midwest	NØXR	71,316	C
	New England	KI1G	69,504	C
	Northwestern	W7PU	15,444	C
	Pacific	W7RN	56,950	C
	Roanoke	K4FJ	303,732	C
	Rocky Mountain	KØGAS	69,248	C
	Southeastern	W4UH	386,496	C
	Southwestern	W7MD	42,896	C
	West Gulf	NX5M	434,304	C
	Canada	VE3MIS	16,948	C

2008 ARRL 10 Meter Contest Results

Continent Leaders

CONT	CALL	SCORE	CLASS	POWER
AF				
	Z29KM	3320	A	B
	ZS1EL	10430	A	C
	AY8A (LU8ADX, op)	23618	B	B
	EA8AH	2584	B	C

	ZS4JAN	1008	C	B
	EA8BQM	432	D	B
	EA8TX	480	D	C
AS				
	JH7RTQ	588	A	A
	JA2PFO	2080	A	B
	JA7NVF	3100	A	C
	JA2DLM	336	B	A
	JA1WWE	624	B	B
	JA7OWD	4296	B	C
	JR1NKN	168	C	A
	JF3BFS	2484	C	B
	JA2CUS	528	C	C
	BG4DVK	168	D	B
	JA6WIF	12420	D	C
EU				
	YT2RX	4576	A	A
	9A5ST	9636	A	B
	DK2OY	47792	A	C
	F4FEY	540	B	A
	AO1Y (EA1YB, op)	4294	B	B
	EC1KR	17360	B	C

	S59D	1792	C	A
	9A5MT	12992	C	B
	S57DX	44772	C	C
	EA5GVZ	110	D	A
	YT9A	5192	D	B
	IO5O	32240	D	C
NA				
	NP3CW	50848	A	B
	FM5AN	11808	A	C
	TG9ANF	13794	B	A
	HI3CCP	117828	B	B
	HQ2W	12400	B	C
	HR9/WQ7R	27264	C	B
	XE1MM	6048	C	C
	HQ2GL	26978	D	B
	KP2SJ	15344	D	C
OC				
	WH2D (K3UOC, op)	3300	A	B
	VK7GN	1788	A	C
	VK4ATH	200	B	A
	VK4EJ	740	B	B
	VK8AA (VK2CZ, op)	11662	B	C

	VK2CCC	4	C	A
	VK2AYD	5544	C	B
	ZL1AIH	2688	C	C
	VK2UZ	840	D	B
	ZL1BYZ	3968	D	C
SA				
	PY2NY	20020	A	A
	LU6WG (LU5WW, op)	132104	A	B
	CE3BFZ	45430	A	C
	LV6D (LW3DC, op)	4278	B	A
	LQ5H (LU3HS, op)	38308	B	B
	LR2F (LU2FA, op)	70980	B	C
	LW3EX	8052	C	A
	PJ2T (WØCG, op)	103040	C	B
	LU1HF	343184	C	C
	LQØF	129990	D	B
	CW5W	406000	D	C

2008 ARRL 10 Meter Contest Results

DX Affiliated Club Scores

	Score	Entries
Unlimited Category		
Florida Contest Group	4,388,168	63
Potomac Valley Radio Club	2,490,294	70
Northern California Contest Club	636,430	53
Medium Category		
Frankford Radio Club	1,487,258	19
Central Texas DX and Contest Club	1,272,142	21
Minnesota Wireless Assn	1,141,858	48
Yankee Clipper Contest Club	992,058	36
Society of Midwest Contesters	958,604	40
Grand Mesa Contesters of Colorado	833,048	18
Alabama Contest Group	718,622	14
South East Contest Club	647,136	12
Tennessee Contest Group	590,450	28
Contest Club Ontario	563,104	27
North Texas Contest Club	405,824	7
Mad River Radio Club	336,878	12
Louisiana Contest Club	324,470	5

Central Arizona DX Assn	306,264	14
Central Virginia Contest Club	209,928	6
Southern California Contest Club	185,146	19
Texas DX Society	166,688	3
Hudson Valley Contesters and DXers	159,956	11
Maritime Contest Club	148,680	10
Western New York DX Assn	143,980	5
CTRI Contest Group	141,298	5
Kentucky Contest Group	49,414	6
Carolina DX Assn	45,324	6
Hampden County Radio Assn	38,378	11
Willamette Valley DX Club	38,044	6
Order of Boiled Owls of New York	34,462	3
North Coast Contesters	32,568	3
Oklahoma DX Assn	25,842	4
Rochester (NY) DX Assn	24,542	4
Six Meter Club of Chicago	13,284	6
East Coast Canada Contest Club	4,996	3
Local Category		
Central Virginia Contest Club	209,928	6
Midland ARC	154,270	7
Low Country Contest Club	153,898	9

Mother Lode DX/Contest Club	130,894	8
West Park Radiops	87,172	5
Western Washington DX Club	50,920	7
Metro DX Club	48,266	6
Austin ARC	38,666	4
Athens County ARA	23,340	4
Redmond Top Key Contest Club	21,830	3
Lincoln ARC	19,510	4
Portage County Amateur Radio Service	16,716	8
West Allis RAC	15,792	5
Spokane DX Association	14,658	4
Bergen ARA	10,238	4
Meriden ARC	9,446	3
Panhandle ARC	3,120	3

Sidebars

- [Cycle 24 Developments](#)
- [Most Recent NOAA solar predictions](#)

Hams Respond to Calls for Assistance as Ice Storms Pummel New England



This car in Montgomery, Massachusetts, definitely felt the effects of the ice storm! [Ray Weber, KA1JJM, Photo]



Many roads were blocked by downed trees in Worcester, Massachusetts after the ice storm. [Photo courtesy of Rob Macedo, KD1CY]



Homes in Worcester, Massachusetts were also affected by the ice storm. [Photo courtesy of Rob Macedo, KD1CY]



Many trees were bent or broken due to the large amounts of ice that froze on them. [Photo courtesy of Rob Macedo, KD1CY]



The 15 and 80 meter towers at KC1XX suffered severe damage in the ice storm. [Matt Strelow, KC1XX, Photo]



The view to the east from KC1XX's QTH. [Matt Strelow, KC1XX, Photo]

As a major ice storm -- accompanied by freezing rains, flooding and strong winds -- severely impacted New England on Thursday evening into Friday morning, ARES®, RACES, SKYWARN and MARS operators worked together to respond to calls for assistance from served agencies and to participate in the recovery phase of the storm. As the storm progressed into the weekend, ice accumulations up to 1.5 inches were common throughout a very large area of Western, Central and Northeast Massachusetts, as well as parts of New Hampshire and Maine.

"After this summer's severe weather with its unusually historic number of events, we now face the worst ice storm we've seen in recent memory in portions of Southern New England," said Eastern Massachusetts ARES Section Emergency Coordinator Rob Macedo, KD1CY. "It became clear that we were dealing with a rapidly deteriorating situation by early Friday morning. SKYWARN weather spotters relayed data that clearly to the NWS, saying whole towns and cities were losing electricity." Macedo also serves as SKYWARN Coordinator for the Taunton office of the National Weather Service ([NWS](#)).

Macedo said that information gleaned from weather spotters was fed not only to the National Weather Service office but also to Emergency Management officials in the area. "This provided the situational

awareness and disaster intelligence required to rapidly upgrade the response efforts," he said. According to Macedo, SKYWARN weather spotters relayed more than 220 reports of icing damage and power outages. At the height of the storm, almost 400,000 customers in Massachusetts lost power. Phone service, particularly landline service, was disrupted in some areas. New Hampshire was "also very hard hit by the storm," Macedo said. "That state reported even more power outages than Massachusetts." As of late Sunday evening, almost 140,000 were without power in Massachusetts with over double that number in New Hampshire. Southern New England received 2-4 inches of rainfall; isolated higher amounts caused river, stream and urban flooding. Strong winds in the region resulted in tree and wire damage, as well as coastal flooding along the shoreline.

Macedo said: "This ice storm was severe, but we also had to deal with these other impacts. Those Amateur Radio operators involved did remarkably well to service all of the needs in the response phase of this storm. As we moved into the recovery phase, hams assisted in shelter communications and EOC operations in several communities across the two ARRL Sections in Massachusetts and other Sections in New England."

Eastern and Western Massachusetts

Macedo said that together with Western Massachusetts ARES Section Emergency Coordinator John Ruggerio, N2YHK, he has worked on supplying the various served agencies with Amateur Radio operators when situations -- like the ice storm -- happen. Massachusetts State RACES Radio Officer Tom Kinahan, N1CPE, has also sought support for State EOC staffing needs. "We have worked together as one team and like we were all in one Section," Macedo said. "This is the worst incident John and I have faced as Section Emergency Coordinators."

"The Eastern Massachusetts and Western Massachusetts Sections -- led by their Section Emergency Coordinators in this response -- worked as one," said ARRL Emergency Preparedness and Response Manager Dennis Dura, K2DCD. "There were no boundaries -- it was a seamless mission they continue to react to. Even though the conditions were very difficult and the icing was widespread, individual hams impacted with the power outages responded to the calls for assistance. Creative thinking was the name of the game when repeaters went down. Simplex reigned, and other repeaters on the fringes of their coverage areas were utilized."

In Western Massachusetts, SEC John Ruggerio, N2YHK, said the Worcester Emergency Communications Team ([WECT](#)) and the Worcester EOC were activated at 2 AM Friday "to serve as a hub for communications in Central Massachusetts. Our ARES group went to great lengths to accomplish this activation." WECT continues to be active supporting their EOC, as well as shelter communications within Worcester, Macedo said. "WECT needed additional help, so an ARES unit in Eastern Massachusetts sent in a ham to assist late Sunday evening."

Macedo said the town of Gardner, Massachusetts requested ARES assistance for shelter communications and health and welfare traffic to offload overworked phones and public safety frequencies: "As Western Massachusetts ARES ran out of needs, we formed an ARESMAT (Amateur Radio Emergency Services Mutual Aid Team) to handle the need for Gardner EMA Director and ARES Emergency Coordinator Paul Topolski, W1SEX.

"Amateur Radio operators from the North and South Shore of Eastern Massachusetts assisted with operations for Western Massachusetts, fulfilling needs from Saturday night into Monday morning," Ruggerio recounted. "ARES units in the Western Massachusetts Section will provide support during the day on Monday in Franklin County, Massachusetts. The need there could last through Tuesday, and we will continue to utilize resources between our Sections for support." Ruggerio said. The ARES unit in Franklin County ARES has also been supporting operations at the EOC in the town of Heath, as well as shelters in that area.

Macedo said there is a possibility that the Massachusetts State EOC operations may need to be staffed through Wednesday; staffing needs have currently been met through midnight on Tuesday. "We will continue to provide support for as long as requested to support the state EOC," Kinahan said.

Dave Robbins, [K1TTT](#), in Peru, Massachusetts, reported that the ice storm caused severe damage to his antenna farm. "Around 1 AM on Friday," Robbins said, "all antennas were still intact except the 160 meter inverted-Ls -- their pulley broke -- and the Beverages. The Beverages had pulled so hard that they broke the shack end of the 6x6 post at ground level. This jerked off the F connectors on the coax for the transformers. About midday on Friday, the wind came up and broke the elements off the top 40 meter beam -- all four of them on one side so it tipped over the other way into the guy wires. This also started breaking elements on the 20 and 15 meter Yagis, bending them like horseshoes."

He continued: "There was more wind on Friday night, and it switched around to come from the west. Saturday morning revealed that the bottom 40 meter boom brace had failed on one end, breaking the boom. It is now leaning badly and most likely has damaged the ring rotor due to the unbalanced load. Later on, one of the booms on the European 20 meter antenna broke, too."

Macedo said that as of Monday, tree and utility crews are still dealing with areas that are completely cut off from other cities and towns. They are currently working from central locations and working outward to restore power and services.

New Hampshire and Maine

New Hampshire Assistant Section Emergency Coordinator David Colter, WA1ZCN, said that ARES units in New Hampshire ARES were active, supporting SKYWARN and ARES efforts in the region. "The National Weather Service offices in Gray, Maine and Taunton, Massachusetts were both active on the air and via [EchoLink](#), actively gathering reports. Gray has been on Mt Washington, Gilford and Gunstock repeaters, while Taunton was on the Hollis repeater. I encourage members in the affected areas to forward reports to the NWS offices, as well as the State EOC," he said.

Early Friday morning, Colter said that Hillsborough County was fully activated, providing communications between the EOC in Amherst and the State EOC. "That town lost most of its phone communications, but EOCs in Lydeborough, Washington, Kensington and Hampton were open. The Western Rockingham County New Hampshire ARES provided support to the EOC in Derry, and by 9 that evening, operations were secured and phones were once again operational."

John Kaufmann, W1FV, said that Matt Strelow, KC1XX, in Mason, New Hampshire, reported that he had "major antenna damage with ice up to 1.5 inches thick -- by far the worst he's ever seen at his place, which gets more than its share of winter weather. Two of three 40 meter Yagis have been destroyed, and antennas on all bands -- 160-10 meters -- have been damaged or completely lost. So far, all of the towers are still standing, but there is some concern about trees coming down on guy wires."

Jerry Hume, K1WTX, SKYWARN Coordinator at the NWS office in Gray, stated that Amateur Radio operations began there around 3 PM on Thursday, going through Friday morning: "More than 100 reports were brought in via Amateur Radio alone, and Tom Berman, N1KTA -- one of the forecasters at NWS Gray -- was active with the ham station at the Gray office using call sign WX1GYX." David Lowe, WE1U, also forwarded several reports to the National Weather Service office located in Caribou, Maine.

"It was our largest volume of radio traffic that we have handled in our two years of SKYWARN operations," Hume said. "Response from the ham community was much heavier than we usually see, with many new spotters joining in. I want to believe that this resulted from our efforts promoting SKYWARN in the weekly Nets, as well as the help and collaboration by all in improving the program."

ARRL 10 Meter Contest Records through 2008 - W VE

Record Scores for Stations in the United States and Canada

(Includes Alaska and Hawaii, but does not include other U.S. Territories and Possessions.)

=====

W O R L D R E C O R D S

=====

Cnty	Category	Station	Score	QSOs	Mults	Year
K	SO MIX QP	KG9X	886650	1064	257	2001
KP2	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
KP4	SO SSB QP	KP4KE	366750	1494	125	2002
VP2E	SO SSB LP	VP2EXX	1291800	4306	150	1990
D4	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
K	SO CW LP	K1TO	1218000	2040	150	2002
PZ	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
VP5	MS	VP5K	4091778	4655	309	2000

=====

W / V E R E C O R D S

=====

Sect	Category	Station	Score	QSOs	Mults	Year
IL	SO MIX QP	KG9X	886650	1064	257	2001
MAR	SO MIX LP	VY2TT (K6LA, op.)	1884420	2336	261	2002
CT	SO MIX HP	KQ2M	2747164	3279	287	2000
NTX	SO SSB QP	K5RX	301630	1090	139	2001
NFL	SO SSB LP	K4XS	815300	2630	155	1999
SFL	SO SSB HP	K4XS	1151500	3307	170	1991
SK	SO CW QP	VE5UF	527076	1102	121	2002
WCF	SO CW LP	K1TO	1218000	2040	150	2002
CT	SO CW HP	K1KI	1511048	2461	154	2001
MDC	MS	K3MM	3225792	3205	317	1999

=====

D I V I S I O N R E C O R D S

=====

Division	Sect	Category	Station	Score	QSOs	Mults	Year
Atlantic	WNY	SO MIX QP	N2CU	369472	627	184	2001
Atlantic	SNJ	SO MIX LP	K2P8	917994	1282	231	2002
Atlantic	MDC	SO MIX HP	W2GG	2430912	3367	264	2000
Atlantic	EPA	SO SSB QP	NY3Y	99440	452	110	1992
Atlantic	SNJ	SO SSB LP	KR2ED	359452	1231	146	2000
Atlantic	MDC	SO SSB HP	W3LPL (WA8MAZ, op.)	749176	2531	148	1988
Atlantic	EPA	SO CW QP	K3SV	214704	494	108	1999
Atlantic	DE	SO CW LP	W3PP	889088	1480	151	2002
Atlantic	WPA	SO CW HP	K3CR (LZ4AX, op.)	1232160	2050	151	2002
Atlantic	MDC	MS	K3MM	3225792	3205	317	1999

Canada	ON	SO	MIX	QP	VE3KZ	475610	778	199	2000
Canada	MAR	SO	MIX	LP	VY2TT (K6LA, op.)	1884420	2336	261	2002
Canada	ON	SO	MIX	HP	VE3AT	2282380	2748	278	2002
Canada	ON	SO	SSB	QP	VE3BUC	90800	454	100	2000
Canada	MB	SO	SSB	LP	VE4AMC	545820	2481	110	1991
Canada	MAR	SO	SSB	HP	VELYX	978930	3285	149	1982
Canada	SK	SO	CW	QP	VE5UF	527076	1102	121	2002
Canada	ON	SO	CW	LP	VA3RU	729504	1349	136	2001
Canada	ON	SO	CW	HP	VA3UZ	1224308	2034	151	2001
Canada	BC	MS			VE7NTT	1694024	3221	214	1991
Central	IL	SO	MIX	QP	KG9X	886650	1064	257	2001
Central	WI	SO	MIX	LP	WE9V	1520610	1844	273	2001
Central	IN	SO	MIX	HP	W9RE	2564592	3149	276	2002
Central	IL	SO	SSB	QP	N9RAH	26334	209	63	1990
Central	IL	SO	SSB	LP	W9XG (K2DRH, op.)	447552	1563	144	2001
Central	IN	SO	SSB	HP	W9RE	918390	2783	165	1989
Central	WI	SO	CW	QP	N9NE	339040	656	130	2001
Central	IL	SO	CW	LP	K9QVB	736560	1404	132	2002
Central	IN	SO	CW	HP	N9RV	1188616	2091	143	2002
Central	IL	MS			K9NS	2813658	3277	303	2000
Dakota	MN	SO	MIX	QP	K0PC	376872	666	164	2002
Dakota	MN	SO	MIX	LP	N0AT	1351336	1869	236	2001
Dakota	MN	SO	MIX	HP	K0SR	1743488	2169	257	2002
Dakota	MN	SO	SSB	QP	WA0VBW	168990	645	131	2001
Dakota	MN	SO	SSB	LP	AC0W	472472	1657	143	2001
Dakota	SD	SO	SSB	HP	W0SD	854772	3097	138	1999
Dakota	MN	SO	CW	QP	N0UR	385728	793	123	2001
Dakota	MN	SO	CW	LP	K0SR	809360	1509	134	1999
Dakota	SD	SO	CW	HP	W0SD (W0DB, op.)	1237236	2173	143	2001
Dakota	SD	MS			KD0S	2001408	2872	256	2002
Delta	LA	SO	MIX	QP	N5IB	109140	308	102	1999
Delta	LA	SO	MIX	LP	N800	1280052	1787	222	1999
Delta	LA	SO	MIX	HP	W5WMU (K25D, op.)	2334002	3005	277	1999
Delta	AR	SO	SSB	QP	AA5GY	198372	813	122	1991
Delta	LA	SO	SSB	LP	AA5FJ	347328	1294	134	1999
Delta	TN	SO	SSB	HP	K4JNY	723384	2365	153	1999
Delta	TN	SO	CW	QP	K4EQ	121452	352	87	2001
Delta	TN	SO	CW	LP	N4ZI	802788	1524	133	2001
Delta	AR	SO	CW	HP	KM5G	1137192	1955	147	2002
Delta	MS	MS			K5MDX	2195560	2996	262	1999
Great Lakes	OH	SO	MIX	QP	WA8RCN	405594	693	189	2000
Great Lakes	OH	SO	MIX	LP	KU8E	935532	1283	234	1999
Great Lakes	OH	SO	MIX	HP	N9AG	1852956	2207	266	2002
Great Lakes	OH	SO	SSB	QP	N8MWK	75030	305	123	1999
Great Lakes	OH	SO	SSB	LP	W8DD	362768	1153	158	2002
Great Lakes	OH	SO	SSB	HP	KW8N (N24K, op.)	718320	2190	164	1989
Great Lakes	MI	SO	CW	QP	N8AP	195168	453	107	1999
Great Lakes	MI	SO	CW	LP	W8MJ	683008	1348	128	2001
Great Lakes	OH	SO	CW	HP	K8AZ (K8NZ, op.)	1311200	2200	149	1999
Great Lakes	MI	MS			AA0U	2500238	2867	299	1999
Hudson	NNJ	SO	MIX	QP	AA2U	593880	958	204	1990
Hudson	NNJ	SO	MIX	LP	NA2U	1189524	1498	238	2000
Hudson	ENY	SO	MIX	HP	W2RE	2347776	2745	288	2002
Hudson	NNJ	SO	SSB	QP	N2NHN	112860	513	110	2000
Hudson	NLI	SO	SSB	LP	N2NB	744432	2402	156	2001
Hudson	ENY	SO	SSB	HP	N2BJ	575736	1932	149	1988
Hudson	NNJ	SO	CW	QP	KR2Q	401236	825	121	1999
Hudson	NNJ	SO	CW	LP	NA2U	550952	1126	122	1999
Hudson	ENY	SO	CW	HP	WB2Q	1099000	1741	157	1989
Hudson	NNJ	MS			N2NT	3023542	3064	311	2002

Midwest	MO	SO MIX QP	K00U	396100	716	170	2000
Midwest	MO	SO MIX LP	AE9B	935088	1502	231	2001
Midwest	MO	SO MIX HP	W00G	2142942	2789	267	1990
Midwest	IA	SO SSB QP	WA0VBW	96030	495	97	1990
Midwest	MO	SO SSB LP	K0HOF	203856	823	124	1999
Midwest	KS	SO SSB HP	N0XA	748340	2414	155	1989
Midwest	KS	SO CW QP	K0WA	143080	373	98	2001
Midwest	NE	SO CW LP	KT0K	608256	1158	132	2002
Midwest	MO	SO CW HP	K2VV	1344440	2328	145	2001
Midwest	KS	MS	K0GY	1719990	2182	261	1999
New England	NH	SO MIX QP	K1EPJ	262816	441	172	2001
New England	CT	SO MIX LP	K1RO	1476984	2006	246	2000
New England	CT	SO MIX HP	KQ2M	2747164	3279	287	2000
New England	VT	SO SSB QP	N1BQ	89024	421	107	2002
New England	CT	SO SSB LP	W3EP	504284	1625	157	2002
New England	RI	SO SSB HP	K1NG (K1IG, op.)	1088850	3111	175	1989
New England	NH	SO CW QP	K21O	277704	608	114	1998
New England	NH	SO CW LP	WE1USA (W21NP, op.)	957312	1669	144	2001
New England	CT	SO CW HP	K1KI	1511048	2461	154	2001
New England	NH	MS	KC1XX	3181272	3690	318	2000
Northwestern	WWA	SO MIX QP	NX7K	295274	603	161	1999
Northwestern	ID	SO MIX LP	W7UQ (K19A, op.)	1359150	2116	221	2001
Northwestern	AK	SO MIX HP	NL7GP	1878484	2918	251	1988
Northwestern	WWA	SO SSB QP	W7PE	136348	766	89	2001
Northwestern	OR	SO SSB LP	WA7EQW	484120	1821	133	1999
Northwestern	WWA	SO SSB HP	W7WA	965850	3525	137	1991
Northwestern	OR	SO CW QP	N7OU	362792	895	101	2001
Northwestern	OR	SO CW LP	N7OU	604440	1314	115	1999
Northwestern	MT	SO CW HP	K7BG	1004948	1880	133	1999
Northwestern	WWA	MS	W7XR	2216160	3059	285	1990
Pacific	SJV	SO MIX QP	N6MU	884510	1336	215	2000
Pacific	SV	SO MIX LP	W6UT	989380	1602	191	1999
Pacific	PAC	SO MIX HP	KH7X (KH6ND @ KH7R)	2522160	4061	226	2002
Pacific	SV	SO SSB QP	WR6WR (N6WR, op.)	64428	413	78	2002
Pacific	SV	SO SSB LP	K6KAY	561660	2442	115	1999
Pacific	SV	SO SSB HP	K3EST	1010070	3483	145	1989
Pacific	SF	SO CW QP	W6JTI	338360	770	110	2001
Pacific	SV	SO CW LP	N6JV	405840	883	114	1999
Pacific	PAC	SO CW HP	KH6ND	1303680	2328	140	2000
Pacific	PAC	MS	KH7R	2730060	3865	261	1999
Roanoke	NC	SO MIX QP	K4CIA	168542	325	163	2002
Roanoke	WV	SO MIX LP	N8II	1358104	1688	253	2002
Roanoke	VA	SO MIX HP	W4MYA	2087784	2566	271	2000
Roanoke	NC	SO SSB QP	NX9T	153000	615	125	2002
Roanoke	NC	SO SSB LP	KU4BP	241564	922	131	2000
Roanoke	NC	SO SSB HP	W4ZV	1090726	3227	169	1999
Roanoke	NC	SO CW QP	N4IJ	271400	583	118	2002
Roanoke	WV	SO CW LP	N8II	622512	1186	131	1999
Roanoke	NC	SO CW HP	W4ZV	1433952	2300	156	2000
Roanoke	SC	MS	N4UK	2765094	3051	321	1999
Rocky Mountain	CO	SO MIX QP	N0KE	615832	1005	196	2001
Rocky Mountain	CO	SO MIX LP	K0ZV	926816	1526	176	1999
Rocky Mountain	CO	SO MIX HP	W0UN (W0UA, op.)	2185260	3514	242	1991
Rocky Mountain	CO	SO SSB QP	KT0DX	262680	1194	110	1998
Rocky Mountain	CO	SO SSB LP	KT0DX	399052	1493	134	2001
Rocky Mountain	CO	SO SSB HP	K0RF (W0UA, op.)	897024	3072	146	1981
Rocky Mountain	NM	SO CW QP	K5AM	278200	650	107	2000
Rocky Mountain	UT	SO CW LP	W7CT	690176	1356	128	2001
Rocky Mountain	NM	SO CW HP	N7DF	973248	1657	148	2001

Rocky Mountain	NM	MS		AA5B	2591058	3710	277	1990	
Southeastern	NFL	SO	MIX	QP	K9OM	786318	1076	221	2002
Southeastern	GA	SO	MIX	LP	W4WA	967434	1320	237	1998
Southeastern	NFL	SO	MIX	HP	WC4E	2574438	3273	277	1999
Southeastern	SFL	SO	SSB	QP	NJ2F	110860	482	115	2002
Southeastern	NFL	SO	SSB	LP	K4XS	815300	2630	155	1999
Southeastern	SFL	SO	SSB	HP	K4XS	1151580	3387	170	1991
Southeastern	GA	SO	CW	QP	K9AY	276860	545	127	2000
Southeastern	WCF	SO	CW	LP	K1TO	1218000	2040	150	2002
Southeastern	GA	SO	CW	HP	W4AN (W4PA, op.)	1400168	2272	154	1999
Southeastern	WCF	MS		NE4AA	2347370	2867	265	2003	
Southwestern	AZ	SO	MIX	QP	N7VY	471618	1035	171	1999
Southwestern	LAX	SO	MIX	LP	K6RO	1015854	1662	201	1999
Southwestern	AZ	SO	MIX	HP	K6LL	2115376	3659	232	1989
Southwestern	ORG	SO	SSB	QP	W7YA	182528	736	124	2001
Southwestern	AZ	SO	SSB	LP	W7ZR	536364	1908	141	2001
Southwestern	AZ	SO	SSB	HP	K6LL	1036766	3436	151	1999
Southwestern	AZ	SO	CW	QP	K7RE	296100	716	105	2001
Southwestern	AZ	SO	CW	LP	K7UAA (N4OGW, op.)	631652	1323	119	1999
Southwestern	ORG	SO	CW	HP	W6EEN (N6RT, op.)	1279016	2155	149	2001
Southwestern	LAX	MS		AE6E	1839096	2734	252	1992	
West Gulf	NTX	SO	MIX	QP	WA8ZBT	432950	887	175	2002
West Gulf	NTX	SO	MIX	LP	WD5K	1157166	1638	243	2002
West Gulf	NTX	SO	MIX	HP	WM5G (KR0Y, op.)	2409462	3244	283	1990
West Gulf	NTX	SO	SSB	QP	K5RX	301630	1090	139	2001
West Gulf	STX	SO	SSB	LP	KE5FI	623100	2077	150	1992
West Gulf	STX	SO	SSB	HP	KZ5MM	1139044	3494	163	1999
West Gulf	STX	SO	CW	QP	KG5U	452200	957	119	2002
West Gulf	OK	SO	CW	LP	NA5B (W5AO, op.)	803400	1545	130	1999
West Gulf	WTX	SO	CW	HP	N5RZ	1349152	2218	152	1999
West Gulf	STX	MS		NX5M	2821728	3295	312	2002	

=====
SECTION RECORDS
=====

Category	Station	Score	QSOs	Mults	Year
Connecticut					
SO MIX QP	KA1CZF	207808	511	136	1991
SO MIX LP	K1RO	1476984	2006	246	2000
SO MIX HP	KQ2M	2747164	3279	287	2000
SO SSB QP	W1/F5MJW (F5MJW, op.)	46872	287	84	2001
SO SSB LP	W3EP	504284	1625	157	2002
SO SSB HP	W1WEP	708192	2459	144	1988
SO CW QP	K1ZE	138180	330	105	2001
SO CW LP	K1EY	419776	937	112	1991
SO CW HP	K1KI	1511048	2461	154	2001
MS	KA1ZD	1902222	2030	279	2002
Eastern Massachusetts					
SO MIX QP	WG1Z	116012	299	97	2000
SO MIX LP	W1MA	649124	1012	194	1999
SO MIX HP	K1VUT	1204610	1746	235	1991
SO SSB QP	K1CGJ	34808	229	76	2002
SO SSB LP	N1SV	388884	1422	138	2001
SO SSB HP	KA1GG	682370	2363	146	1989
SO CW QP	W1MU	120408	349	87	2002
SO CW LP	K1VUT	734944	1359	136	2001

SO CW HP	N1BB (@ K1KP)	893228	1675	133	1998
MS	AA10N	2035638	2283	297	2000
Maine					
SO MIX QP	N1LW	191400	429	150	2002
SO MIX LP	NY18	942920	1288	220	2002
SO MIX HP	W1AO	1225490	1604	245	2002
SO SSB QP	N1LW	66640	340	98	2000
SO SSB LP	N1FJL	363150	807	225	1990
SO SSB HP	NY1E	719968	2417	149	1999
SO CW QP	W4ZGR/1 (W4ZGR, op.)	57600	191	75	1999
SO CW LP	K1JB	558080	1092	128	2001
SO CW HP	W1GF	940800	1688	140	2002
MS	KB1U	926772	1421	238	1990
New Hampshire					
SO MIX QP	K1EPJ	262816	441	172	2001
SO MIX LP	W1HR (K1FWE, op.)	1434720	2023	245	2001
SO MIX HP	K1XX	2193964	2880	269	2002
SO SSB QP	N2PNG	38624	284	68	1992
SO SSB LP	KB1SO	276556	1163	119	1999
SO SSB HP	AK1A	773696	2512	154	1981
SO CW QP	KA1O	277704	608	114	1998
SO CW LP	WE1USA (WA1LNP, op.)	957312	1669	144	2001
SO CW HP	KR1G	1243584	2176	144	2001
MS	KC1XX	3181272	3690	318	2000
Rhode Island					
SO MIX QP	KO1H	19600	124	56	2005
SO MIX LP	W1VET	416368	702	212	2002
SO MIX HP	K1NG (K1IG, op.)	2294668	2934	277	1991
SO SSB QP	KO1H	18480	167	56	2004
SO SSB LP	K1SD	325252	1334	122	1999
SO SSB HP	K1NG (K1IG, op.)	1088850	3111	175	1989
SO CW QP	W1VET	10164	83	33	2005
SO CW LP	KM1X	356616	751	117	1992
SO CW HP	K1AM	1066800	1919	140	2002
MS	K1IG	1176128	1481	272	1999
Vermont					
SO MIX QP	NF3X/1 (NF3X, op.)	11590	88	61	1990
SO MIX LP	WT1L	411086	1052	163	1991
SO MIX HP	N1MEZ	648552	1639	183	1999
SO SSB QP	N1BQ	89024	421	107	2002
SO SSB LP	WB1GUY	96288	472	102	1992
SO SSB HP	WB1GQR (WB2JSJ, op.)	780606	2551	153	1990
SO CW QP	WA1GUV	177632	484	91	1991
SO CW LP	NW18	511056	1013	126	1992
SO CW HP	K2LE	1129536	1788	159	2002
MS	W1PU	1191456	2111	216	2001
Western Massachusetts					
SO MIX QP	----	----	----	----	----
SO MIX LP	KZ1M	1095718	1635	221	1999
SO MIX HP	WA2TSA	1074412	1593	211	1990
SO SSB QP	W1/DK1TM (DK1TM, op.)	12648	108	62	2002
SO SSB LP	KX1X	223002	959	117	2001
SO SSB HP	N1IC	691164	2406	146	2001
SO CW QP	K1MZ	141360	389	93	2002
SO CW LP	K1VUT	873600	1560	140	2000
SO CW HP	NJ1T	754036	1435	131	1992
MS	N2OW	2459744	2453	316	2002
Eastern New York					
SO MIX QP	W2ENY	121412	315	127	2002

SO MIX LP	N2IW	489590	801	173	2001
SO MIX HP	W2RE	2347776	2745	288	2002
SO SSB QP	AB2IW	95256	441	108	2001
SO SSB LP	WA2EOV	191436	742	129	1990
SO SSB HP	N2BJ	575736	1932	149	1988
SO CW QP	K2DW	155588	399	97	1999
SO CW LP	K2UF	396552	806	123	2000
SO CW HP	WB2Q	1099000	1741	157	1989
MS	N2IX	2041170	2407	285	2000
New York City - Long Island					
SO MIX QP	WB2AMU	234432	456	148	2001
SO MIX LP	KD2RD	1110112	1571	226	2001
SO MIX HP	K2LE	1182384	1464	252	1998
SO SSB QP	NY6DX	88000	400	110	2000
SO SSB LP	N2NB	744432	2402	156	2001
SO SSB HP	WM2V	330720	1272	130	1998
SO CW QP	WO2N	232288	488	119	2000
SO CW LP	N2GA	440440	1010	110	2001
SO CW HP	N2GC	538112	1051	128	2000
MS	K2MT	1130766	1558	273	1992
Northern New Jersey					
SO MIX QP	AA2U	593880	958	204	1990
SO MIX LP	NA2U	1189524	1498	238	2000
SO MIX HP	K5KG	1519000	2060	245	1999
SO SSB QP	N2NHN	112860	513	110	2000
SO SSB LP	N2CEI	286440	1085	132	1992
SO SSB HP	N2EOC	436712	1404	158	2002
SO CW QP	KR2Q	401236	825	121	1999
SO CW LP	NA2U	550952	1126	122	1999
SO CW HP	K22S	718812	1449	123	1988
MS	N2NT	3023542	3064	311	2002
Northern New York					
SO MIX QP	N2JNZ	8464	71	46	2000
SO MIX LP	NS2P	214266	876	123	2001
SO MIX HP	W2ZZ	15984	142	37	1996
SO SSB QP	N2JNZ	21970	169	65	1999
SO SSB LP	NS2P	207872	816	128	2002
SO SSB HP	----	----	----	----	----
SO CW QP	W22T	63960	244	65	1999
SO CW LP	W2IB	76608	239	84	2002
SO CW HP	----	----	----	----	----
MS	W2AU	140656	403	118	2005
Southern New Jersey					
SO MIX QP	W2MF	44574	235	69	2008
SO MIX LP	K2FS	917994	1282	231	2002
SO MIX HP	N2AA	1411732	1871	254	1988
SO SSB QP	W2MF	46400	295	80	2005
SO SSB LP	KK2ED	359452	1231	146	2000
SO SSB HP	N2RM	414352	1786	116	1993
SO CW QP	N2CQ	119504	308	97	2000
SO CW LP	WK2G	532704	1069	124	1999
SO CW HP	K22S	1056760	1819	145	1989
MS	KD2I	1826720	2486	280	1999
Western New York					
SO MIX QP	N2CU	369472	627	184	2001
SO MIX LP	N2WK	852380	1170	230	2001
SO MIX HP	N2PP	1859034	2322	249	2001
SO SSB QP	N2XT	62790	299	105	2002
SO SSB LP	K2LV	252576	881	144	2002
SO SSB HP	WS2W	453604	1502	151	1989

SO CW QP	K2SM	180940	415	109	2000
SO CW LP	KW2J	400256	848	118	1999
SO CW HP	K2FU	817068	1501	137	2002
MS	W6XR	1466672	1965	248	1999
Delaware					
SO MIX QP	W3FP	365928	633	193	2000
SO MIX LP	NY3C	312912	698	159	2000
SO MIX HP	K83F	1294020	2083	234	1990
SO SSB QP	N3ELK	61000	244	125	2000
SO SSB LP	NW3Y	176870	769	115	1991
SO SSB HP	AC3T (KA3B, op.)	532730	1837	145	1989
SO CW QP	N8NA	100920	301	83	1991
SO CW LP	W3FP	889088	1480	151	2002
SO CW HP	K3HBP	257040	590	108	1989
MS	W3FP	2619264	2941	304	1999
Eastern Pennsylvania					
SO MIX QP	WT3W	288144	549	174	2000
SO MIX LP	WB3E	600644	1156	187	1992
SO MIX HP	NW3B	1909476	2539	261	1990
SO SSB QP	NY3Y	99440	452	110	1992
SO SSB LP	N3FOG	129600	675	96	1990
SO SSB HP	N3ADL (KY3N, op.)	584688	1874	156	1992
SO CW QP	K3SV	214704	494	108	1999
SO CW LP	NY3A	732028	1408	131	2001
SO CW HP	AA3TT	783024	1479	132	1999
MS	WF3T	1726980	2049	269	1998
Maryland - District of Columbia					
SO MIX QP	K3TW	348880	628	178	2002
SO MIX LP	A13M	693108	934	234	2002
SO MIX HP	W2GG	2430912	3367	264	2000
SO SSB QP	W6AXX	75384	349	108	1992
SO SSB LP	KT3RR	334788	1218	138	2001
SO SSB HP	W3LEL (WA8MAZ, op.)	749176	2531	148	1988
SO CW QP	K3TW	131532	339	97	2000
SO CW LP	W3CB	438872	928	119	2001
SO CW HP	KD4D (@ N3HBX)	1191508	2158	139	2002
MS	K3MM	3225792	3205	317	1999
Western Pennsylvania					
SO MIX QP	W3AG	2720	38	20	2006
SO MIX LP	WO3E	375100	634	165	2002
SO MIX HP	WE3C	1119024	1700	227	1991
SO SSB QP	WB0IWG	58696	322	92	2002
SO SSB LP	K3CR (N3PBQ, op.)	95188	449	106	1998
SO SSB HP	NW3C	531288	1692	157	1992
SO CW QP	K3WWP	119064	361	82	1999
SO CW LP	WW3S	494832	1016	122	2002
SO CW HP	K3CR (LZ4AX, op.)	1232160	2050	151	2002
MS	K3LR	2259000	2764	300	1992
Alabama					
SO MIX QP	W4DEC	365904	714	168	1999
SO MIX LP	AA4UF	355072	628	152	1992
SO MIX HP	K4AB	1767532	2306	247	2001
SO SSB QP	KE4BF	21600	153	72	2001
SO SSB LP	K4XDX	340824	1305	132	2001
SO SSB HP	K4WI	793408	2479	161	2002
SO CW QP	K4NA	76788	235	81	1998
SO CW LP	KU0C	543840	1029	132	1998
SO CW HP	NB9P	575064	1141	126	1991
MS	K4WI	1470696	2305	263	2001

Georgia						
SO MIX QP	WB6BWZ	78698	242	109	2002	
SO MIX LP	W4WA	967434	1320	237	1998	
SO MIX HP	K4JFD (KM9P, op.)	1571094	2167	259	1988	
SO SSB QP	N4VYZ	86108	418	103	1990	
SO SSB LP	NH6SR	163508	997	82	1993	
SO SSB HP	W4DD	629700	2105	150	2002	
SO CW QP	K9AY	276860	545	127	2000	
SO CW LP	N4FN	877200	1472	150	2002	
SO CW HP	W4AN (W4PA, op.)	1400168	2272	154	1999	
MS	W4KZ	2344216	2467	287	2000	
Kentucky						
SO MIX QP	KU4A	3944	68	17	2008	
SO MIX LP	K4IE	285120	529	180	2001	
SO MIX HP	NV4H	572520	1027	195	1991	
SO SSB QP	KE4T2J	9718	117	43	2001	
SO SSB LP	W4LC	137456	484	142	1999	
SO SSB HP	WA4QQV	466752	1496	156	1990	
SO CW QP	K4AT	35860	161	55	1998	
SO CW LP	K4AO	670208	1232	136	2000	
SO CW HP	N4AR	926640	1711	136	1990	
MS	N4GN	2491904	2595	314	2002	
North Carolina						
SO MIX QP	K4CIA	168542	325	163	2002	
SO MIX LP	K4MA	1150264	1573	236	1999	
SO MIX HP	N42C (K4ZA, op.)	1842650	2284	269	1999	
SO SSB QP	NX9T	153000	615	125	2002	
SO SSB LP	KU4BP	241564	922	131	2000	
SO SSB HP	W42V	1090726	3227	169	1999	
SO CW QP	N4IJ	271400	583	118	2002	
SO CW LP	N4MO	564432	1069	132	2000	
SO CW HP	W42V	1433952	2300	156	2000	
MS	W4MR	2115564	2420	282	2001	
Northern Florida						
SO MIX QP	K9OM	786318	1076	221	2002	
SO MIX LP	KB4N	579744	909	198	2002	
SO MIX HP	WC4E	2574438	3273	277	1999	
SO SSB QP	KQ4YY	47850	283	87	2001	
SO SSB LP	K4XS	815300	2630	155	1999	
SO SSB HP	K4XS	1012742	2927	173	1992	
SO CW QP	AA4W	155200	396	97	1991	
SO CW LP	WC4E	676992	1310	129	1991	
SO CW HP	WC4E	735584	1448	127	1988	
MS	NU4Y	1120692	2281	183	1993	
South Carolina						
SO MIX QP	KG4IGC	8968	71	38	2006	
SO MIX LP	W4MEL	247608	611	171	2002	
SO MIX HP	K0EJ	713856	1452	192	1989	
SO SSB QP	KR1ST	37128	226	84	2002	
SO SSB LP	KS4YX	82818	387	107	1999	
SO SSB HP	W2JJC	437320	1683	130	2000	
SO CW QP	K4CNW	52704	184	72	2003	
SO CW LP	AF4OX	479500	959	125	2000	
SO CW HP	AA4NN	382592	854	112	2000	
MS	N4UK	2765094	3051	321	1999	
Southern Florida						
SO MIX QP	NA4CW	609960	873	221	2002	
SO MIX LP	AJ4Y	909130	1318	229	1999	
SO MIX HP	K1PT	1505204	1939	254	1998	
SO SSB QP	NJ2F	110860	482	115	2002	

SO SSB LP	K4VUD	438396	2149	102	1993
SO SSB HP	K4XS	1151580	3387	170	1991
SO CW QP	W4FMS	168780	485	87	2000
SO CW LP	WD4AHZ	732536	1433	127	1999
SO CW HP	N2NL	1382320	2349	148	2002
MS	K1PT	1831676	2322	266	2001
Tennessee					
SO MIX QP	WD4OHD	84180	268	115	1992
SO MIX LP	N4ZI	1178332	1663	223	1999
SO MIX HP	K4WX	2019624	2691	258	2002
SO SSB QP	W4TD	111720	493	114	2001
SO SSB LP	NY4T	281792	960	148	2002
SO SSB HP	K4JNY	723384	2365	153	1999
SO CW QP	K4EQ	121452	352	87	2001
SO CW LP	N4ZI	802788	1524	133	2001
SO CW HP	N4ZZ	1114260	1096	147	2000
MS	W4CAT	1155138	1679	237	2001
Virginia					
SO MIX QP	KA4RRU	37400	195	68	1994
SO MIX LP	W0YR	1295152	1849	244	2002
SO MIX HP	W4MYA	2087784	2566	271	2000
SO SSB QP	KC4ATU	26208	173	78	2002
SO SSB LP	N4MM	174220	562	155	2002
SO SSB HP	KX3Q	723240	2460	147	1989
SO CW QP	N4ROA	163944	410	99	1999
SO CW LP	K3FT	496296	1112	113	2002
SO CW HP	W3BP	891480	1632	138	2002
MS	K1SE	2498600	2411	325	2002
West Central Florida					
SO MIX QP	N2UM	25216	127	64	2003
SO MIX LP	N4IG	960500	1248	226	2002
SO MIX HP	WC4E	2472804	2986	298	2000
SO SSB QP	K4LOG	105728	477	112	2002
SO SSB LP	K4FB	252852	1108	114	2000
SO SSB HP	K4XS	1003932	3180	158	2000
SO CW QP	N2UM	24360	112	58	2002
SO CW LP	K1TO	1218000	2040	150	2002
SO CW HP	K4OJ	905960	1595	142	2000
MS	NE4AA	2347370	2867	265	2003
Arkansas					
SO MIX QP	AD5YU	4200	57	20	2008
SO MIX LP	W5MR	559136	930	202	2002
SO MIX HP	K5HYB	339528	722	141	1993
SO SSB QP	AA5GY	190372	613	122	1991
SO SSB LP	AA5GY	277290	1027	135	1992
SO SSB HP	W5YM (AC5RR, op.)	644126	2317	139	1999
SO CW QP	KJ5WX	29256	139	53	2002
SO CW LP	W5ZK	22200	119	50	2002
SO CW HP	KM5G	1137192	1955	147	2002
MS	K5GO	1849752	2073	276	2000
Louisiana					
SO MIX QP	N5IB	109140	308	102	1999
SO MIX LP	N800	1280052	1787	222	1999
SO MIX HP	W5WMU (KZ5D, op.)	2334002	3005	277	1999
SO SSB QP	W5CTV	468	18	13	1998
SO SSB LP	AA5FJ	347328	1294	134	1999
SO SSB HP	WB5SKQ	469910	1715	137	1981
SO CW QP	KC5R	33792	259	33	2007
SO CW LP	N8RR	641604	1261	127	1991
SO CW HP	N8RR	1116192	1847	151	1999

MS	W5WMU	1872996	2765	254	1990
Mississippi					
SO MIX QP	----	----	----	----	----
SO MIX LP	WQ5L	498996	918	166	2003
SO MIX HP	W5XX	1293248	1776	242	2001
SO SSB QP	K2FF	53100	295	90	1998
SO SSB LP	N5KGY	159608	562	142	2002
SO SSB HP	N5OVV	233006	1031	113	1989
SO CW QP	KT0P/5 (KT0P, op.)	1144	22	13	1993
SO CW LP	N5UE	55480	189	73	1998
SO CW HP	WQ5L	246272	589	104	1988
MS	K5MDX	2195560	2996	262	1999
New Mexico					
SO MIX QP	K5IID	448938	1208	147	1992
SO MIX LP	KA5FSB	276408	1378	99	1991
SO MIX HP	K7UP	1199862	2134	191	1991
SO SSB QP	W5GZ	57876	323	91	2002
SO SSB LP	N5JHV	297424	1282	116	1991
SO SSB HP	K5AM	823884	2903	142	1999
SO CW QP	K5AM	278200	650	107	2000
SO CW LP	NC5O	349856	828	104	1999
SO CW HP	N7DF	973248	1657	148	2001
MS	AA5B	2591058	3710	277	1990
North Texas					
SO MIX QP	WA8ZBT	432950	887	175	2002
SO MIX LP	WD5K	1157166	1638	243	2002
SO MIX HP	WM5G (KR0Y, op.)	2409462	3244	283	1990
SO SSB QP	K5RX	301630	1090	139	2001
SO SSB LP	KY5N	375970	1435	131	1990
SO SSB HP	WB5VZL (@ N5AU)	931158	3043	153	1991
SO CW QP	K5WO	350060	775	115	2001
SO CW LP	WQ5W	715140	1312	137	2001
SO CW HP	K5NW	707584	1377	128	1989
MS	N5YA	2337600	2674	300	2001
Oklahoma					
SO MIX QP	WD5AGO	2700	47	25	2003
SO MIX LP	NE0P	527022	844	207	2002
SO MIX HP	N5CG	1038280	1771	202	1990
SO SSB QP	KE5TC	1148	41	14	1997
SO SSB LP	WD9DSD	198848	956	104	1990
SO SSB HP	KB5BOB	388616	1567	124	1999
SO CW QP	AB5ZA	49060	222	55	2002
SO CW LP	NA5B (W5AO, op.)	803400	1545	130	1999
SO CW HP	K2BA	987280	1777	140	2002
MS	N5OT	2318676	2957	271	2002
South Texas					
SO MIX QP	KG5U	398424	726	156	1998
SO MIX LP	KF5AA	668268	1283	171	1992
SO MIX HP	N5LZ	1700460	2325	235	1999
SO SSB QP	KA5VDX	27156	219	62	1990
SO SSB LP	KE5FI	623100	2077	150	1992
SO SSB HP	KZ5MM	1139044	3494	163	1999
SO CW QP	KG5U	452200	957	119	2002
SO CW LP	K58Z (K5NU, op.)	757188	1524	123	1998
SO CW HP	W5KFT (K5PI, op.)	1191664	2107	142	2002
MS	NX5M	2821728	3295	312	2002
West Texas					
SO MIX QP	K5ED	28620	195	54	1994
SO MIX LP	W52o	807128	1232	203	1999

SO MIX HP	WF5E	1035048	1808	202	1990
SO SSB QP	----	----	----	----	----
SO SSB LP	KE5OG	206640	860	120	1999
SO SSB HP	W5KFT	740388	2607	142	1991
SO CW QP	WR50	31536	148	54	2001
SO CW LP	N5DO	684472	1277	134	2000
SO CW HP	N5RZ	1349152	2218	152	1999
MS	N5RZ	504792	1123	164	1991
East Bay					
SO MIX QP	NGWG	69750	276	75	2006
SO MIX LP	W6GKF	482484	765	186	1999
SO MIX HP	N6RO	1813222	2686	229	2002
SO SSB QP	----	----	----	----	----
SO SSB LP	WA1HFN	184800	825	112	1990
SO SSB HP	WB6ZEP	315524	1582	101	1981
SO CW QP	W6OA	203276	584	89	2002
SO CW LP	W7DR	264508	740	89	2002
SO CW HP	WA6O	835128	1669	126	2001
MS	K6OYE	405316	1894	107	1979
Los Angeles					
SO MIX QP	WGAQ	135240	391	105	2003
SO MIX LP	K6RO	1015854	1662	201	1999
SO MIX HP	K6LA	1505180	2235	233	1999
SO SSB QP	WGCN	38400	256	75	1990
SO SSB LP	WGAFA	304448	1136	134	2001
SO SSB HP	KM6B	386232	1694	114	1981
SO CW QP	W6BIV	138976	412	86	2001
SO CW LP	K66ERO	348140	856	103	2002
SO CW HP	WB6HEU	615468	1287	119	1989
MS	AE6E	1839096	2734	252	1992
Orange					
SO MIX QP	K6JCV	121856	349	119	1994
SO MIX LP	AA6PW	960400	1588	196	2001
SO MIX HP	K6AM	2053558	2743	247	2001
SO SSB QP	W7YA	182528	736	124	2001
SO SSB LP	AC6WD	203200	1016	100	1998
SO SSB HP	N6BK	584000	2336	125	1981
SO CW QP	K6HRT	63248	236	67	2000
SO CW LP	W6KK	382720	933	104	2001
SO CW HP	W6EEN (N6RT, op.)	1279016	2155	149	2001
MS	K6VI	763200	1454	200	1992
Pacific					
SO MIX QP	NH6NZ	13300	82	70	1992
SO MIX LP	NH6ZA	412012	977	146	1992
SO MIX HP	KH7X (KH6ND @ KH7R)	2522160	4061	226	2002
SO SSB QP	KH6CDO	7200	90	40	1998
SO SSB LP	KH6GMP	321776	1547	104	1991
SO SSB HP	K6GSS/KH6 (K6GSS, op.)	614196	2538	121	1990
SO CW QP	----	----	----	----	----
SO CW LP	KH6NF (KH6SH, op.)	86848	369	59	2004
SO CW HP	KH6ND	1303680	2328	140	2000
MS	KH7R	2730060	3865	261	1998
Santa Barbara					
SO MIX QP	WA6FGV	326928	642	147	1999
SO MIX LP	WGAB (N6GC, op.)	541266	1184	177	1992
SO MIX HP	K2KW	1478150	2112	235	2002
SO SSB QP	KF6NNX	4092	62	33	1998
SO SSB LP	WA6FGV	221958	1121	99	1990
SO SSB HP	WB6L	323046	1241	131	2001
SO CW QP	WGWQC	41976	157	66	2000

SO CW LP	W6BKY	124470	403	77	1990
SO CW HP	N6BT (K2KW, op.)	913376	1670	136	1999
MS	W6AB	608580	1245	189	1991
Santa Clara Valley					
SO MIX QP	K6XX	565060	936	190	2001
SO MIX LP	NU6S	949248	1582	192	2002
SO MIX HP	K6XX	1576208	2469	232	2002
SO SSB QP	K6HNZ	24436	298	41	1995
SO SSB LP	K6KLY	117694	711	83	2002
SO SSB HP	N6NV	922636	3226	143	1990
SO CW QP	K6III	159488	445	89	1999
SO CW LP	N6NF	246080	774	80	2002
SO CW HP	K8PO	839016	1644	129	2001
MS	W6YX	2002932	2791	246	2000
San Diego					
SO MIX QP	W8QZA	105000	333	100	1991
SO MIX LP	K6AM	918760	1410	206	1999
SO MIX HP	W6UQF	788296	1130	211	1989
SO SSB QP	W6QU (W8QZA, op.)	71820	402	90	2001
SO SSB LP	KD6LNY	131456	832	79	1993
SO SSB HP	K6JYO (WB6OKK, op.)	784168	2926	134	1991
SO CW QP	W6QU (W8QZA, op.)	49980	247	51	2005
SO CW LP	N6NO	186784	449	104	2002
SO CW HP	N6ND	594360	1270	117	1990
MS	N6ND	1511640	2618	234	1988
San Francisco					
SO MIX QP	N6KM	24444	125	63	2001
SO MIX LP	N6ZFO	305800	709	139	2002
SO MIX HP	NM6E	526932	1181	153	2002
SO SSB QP	----	----	----	----	----
SO SSB LP	KC6AWX	238876	988	122	2001
SO SSB HP	K6ANP	210432	1096	96	1980
SO CW QP	W6JTI	338360	770	110	2001
SO CW LP	AD6TF	219648	639	88	2001
SO CW HP	KD6GC	130572	382	81	1988
MS	K6RIM	489300	905	175	2002
San Joaquin Valley					
SO MIX QP	N6MU	884510	1336	215	2000
SO MIX LP	NT6K	834552	1569	173	2002
SO MIX HP	KA6BIM	1133528	1942	242	2001
SO SSB QP	AA6R	18360	153	60	2002
SO SSB LP	N6IIU	302400	1209	126	2002
SO SSB HP	NN6NN (W6XK, op.)	607464	2596	117	1999
SO CW QP	K6MI	16000	100	40	1998
SO CW LP	NI6G	396396	1006	99	2002
SO CW HP	N6MU (@ N6NB)	816916	1563	131	2002
MS	NM6R	774400	1830	160	1998
Sacramento Valley					
SO MIX QP	WN6HYX	54896	214	73	1998
SO MIX LP	W6UT	989380	1602	191	1999
SO MIX HP	W1FEA	1457806	2655	217	1991
SO SSB QP	WR6WR (N6WR, op.)	64428	413	78	2002
SO SSB LP	K6KAY	561660	2442	115	1999
SO SSB HP	K3EST	1010070	3483	145	1989
SO CW QP	W6EU	61320	213	73	2001
SO CW LP	N6JV	405840	883	114	1999
SO CW HP	K6KM (K6AW, op.)	992520	1839	135	1999
MS	N6IG	2070774	2698	261	2000
Alaska					

SO MIX QP	KL7H	1872	34	24	1998
SO MIX LP	KL7Y	425020	892	158	2001
SO MIX HP	NL7GP	1878484	2918	251	1988
SO SSB QP	NL7PJ	8820	98	45	1990
SO SSB LP	KL7FAP	257136	1470	88	2001
SO SSB HP	KL7RA	913640	3514	130	1989
SO CW QP	NL7YL	35600	177	50	1991
SO CW LP	AL7IF	235832	716	82	1999
SO CW HP	NL7GP	805088	1526	139	1989
MS	KL7RA	1978636	3044	233	2001
Arizona					
SO MIX QP	N7VY	471618	1035	171	1999
SO MIX LP	KN7Y	840160	1658	178	1999
SO MIX HP	K6LL	2115376	3659	232	1989
SO SSB QP	WB7B	73800	369	100	1991
SO SSB LP	W7ZR	536364	1908	141	2001
SO SSB HP	K6LL	1036766	3436	151	1999
SO CW QP	K7RE	296100	716	105	2001
SO CW LP	K7UAZ (N4OGW, op.)	631652	1323	119	1999
SO CW HP	N7KU (NJ6D, op.)	1087720	1949	142	2001
MS	N7KU	1511712	2351	232	1999
Eastern Washington					
SO MIX QP	K7FR	21840	182	40	1994
SO MIX LP	W9LT	607680	1282	160	2000
SO MIX HP	W1TR	285120	703	132	1990
SO SSB QP	N7RWH	76196	443	86	1991
SO SSB LP	N7BES	405444	1794	113	2002
SO SSB HP	N7BES	257040	1512	85	2000
SO CW QP	K7MM	309872	730	107	2001
SO CW LP	W7WMO	221676	642	87	2002
SO CW HP	K87V	152144	502	74	1990
MS	WA7EGA	1657044	2649	229	1991
Idaho					
SO MIX QP	KK7A	11528	81	44	2003
SO MIX LP	W7UQ (KL9A, op.)	1359150	2116	221	2001
SO MIX HP	K7LR	758910	3079	123	1979
SO SSB QP	----	----	----	----	----
SO SSB LP	K7ZO	200640	1045	96	1999
SO SSB HP	W27J	507662	2353	127	1989
SO CW QP	KK7A	14000	100	35	2001
SO CW LP	KA7T	423292	989	107	1999
SO CW HP	K7NHV	306240	1341	100	1980
MS	KJ7TH	467556	1644	141	2002
Montana					
SO MIX QP	KL7FDQ	7304	64	44	2002
SO MIX LP	K7PGL	502336	1250	167	2002
SO MIX HP	K0PP/7 (K0PP, op.)	1181664	2551	176	1991
SO SSB QP	AC7GM	1334	29	23	2002
SO SSB LP	KC7NX	255730	1195	107	1991
SO SSB HP	KC7UO	456576	1856	123	1990
SO CW QP	N7YY	16132	115	37	2003
SO CW LP	AA7BG	355308	1014	87	1991
SO CW HP	K7BG	1004948	1880	133	1999
MS	WT6G	1606706	2384	227	2000
Nevada					
SO MIX QP	W1RO	28832	179	53	2001
SO MIX LP	NC7K	277840	613	151	1992
SO MIX HP	NC7K	682512	1344	177	1988
SO SSB QP	----	----	----	----	----
SO SSB LP	N5PLF	105264	612	86	1991

SO SSB HP	ND7M	488640	2036	120	1988
SO CW QF	KU7Y	222604	548	101	1999
SO CW LF	N7YK	344000	860	100	1998
SO CW HF	K7GJ (K5RC, cp.)	937916	1751	133	1999
MS	NV/A	1958220	2608	253	2001
Oregon					
SO MIX QP	W7AY	209664	524	128	2002
SO MIX LP	KQ7I	905886	1608	177	1991
SO MIX HP	K7MI	1735284	2573	246	2001
SO SSB QP	VK4WLM/W7 (VK4WLM, op.)	27068	202	67	1999
SO SSB LP	WA7EQW	484120	1821	133	1999
SO SSB HP	W7EJ	837380	2818	149	2001
SO CW QF	N7OU	362792	095	101	2001
SO CW LF	N7OU	604440	1314	115	1999
SO CW HF	KA7V	385548	1083	89	1998
MS	AI7B	2024330	3454	239	1989
Utah					
SO MIX QP	WA7LNW	367812	718	153	2001
SO MIX LP	WA7YAZ	422280	1038	153	2002
SO MIX HP	W7UT	1526800	1682	275	2002
SO SSB QP	----	----	----	----	----
SO SSB LP	KA2BIG	112860	594	95	1999
SO SSB HP	N7DF	603806	2537	119	1980
SO CW QF	NC7J	147752	515	73	2002
SO CW LF	W/CT	690176	1356	128	2001
SO CW HF	W7UT	808896	1541	132	2001
MS	KO7X	1081530	1943	197	1998
Western Washington					
SO MIX QP	NX7K	295274	603	161	1999
SO MIX LP	K7SS	1183084	1913	217	2002
SO MIX HP	N/LOX	1381856	2188	217	2001
SO SSB QP	W7PE	136348	766	89	2001
SO SSB LP	KR7L	307800	1539	100	1991
SO SSB HP	W7WA	965850	3525	137	1991
SO CW QF	N0AX	302976	786	96	1991
SO CW LF	N7EPD	478848	1020	116	1999
SO CW HF	K7QQ	884000	1639	136	2001
MS	W7XR	2216160	3059	285	1990
Wyoming					
SO MIX QP	WC7S	83472	312	74	2002
SO MIX LP	N7GVV	330454	1274	127	1990
SO MIX HP	WC7S	1047072	2037	208	1991
SO SSB QP	N7JT	16750	125	67	2001
SO SSB LP	WG7Y	280194	1153	123	2002
SO SSB HP	WB7RGN	240960	1255	96	1980
SO CW QF	AC7AF	60928	271	56	2001
SO CW LF	WC7S	178464	507	88	2000
SO CW HF	K7MM	622856	1378	113	1991
MS	K7MM	581440	1340	158	1990
Michigan					
SO MIX QP	NM8X	267840	606	143	1990
SO MIX LP	WD0DUO	372552	707	172	1992
SO MIX HP	ND5S	1092192	1295	248	2002
SO SSB QP	N8NAH	36960	280	66	1992
SO SSB LP	KC8JUZ	168300	862	102	2002
SO SSB HP	K8CC (N8NX, cp.)	640920	2180	147	2000
SO CW QF	N8AP	195168	453	107	1999
SO CW LF	W8MJ	683008	1348	128	2001
SO CW HF	N8EA	652764	1234	133	2001
MS	AA8U	2500238	2867	299	1999

Ohio						
SO MIX QP	WA9RCN	405594	693	199	2000	
SO MIX LP	KU8E	935532	1283	234	1999	
SO MIX HP	N9AG	1852956	2207	266	2002	
SO SSB QP	N8MWF	75030	305	123	1999	
SO SSB LP	W8DD	362768	1153	158	2002	
SO SSB HP	KW8N (NZ4K, op.)	718320	2190	164	1989	
SO CW QP	W8VE	140980	377	95	2002	
SO CW LP	N8BJQ	484652	908	133	1998	
SO CW HP	K8AZ (K8NZ, op.)	1311200	2200	149	1999	
MS	K8AZ	2020304	2390	286	1998	
West Virginia						
SO MIX QP	K5IID	98010	320	99	1997	
SO MIX LP	N8II	1358104	1688	253	2002	
SO MIX HP	N4ZR	1667250	2029	247	2001	
SO SSB QP	NF3X/8 (NF3X, op.)	5800	58	50	1991	
SO SSB LP	N4SEA	157440	640	123	1999	
SO SSB HP	K3ZT	683400	2550	134	1989	
SO CW QP	WA8WV	213344	460	118	2002	
SO CW LP	N8II	622512	1186	131	1999	
SO CW HP	N8II	857788	1634	131	1988	
MS	W8ZA	892700	1317	226	2000	
Illinois						
SO MIX QP	K99X	886650	1064	257	2001	
SO MIX LP	K99X	1327104	1649	256	2000	
SO MIX HP	K9XD (K9PG, op.)	1646054	2202	271	2000	
SO SSB QP	N9KAH	26334	209	63	1990	
SO SSB LP	W9XG (K2DRH, op.)	447552	1563	144	2001	
SO SSB HP	W99Z	915936	2738	168	2002	
SO CW QP	N9UC (W09S, op.)	213796	473	113	2000	
SO CW LP	K9QVB	736560	1404	132	2002	
SO CW HP	K9BGL	1062144	1851	144	2002	
MS	K9NS	2813658	3277	303	2000	
Indiana						
SO MIX QP	K89ABI	81198	275	117	1992	
SO MIX LP	K19C	914368	1138	224	2001	
SO MIX HP	W9RE	2564592	3149	276	2002	
SO SSB QP	N9LF	20992	164	64	2001	
SO SSB LP	N9NGG	121158	477	127	2001	
SO SSB HP	W9RE	918390	2783	165	1989	
SO CW QP	K8JP	114460	295	97	2000	
SO CW LP	KJ9C	436772	823	133	2002	
SO CW HP	N9RV	1188616	2091	143	2002	
MS	N9RV	2533496	2909	281	2001	
Wisconsin						
SO MIX QP	N9NE	181742	436	121	1998	
SO MIX LP	WE9V	1520610	1844	273	2001	
SO MIX HP	W9XT	1609080	2061	265	2002	
SO SSB QP	KD9DX	2548	49	26	1997	
SO SSB LP	NE9U	316470	1161	137	2001	
SO SSB HP	KS9K (WE9V, op.)	860152	2722	158	1991	
SO CW QP	N9NE	339040	656	130	2001	
SO CW LP	KM0O	718640	1394	130	2002	
SO CW HP	KB9S	1012944	1796	141	1999	
MS	W0ATH	2396672	2845	302	2001	
Colorado						
SO MIX QP	N0KE	615832	1005	196	2001	
SO MIX LP	K0ZV	926816	1526	176	1999	
SO MIX HP	W0UN (W0UA, op.)	2185260	3514	242	1991	

SO SSB QP	KT0DX	262680	1194	110	1998
SO SSB LP	KT0DX	399052	1493	134	2001
SO SSB HP	K0RF (W0UA, op.)	897024	3072	146	1981
SO CW QP	N3SL/0 (N3SL, op.)	255732	625	101	1991
SO CW LP	W2FV/0 (W2FV, op.)	471744	1080	108	1991
SO CW HP	N2WW	946620	1770	135	2001
MS	KV0Q	2515716	3017	298	2001
Iowa					
SO MIX QP	N0NI	48690	338	45	2007
SO MIX LP	NU0Q	296784	556	162	1999
SO MIX HP	N0NI	442470	1002	147	2004
SO SSB QP	WA0VBW	96030	495	97	1990
SO SSB LP	N0AIE	106700	550	97	1998
SO SSB HP	W0ETC	690384	2288	152	2001
SO CW QP	N0NI	39744	209	48	2006
SO CW LP	KB0JSH	251328	632	102	2001
SO CW HP	N0DY	957264	1638	147	2002
MS	N0NI	1600560	1963	260	1998
Kansas					
SO MIX QP	WB0YJT	101926	389	113	1998
SO MIX LP	K0WA	478850	1050	157	2000
SO MIX HP	KB0G	813856	1056	232	1989
SO SSB QP	NOVMW	29436	223	66	2002
SO SSB LP	KR0SS	143424	996	72	1997
SO SSB HP	N0XA	748340	2414	155	1989
SO CW QP	K0WA	143080	373	98	2001
SO CW LP	KI6DY	168000	497	84	1999
SO CW HP	KG0UA	247244	549	113	2001
MS	K0GY	1719990	2182	261	1999
Minnesota					
SO MIX QP	K0PC	376872	666	164	2002
SO MIX LP	N0AT	1351336	1869	236	2001
SO MIX HP	K0SR	1743488	2169	257	2002
SO SSB QP	WA0VBW	168990	645	131	2001
SO SSB LP	AC0W	472472	1657	143	2001
SO SSB HP	K0TT	588760	1485	164	1993
SO CW QP	N0UR	385728	793	123	2001
SO CW LP	K0SR	809360	1509	134	1999
SO CW HP	K0SR	993524	1830	137	2001
MS	KR0B	1719648	2379	252	2001
Missouri					
SO MIX QP	K0OU	396100	716	170	2000
SO MIX LP	AE9B	935088	1502	231	2001
SO MIX HP	W00G	2142942	2789	267	1990
SO SSB QP	WA0FQK	7752	114	34	1997
SO SSB LP	K0HOF	203856	823	124	1999
SO SSB HP	NX0I	525504	1348	168	1993
SO CW QP	NOSS	56736	198	72	2001
SO CW LP	K0RWL	392940	885	111	1991
SO CW HP	K2VV	1344440	2328	145	2001
MS	KA0GGI	1036350	1296	245	2002
Nebraska					
SO MIX QP	----	----	----	----	----
SO MIX LP	KT0K	845012	1308	206	2001
SO MIX HP	KV0I	977776	2033	184	1990
SO SSB QP	WA0VBW	9360	117	40	1992
SO SSB LP	K0GND	145728	736	99	1998
SO SSB HP	W6SSC	357120	1395	128	1981
SO CW QP	----	----	----	----	----
SO CW LP	KT0K	608256	1158	132	2002

SO CW HP	WNOL	182856	415	114	2001
MS	KODI	1227996	1634	231	2000
North Dakota					
SO MIX QP	WCOG	9512	107	41	2001
SO MIX LP	K0UD	252960	894	136	2001
SO MIX HP	WB00	1613988	2737	214	1998
SO SSB QP	K9TUA	3640	70	26	2000
SO SSB LP	K0UD	101388	497	102	2000
SO SSB HP	AK0T	327420	1605	102	1981
SO CW QP	----	----	----	----	----
SO CW LP	K0VX	216360	601	90	2000
SO CW HP	WB00	901016	1690	134	2001
MS	N0HJF	168098	893	93	1989
South Dakota					
SO MIX QP	K0HW	48248	224	74	2005
SO MIX LP	K7RE	622836	1319	158	2002
SO MIX HP	W0SD (W0DB, op.)	1725498	2388	257	2000
SO SSB QP	K0HW	5150	104	25	2008
SO SSB LP	WBOULX	76518	353	109	2001
SO SSB HP	W0SD	854772	3097	138	1999
SO CW QP	K0HW	14720	116	32	2006
SO CW LP	K0FRM	178560	616	72	1991
SO CW HP	W0SD (W0DB, op.)	1237236	2173	143	2001
MS	KD0S	2001408	2872	256	2002
Maritimes					
SO MIX QP	VY20X	181152	432	136	1992
SO MIX LP	VY2TT (K6LA, op.)	1884420	2336	261	2002
SO MIX HP	VE10P	1594104	2017	254	2001
SO SSB QP	----	----	----	----	----
SO SSB LP	VY2SS	419552	1873	112	1991
SO SSB HP	VE1YX	978930	3285	149	1982
SO CW QP	----	----	----	----	----
SO CW LP	X01XX (V01MP, op.)	547384	1290	106	1991
SO CW HP	V01MP	744500	1484	125	1989
MS	VE10P	1517472	1829	264	2002
Newfoundland/Labrador					
SO MIX QP	----	----	----	----	----
SO MIX LP	V01WET	351654	1343	129	1999
SO MIX HP	V01WET	797964	2203	174	2000
SO SSB QP	----	----	----	----	----
SO SSB LP	V01RE	5520	69	40	1999
SO SSB HP	V01TA	137082	742	93	2003
SO CW QP	----	----	----	----	----
SO CW LP	V01MP	688012	1311	131	1999
SO CW HP	V01MP	1118880	1998	140	2000
MS	V01S	508762	2015	127	2001
Quebec					
SO MIX QP	----	----	----	----	----
SO MIX LP	VE2AWR	745996	1054	218	2002
SO MIX HP	VE2AYU	216064	477	128	1998
SO SSB QP	VE2PIJ	32224	212	76	1999
SO SSB LP	VE2FGS	312000	1300	120	1991
SO SSB HP	VA2FB	394160	1517	130	2000
SO CW QP	VE2ABO	19840	121	40	1992
SO CW LP	VE2UJ	320320	711	112	1992
SO CW HP	VX2EM	118440	327	90	2001
MS	VE2CUR	273728	1310	104	1992
Ontario					
SO MIX QP	VE3KZ	475610	778	199	2000

SO MIX LP	VE32T	795408	1046	227	2000
SO MIX HP	VE3AT	2282380	2748	278	2002
SO SSB QP	VE3BUC	90800	454	100	2000
SO SSB LP	VE3XN	376320	1344	140	1999
SO SSB HP	VE3XO	525096	1716	153	1998
SO CW QP	VA3RU	247044	519	119	2000
SO CW LP	VA3RU	729504	1349	136	2001
SO CW HP	VA3UZ	1224308	2034	151	2001
MS	VE3XO	1278626	1917	269	1990
Manitoba					
SO MIX QP	----	----	----	----	----
SO MIX LP	CF4QQ (VE4GV, op.)	1144236	2041	213	1992
SO MIX HP	VE4SD	234632	626	139	1989
SO SSB QP	----	----	----	----	----
SO SSB LP	VE4AMC	545820	2481	110	1991
SO SSB HP	VE4GV	658530	2439	135	1989
SO CW QP	----	----	----	----	----
SO CW LP	VE4JB	158240	460	86	1992
SO CW HP	VE4IM	294272	608	121	2000
MS	XN4VV	1140304	2460	209	1991
Saskatchewan					
SO MIX QP	VE5QRP	89040	326	105	2002
SO MIX LP	VX5UF	1354500	2162	210	2001
SO MIX HP	VE5UF	1528120	2770	220	1989
SO SSB QP	----	----	----	----	----
SO SSB LP	VE5SF	161518	973	83	1990
SO SSB HP	VA5DX	878572	2803	157	2002
SO CW QP	VE5UF	527076	1102	121	2002
SO CW LP	VE5UF	580770	1107	135	2000
SO CW HP	VE5ZX	696000	1451	120	2000
MS	CG5TZ	581024	1636	134	1998
Alberta					
SO MIX QP	VE6GK	90288	336	88	1992
SO MIX LP	VE6ARX	577868	1395	146	1991
SO MIX HP	VX6JY (VE6WQ, op.)	2246508	2878	279	2001
SO SSB QP	VE6BMX	51840	405	64	1991
SO SSB LP	VE6CGY	204768	1296	79	1992
SO SSB HP	XN6WQ (VE6WQ, op.)	619514	2261	137	1991
SO CW QP	VE6BF	152944	480	79	2000
SO CW LP	VE6EX	370576	1007	92	2000
SO CW HP	VE6EZ	232224	708	82	1989
MS	VE6AO	592380	1497	135	1998
British Columbia					
SO MIX QP	VE7SK	93436	348	94	1998
SO MIX LP	VE7CV	557036	1471	157	1991
SO MIX HP	VX7CC	2168716	3060	253	2001
SO SSB QP	VE7EKS	23142	203	57	1991
SO SSB LP	VE7CVM	306128	1444	106	1999
SO SSB HP	VE7BTV	628056	2379	132	1981
SO CW QP	VE7VF	122112	423	72	2000
SO CW LP	VE7UF	441384	1046	106	2001
SO CW HP	VE7UF	411272	1018	101	2000
MS	VE7NTT	1694024	3221	214	1991
Northern Territories					
SO MIX QP	----	----	----	----	----
SO MIX LP	VY1JA	10260	163	19	2005
SO MIX HP	VE8AW	107712	816	66	1978
SO SSB QP	----	----	----	----	----
SO SSB LP	VY1MBB	80376	591	68	2000
SO SSB HP	VY1CJ	289188	1662	87	1981

SO CW QP	----	----	----	----
SO CW LP	----	----	----	----
SO CW HP	VY1JA	211700	733	73 2001
MS	VY1DX	289428	1626	88 1988
Washington (Deleted)				
SO MIX HP	N7XX (AH6Z, op.)	683060	2870	119 1979
SO SSB HP	AG7M	585280	2360	124 1981
SO CW HP	K7QQ	610880	1328	115 1988
MS	W7XR	1397866	2640	227 1988

=====

T O P W / V E Q S O T O T A L S

=====

Sect	Category	Station	Score	QSOs	Mults	Year
NM	SO MIX QP	K5IID	355100	1342	106	1991
SJV	SO MIX QP	N6MU	884510	1336	215	2000
SJV	SO MIX QP	N6MU (@ N6NB)	677694	1222	179	1998
NM	SO MIX QP	K5IID	448938	1208	147	1992
NFL	SO MIX QP	K9OM	786318	1076	221	2002
MAR	SO MIX LP	VY2TT (K6LA, op.)	1884420	2336	261	2002
SK	SO MIX LP	VX5UF	1354500	2162	210	2001
MB	SO MIX LP	CF4VV (VE4VV, op.)	1095090	2134	211	1992
ID	SO MIX LP	W7UQ (KL9A, op.)	1359150	2116	221	2001
MB	SO MIX LP	CF4QQ (VE4GV, op.)	1144236	2041	213	1992
PAC	SO MIX HP	KH7X (KH6ND @ KH7R)	2522160	4061	226	2002
AZ	SO MIX HP	K6LL	2115376	3659	232	1989
CO	SO MIX HP	W0UN (W0UA, op.)	2185260	3514	242	1991
AB	SO MIX HP	VE6RW	939760	3455	136	1979
AZ	SO MIX HP	N7DD	945000	3375	140	1979
CO	SO SSB QP	KT0DX	262680	1194	110	1998
NTX	SO SSB QP	K5RX	301630	1090	139	2001
AR	SO SSB QP	AA5GY	198372	813	122	1991
WWA	SO SSB QP	W7PE	136348	766	89	2001
ORG	SO SSB QP	W7YA	182528	736	124	2001
NFL	SO SSB LP	K4XS	815300	2630	155	1999
MB	SO SSB LP	VE4AMC	545820	2481	110	1991
SV	SO SSB LP	K6KAY	561660	2442	115	1999
NLI	SO SSB LP	N2NB	744432	2402	156	2001
NLI	SO SSB LP	N2NB	687960	2201	156	1999
STX	SO SSB HP	K5TR (@ W5KFT)	1111500	3705	150	1999
WWA	SO SSB HP	W7WA	965850	3525	137	1991
AK	SO SSB HP	KL7RA	913640	3514	130	1989
STX	SO SSB HP	KZ5MM	1139044	3494	163	1999
SV	SO SSB HP	K3EST	1010070	3483	145	1989
SK	SO CW QP	VE5UF	527076	1102	121	2002
STX	SO CW QP	KG5U	452200	957	119	2002
OR	SO CW QP	N7OU	334080	923	90	2002
OR	SO CW QP	N7OU	362792	895	101	2001
STX	SO CW QP	KG5U	429024	877	123	2001
WCF	SO CW LP	K1TO	1218000	2040	150	2002
WCF	SO CW LP	K1TO	1094616	1984	138	2000
ON	SO CW LP	VE3ST	204672	1968	104	1990
WCF	SO CW LP	K1TO	1028600	1860	139	2001
NH	SO CW LP	WE1USA (WA1LNP, op.)	957312	1669	144	2001

CT	SO CW HP	K1KI	1511048	2461	154	2001
NC	SO CW HP	W4ZV	1416064	2409	148	2001
SFL	SO CW HP	K4OJ	1345140	2386	141	1999
SFL	SO CW HP	N2NL	1382320	2349	148	2002
SFL	SO CW HP	K1TO	1360100	2344	145	1999
PAC	MS	KH7R	2730060	3865	261	1999
NM	MS	AA5B	2591058	3710	277	1990
NH	MS	KC1XX	3181272	3690	318	2000
PAC	MS	KH6ND	2376682	3664	253	2001
OR	MS	AI7B	2024330	3454	239	1989

=====

T O P W / V E M U L T I P L I E R T O T A L S

=====

Sect	Category	Station	Score	QSOs	Mults	Year
IL	SO MIX QP	KG9X	886650	1064	257	2001
IL	SO MIX QP	KG9X	825790	1026	251	2002
NFL	SO MIX QP	K9OM	786318	1076	221	2002
SFL	SO MIX QP	NA4CW	609960	873	221	2002
SJV	SO MIX QP	N6MU	884510	1336	215	2000
WI	SO MIX LP	WE9V	1520610	1844	273	2001
MAR	SO MIX LP	VY2TT (K6LA, op.)	1884420	2336	261	2002
CT	SO MIX LP	W3EP	1033654	1339	257	1999
IL	SO MIX LP	KG9X	1327104	1649	256	2000
CT	SO MIX LP	W3EP	965430	1251	255	1998
ON	SO MIX HP	VE3DZ	1933920	2107	306	2002
WCF	SO MIX HP	WC4E	2472804	2986	298	2000
ENY	SO MIX HP	W2RE	2347776	2745	288	2002
CT	SO MIX HP	KQ2M	2747164	3279	287	2000
CT	SO MIX HP	KQ2M	2743884	3320	286	2001
NTX	SO SSB QP	K5RX	301630	1090	139	2001
MN	SO SSB QP	WA0VBW	168890	645	131	2001
NC	SO SSB QP	NX9T	153000	615	125	2002
DE	SO SSB QP	N3ELK	61000	244	125	2000
ORG	SO SSB QP	W7YA	182528	736	124	2001
ME	SO SSB LP	N1FJL	363150	807	225	1990
NNJ	SO SSB LP	WT2S	163438	391	209	1991
IL	SO SSB LP	NW9V	116936	311	188	1998
STX	SO SSB LP	W5MN	470820	1171	177	1998
OH	SO SSB LP	W8DD	362768	1153	158	2002
RI	SO SSB HP	K1NG (K1IG, op.)	1021564	2822	181	1990
WNY	SO SSB HP	WS2W	403040	1145	176	1990
RI	SO SSB HP	K1NG (K1IG, op.)	1088850	3111	175	1989
NFL	SO SSB HP	K4XS	1012742	2927	173	1992
STX	SO SSB HP	NR5M	1120752	3258	172	1990
WI	SO CW QP	N9NE	339040	656	130	2001
GA	SO CW QP	K9AY	276860	545	127	2000
STX	SO CW QP	KG5U	429024	877	123	2001
MN	SO CW QP	N0UR	385728	793	123	2001
SK	SO CW QP	VE5UF	527076	1102	121	2002
MDC	SO CW LP	KE3VV	318420	575	183	2000
DE	SO CW LP	W3PP	889088	1480	151	2002

WCF	SO	CW	LP	K1TO	1218000	2040	150	2002
GA	SO	CW	LP	N4PN	877200	1472	150	2002
ON	SO	CW	LP	VA3DX	610864	1066	146	2002
WV	SO	CW	HP	K8OQL	798106	1314	220	1991
IL	SO	CW	HP	K9CS	348348	554	182	2000
PAC	SO	CW	HP	NH6T	788188	2076	173	1991
VT	SO	CW	HP	K2LE	1129536	1788	159	2002
ENY	SO	CW	HP	WB2Q	1099000	1741	157	1989
VA	MS			K1SE	2498600	2411	325	2002
SC	MS			N4UK	2765094	3051	321	1999
NH	MS			KC1XX	3181272	3690	318	2000
MDC	MS			K3MM	3225792	3205	317	1999
WMA	MS			N2OW	2459744	2453	316	2002

=====
W / V E L O G S B Y D I V I S I O N
=====

Year	ATL	CA	CEN	DAK	DEL	GL	HUD	MID	NE	NW	PAC	ROA	ROM	SE	SW	WG	Total
1973	81	18	51	8	13	60	52	30	74	17	40	46	13	50	49	23	625
1974	82	37	76	25	30	69	58	39	64	18	63	48	30	47	68	40	794
1975	75	12	57	10	15	51	56	28	61	12	56	30	11	39	41	19	573
1976	56	17	50	15	24	42	35	27	47	10	50	36	12	44	36	32	533
1977	86	38	59	19	26	71	43	33	74	31	64	51	18	54	68	57	792
1978	117	55	106	44	34	90	82	43	110	47	70	66	34	47	70	65	1080
1979	122	47	97	36	34	93	75	56	91	48	54	42	36	42	62	48	983
1980	100	47	92	41	22	84	56	44	80	39	63	40	38	49	55	48	898
1981	100	47	79	34	34	114	49	62	102	49	63	57	43	52	58	60	1003
1982	110	59	84	30	30	97	49	58	91	41	54	42	36	37	49	51	918
1983	54	26	48	11	14	48	33	28	53	25	41	35	24	27	30	26	523
1984	63	21	49	6	14	45	33	29	50	10	22	25	17	33	28	22	467
1985	53	18	43	11	18	34	35	22	63	13	21	28	22	38	21	30	470
1986	60	23	28	12	20	45	32	25	53	9	22	27	24	29	29	29	467
1987	110	42	69	25	32	91	55	43	89	35	57	54	41	45	51	54	893
1988	117	53	69	29	32	72	59	45	102	42	73	48	55	56	51	43	946
1989	106	47	72	30	35	73	53	47	101	66	59	58	38	50	62	53	950
1990	122	56	73	26	31	92	55	59	120	77	67	65	43	54	63	73	1076
1991	140	65	92	29	40	121	78	60	138	84	73	58	49	55	95	72	1249
1992	115	59	80	26	46	98	70	50	117	73	89	65	40	72	76	58	1134
1993	98	47	65	21	37	94	70	36	117	56	66	58	27	61	63	44	960
1994	108	35	43	17	32	82	57	31	101	38	41	63	26	64	48	27	813
1995	120	16	35	6	20	48	76	27	65	38	38	37	19	55	42	32	674
1996	121	28	58	9	23	61	49	30	75	36	54	50	17	52	59	45	767
1997	130	44	09	16	42	102	73	57	05	61	63	04	37	00	02	61	1106
1998	188	74	101	46	61	116	85	63	125	88	99	97	52	91	89	97	1472
1999	171	72	118	51	67	106	81	69	132	80	89	96	49	90	105	80	1456
2000	189	87	174	45	64	99	100	77	125	89	98	96	51	94	88	82	1558
2001	186	78	167	62	57	94	81	76	114	101	92	105	59	119	94	74	1559
2002	166	111	154	77	78	139	97	77	162	121	162	123	52	135	91	98	1843
2003	127	85	109	59	65	90	74	57	97	83	120	103	54	132	84	86	1425
2004	101	71	88	59	48	72	66	49	79	63	80	101	31	108	71	72	1159
2005	136	81	83	48	52	82	52	51	82	77	70	113	39	117	66	77	1226
2006	121	71	77	46	52	65	66	58	93	86	82	106	67	135	85	85	1295
2007	91	48	88	53	72	83	59	58	91	43	64	111	56	123	62	90	1192
2008	127	65	92	59	61	104	64	63	100	70	78	107	54	137	72	103	1356

=====
W / V E L O G S B Y E N T R Y C A T E G O R Y
=====

Year	SO Mixed Mode			SO Phone Only			SO CW Only			MS	Total
	QP	LP	HP	QP	LP	HP	QP	LP	HP		
1973	-	-	590	-	-	-	-	-	-	35	625
1974	-	-	754	-	-	-	-	-	-	40	794
1975	-	-	527	-	-	-	-	-	-	46	573
1976	-	-	492	-	-	-	-	-	-	41	533
1977	-	-	707	-	-	-	-	-	-	85	792
1978	-	-	949	-	-	-	-	-	-	131	1080
1979	-	-	841	-	-	-	-	-	-	142	983
1980	-	-	167	-	-	389	-	-	224	110	898
1981	-	-	209	-	-	427	-	-	233	134	1003
1982	-	-	201	-	-	385	-	-	235	97	918
1983	-	-	157	-	-	160	-	-	142	64	523
1984	-	-	151	-	-	166	-	-	113	37	467
1985	-	-	171	-	-	179	-	-	89	31	470
1986	-	-	163	-	-	130	-	-	136	38	467
1987	-	-	257	-	-	356	-	-	186	94	893
1988	-	-	234	-	-	396	-	-	214	102	946
1989	-	-	220	-	-	372	-	-	248	110	950
1990	7	88	157	18	165	221	34	117	140	129	1076
1991	22	184	117	14	302	157	43	170	101	139	1249
1992	19	170	115	21	249	122	42	154	91	151	1134
1993	17	180	56	9	198	167	31	108	72	122	960
1994	19	169	73	12	179	86	25	112	50	88	813
1995	16	179	72	5	128	52	14	76	34	98	674
1996	18	188	102	13	149	71	23	85	40	78	767
1997	23	216	109	23	240	106	39	144	66	140	1106
1998	33	232	141	30	350	151	49	219	130	137	1472
1999	29	233	128	28	328	146	55	237	100	172	1456
2000	30	256	130	47	382	135	72	223	116	167	1558
2001	41	238	120	52	370	111	78	244	118	187	1559
2002	47	317	161	45	420	129	77	316	122	209	1843
2003	35	285	149	26	289	86	39	237	118	161	1425
2004	27	273	144	18	209	80	43	179	79	107	1159
2005	29	279	140	21	227	75	38	208	88	121	1226
2006	25	291	146	16	242	82	48	219	95	131	1295
2007	32	272	144	18	187	63	44	175	97	159	1192
2008	29	281	140	20	240	61	56	237	109	183	1356

Generated: Tue Apr 7 19:13:49 PDT 2009

ARRL 10 Meter Contest Records through 2008 - DX

Record Scores for Stations Outside the United States and Canada

(Does not include Alaska or Hawaii, but does include all other U.S. Territories and Possessions.)

=====

W O R L D R E C O R D S

=====

Cnty	Category	Station	Score	QSOs	Mults	Year
K	SO MIX QP	KG9X	886650	1064	257	2001
KP2	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
KP4	SO SSB QP	KP4KE	366750	1494	125	2002
VP2E	SO SSB LP	VP2EXX	1291800	4306	150	1990
D4	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
K	SO CW LP	K1TO	1218000	2040	150	2002
PZ	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
VP5	MS	VP5K	4091778	4655	309	2000

=====

C O N T I N E N T A L R E C O R D S

=====

Continent	Category	Station	Score	QSOs	Mults	Year
Africa	SO MIX QP	5Z4FO	55678	192	97	1992
Africa	SO MIX LP	SU9ZZ	1329300	1980	210	2000
Africa	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
Africa	SO SSB QP	EA9AUW (EC9AUA, op.)	2400	50	24	2005
Africa	SO SSB LP	CR3M (CT3EM, op.)	606080	1894	160	1992
Africa	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
Africa	SO CW QP	ZS6DX	138376	364	98	2002
Africa	SO CW LP	SU9ZZ	611832	1379	111	1999
Africa	SO CW HP	ZD8LII (GOLII, op.)	1367520	2310	148	1992
Africa	MS	CT3EE	2164620	2850	258	2001
Antarctica	SO MIX QP	----	----	----	----	----
Antarctica	SO MIX LP	----	----	----	----	----
Antarctica	SO MIX HP	KC4AAC (WB6KIL, op.)	43920	366	60	1975
Antarctica	SO SSB QP	----	----	----	----	----
Antarctica	SO SSB LP	----	----	----	----	----
Antarctica	SO SSB HP	----	----	----	----	----
Antarctica	SO CW QP	----	----	----	----	----
Antarctica	SO CW LP	----	----	----	----	----
Antarctica	SO CW HP	----	----	----	----	----
Antarctica	MS	----	----	----	----	----
Asia	SO MIX QP	JALYNE (JP1OGL, op.)	326360	614	164	2000
Asia	SO MIX LP	XW1IC	1189224	2074	199	2002
Asia	SO MIX HP	JY9NX (JM1CAX, op.)	2291058	2895	261	2001
Asia	SO SSB OP	JALXDA	66196	494	67	1990
Asia	SO SSB LP	5B4AAL	540432	1944	139	1991
Asia	SO SSB HP	9K9Z	616680	2303	135	2001
Asia	SO CW QP	JALYNE (JR1NKN, op.)	308660	675	115	2001
Asia	SO CW LP	5B4AGN	680504	1408	121	2000

Asia	SO CW HP	JY9NX (JM1CAX, op.)	1264896	2204	144	2002
Asia	MS	RT9W	1364500	1749	250	2002
Europe	SO MIX QP	DL6RDR	509850	725	225	2001
Europe	SO MIX LP	CT1ILT	1223552	1674	242	2002
Europe	SO MIX HP	TK5EP	2273020	2790	290	2000
Europe	SO SSB QP	F8BON	168590	737	115	2001
Europe	SO SSB LP	OT4AAQ (ON4AAQ, op.)	773136	2301	168	1990
Europe	SO SSB HP	CT8T (I4UFH, op.)	948660	2910	163	2000
Europe	SO CW QP	F5PTM	265608	543	126	2001
Europe	SO CW LP	IK4UPB	714816	1168	153	2000
Europe	SO CW HP	GM3POI	1086016	1919	142	2001
Europe	MS	CT8W	2834352	2946	324	1999
N. America	SO MIX QP	TI5N (N0KE, op.)	420050	877	155	2004
N. America	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
N. America	SO MIX HP	8P9Z (K4BAI, op.)	3788386	4157	301	2002
N. America	SO SSB QP	KP4KE	366750	1494	125	2002
N. America	SO SSB LP	VP2EXX	1291800	4306	150	1990
N. America	SO SSB HP	KP2A (KW8N, op.)	1659384	4852	171	1991
N. America	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
N. America	SO CW LP	WP2Z (AG8L, op.)	1202852	2244	133	1999
N. America	SO CW HP	J38DX (K1KI, op.)	2045440	3197	160	2000
N. America	MS	VP5K	4091778	4655	309	2000
Oceania	SO MIX QP	VK4FRAJ	9576	137	21	2007
Oceania	SO MIX LP	VK4EMM	1400400	1779	225	1999
Oceania	SO MIX HP	AH3C	2188680	3179	244	1990
Oceania	SO SSB QP	V73UX	13200	120	55	1999
Oceania	SO SSB LP	V73CT	298980	1510	99	1991
Oceania	SO SSB HP	FR8GM	1092000	3501	156	1999
Oceania	SO CW QP	ZL1AIH	85768	310	71	2001
Oceania	SO CW LP	ZL1GO	517532	1201	109	2002
Oceania	SO CW HP	ZL2DX (ZL2BSJ, op.)	916608	1848	124	1998
Oceania	MS	KH0A	2012350	2783	241	2000
S. America	SO MIX QP	PY2WC	131846	328	143	2002
S. America	SO MIX LP	FY5FY	2288540	3021	265	2002
S. America	SO MIX HP	P40V	2950432	3619	274	1999
S. America	SO SSB QP	LU3VD	175208	724	121	2000
S. America	SO SSB LP	P40B (P43P, op.)	748170	2468	153	2002
S. America	SO SSB HP	ZX5J	1420848	3886	184	2002
S. America	SO CW QP	AY7EE	250880	504	128	2002
S. America	SO CW LP	ZP6M	966528	1697	144	2001
S. America	SO CW HP	P25JR (OH0XX, op.)	2100744	3211	163	1999
S. America	MS	LT1F	3151780	3456	295	2002

=====
A R R L D X C C E N T I T Y R E C O R D S
=====

AFRICA						
Category	Station	Score	QSOs	Mults	Year	

Swaziland						
SO CW HP	3DA0AD (LX1NO, op.)	270	11	9	2000	
Tunisia						
SO SSB LP	3V8BB	527988	1913	138	1998	
MS	3V8BB	978600	2132	210	1999	

Guinea						
SO SSB HP	3X0HLU	290360	1190	122	1992	
Libya						
SO MIX LP	5A1A	109610	435	37	1998	
SO MIX HP	5A1A	84660	318	86	1999	
Tanzania						
SO MIX HP	5H3US	980244	1580	219	1998	
SO CW HP	5H3RK	155904	445	87	1999	
Nigeria						
SO MIX LP	5N8BRC (UA3AGW, op.)	45600	182	76	2001	
SO SSB LP	5N0T	202520	830	122	1997	
SO CW LP	5N3CPR	129668	420	77	1998	
Mauritania						
SO MIX LP	5T5JC	260000	628	130	1994	
SO CW HP	5T5CJ	461616	978	118	1988	
Niger						
SO MIX HP	5U7M (JH4NMT, op.)	1670708	2407	247	1992	
SO SSB LP	5U7B	6660	91	37	2004	
SO SSB HP	TU4BR/5U7 (KA9DOO, op.)	524790	1785	147	1988	
Uganda						
SO MIX LP	5X4F	10584	95	36	1995	
SO MIX HP	5X4F	30228	458	66	1996	
SO CW LP	5X1X (K3JT, op.)	25576	141	46	2003	
Kenya						
SO MIX QP	5Z4FO	55678	192	97	1992	
SO MIX LP	5Z4FO	77080	274	94	1991	
SO SSB HP	8Z4BI	256272	1124	114	1992	
SO CW LP	5Z4TT	136488	517	66	1992	
MS	5Z4CL	118180	622	95	1982	
Senegal						
SO SSB LP	6W1EA	107322	588	93	2005	
SO SSB HP	6V1C (6W1QV, op.)	381276	1513	126	1997	
SO CW HP	6W1SE	4416	49	23	2007	
MS	6W8HL	508326	1911	133	1981	
Lesotho						
SO MIX LP	7P88R	186480	491	140	1992	
SO MIX HP	7P8BH	32340	193	70	1978	
SO SSB LP	7P8EB	77522	467	83	1992	
SO SSB HP	7P8ZZ (Z86WPX, op.)	397062	1551	129	2002	
Malawi						
SO MIX HP	7Q7JA	37800	172	90	1990	
SO SSB LP	7Q7XX	5600	112	25	1995	
SO CW LP	7Q7XX	581196	1220	119	1992	
Algeria						
SO CW HP	7X0RY	104416	503	52	2006	
Ghana						
SO MIX LP	9G5ZS	16226	107	61	2004	
SO MIX HP	9G1JX	9594	123	39	1975	
Zambia						
SO MIX HP	9J2AL	166272	477	96	1988	
SO SSB LP	9J2FR	311760	1299	120	1992	
SO SSB HP	9J2FR	412034	1549	133	1999	

	SO CW HF	9C2AL	519680	1118	116	1989
Sierra Leone						
	SO SSB LP	9L1JI	10710	105	51	1993
Dem. Rep. of Congo						
	SO SSB HP	9Q0AR (F6BLQ, op.)	539560	1955	140	2001
Rwanda						
	SO CW HF	9X5AB (ON8RA, op.)	40470	566	71	1980
Botswana						
	SO MIX LP	A22MN	150480	414	154	1992
	SO MIX HP	A22MN	955360	1648	220	1993
	SO SSB HP	A22ME	3780	105	18	1984
The Gambia						
	SO MIX LP	C56/SM0JHF (SM0JHF, op.)	18522	100	49	1992
	SO SSB HP	C53CL	60188	367	82	1982
Mozambique						
	SO MIX HP	C9RJJ	1307642	2024	217	1992
Morocco						
	SO MIX HP	CN8FC	890442	1343	191	1989
	SO SSB LP	CN8KD	341406	1467	117	2003
	SO SSB HP	CN8KD	778128	2512	156	2002
	SO CW LF	CN8YR	195040	530	92	2000
	SO CW HF	CN8CY	176400	978	90	1982
Madeira Islands						
	SO MIX LP	CT3KN	488220	692	206	2002
	SO MIX HP	CT3FQ	7776	71	36	2008
	SO SSB LP	CR3M (CT3BM, op.)	606080	1894	160	1992
	SO SSB HP	CT0DX	1075006	3039	177	1999
	SO CW LF	SM0JHF/CT3 (SM0JHF, op.)	7168	56	32	1993
	SO CW HF	OH1MA/CT3 (OH1MA, op.)	236720	1063	110	1980
	MS	CT3EE	2164620	2850	258	2001
Angola						
	SO MIX HP	D25L (PA3DZN, op.)	18816	102	49	1996
	SO SSB HP	D2EL (EA7EL, op.)	757044	2474	153	1992
	SO CW LF	D2NX (JM1CAX, op.)	5472	74	32	2007
Cape Verde						
	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	190	2002
Canary Islands						
	SO MIX LP	EA8/DJ10J (DJ10J, op.)	562744	940	182	2003
	SO MIX HP	EA8TY	240552	1025	117	1979
	SO SSB QP	EA8AUW (EC8AUA, op.)	2400	50	24	2005
	SO SSB LP	EA8TX	212716	1003	107	2004
	SO SSB HP	EA8AH (OH1RY, op.)	999600	2956	170	2001
	SO CW QP	EA0/SMGCUK (SMGCUK, op.)	25740	116	55	2003
	SO CW LF	EA8CN	440496	873	126	1999
	SO CW HF	EA8AB	421200	900	117	1989
	MS	EA8AH	885778	1426	211	2005
Ceuta & Melilla						
	SO MIX HP	EA9UK	238740	603	138	1992
	SO SSB LP	EA9TQ	43524	279	78	1993
	SO SSB HP	EA9RY	391740	1646	119	1990
Liberia						
	SO MIX LP	EL2WW (ON4WN, op.)	277200	663	105	1998

SO MIX HP	5L2AV	263736	989	132	1979
SO SSB HP	5L2T (EL2T, op.)	192024	889	108	1987
Reunion					
SO SSB LP	FR5DX	536400	1800	149	1992
Sao Tome & Principe					
SO SSB HP	S9SS	31668	275	58	2005
Sudan					
SO MIX LP	ST2T (S57CQ, op.)	6156	105	27	2005
SO SSB LP	ST2T (S57CQ, op.)	120	11	6	2006
Egypt					
SO MIX LP	SU9ZZ	1329300	1980	210	2000
SO CW LP	SU9ZZ	611832	1379	111	1999
Central Africa					
SO MIX HP	TL0R (PA3DZN, op.)	2244550	2804	265	1998
Cote d'Ivoire					
SO MIX HP	TU2NW	318060	847	135	1983
SO SSB LP	TU4EG	415250	1661	125	1992
SO SSB HP	TU2UI	27900	186	75	1989
Mali					
SO CW HP	TZ6DX	812952	1613	126	1999
Namibia					
SO MIX LP	V5/DL5XL (DL5XL, op.)	2704	34	26	2007
SO MIX HP	V51/DL5XL (DL5XL, op.)	272976	674	141	2004
SO SSB LP	V51SG	50058	309	81	1997
SO CW HP	ZS3Z (ZS6BCR, op.)	29328	156	47	1985
Chagos Islands					
SO SSB LP	VQ9OG	8704	136	32	2004
MS	VQ9IO	574656	1040	146	1999
Burkina Faso					
SO SSB LP	XT2TI	463488	1717	136	2002
Zimbabwe					
SO MIX LP	Z29KM	3320	43	20	2008
SO MIX HP	Z21KD	160716	681	118	1997
SO SSB LP	Z21CS	73260	407	90	1998
SO SSB HP	Z21KD	108120	530	102	1999
Ascension Island					
SO MIX LP	ZD8DEZ	26038	202	47	1996
SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
SO CW LP	ZD8LII	564072	1230	114	1991
SO CW HP	ZD8LII (G0LII, op.)	1367520	2310	148	1992
South Africa					
SO MIX LP	ZS1NF	98368	263	116	2001
SO MIX HP	ZS6Z (JM1CAX, op.)	2932224	3815	256	2000
SO SSB LP	ZS6YA	230160	959	120	1993
SO SSB HP	ZS6BRZ	406714	1529	133	1993
SO CW QP	ZS6DX	138376	364	98	2002
SO CW LP	ZS0E (ZS6AJS, op.)	174356	479	91	1999
SO CW HP	ZS6BRZ	459160	1767	130	2000
MS	ZS6TVB	9024	94	48	1993

ANTARCTICA

Category	Station	Score	QSOs	Mults	Year

Antarctica					
SO MIX HP	KC4AAC (WB6KIL, op.)	43920	366	60	1975
ASIA					
Category	Station	Score	QSOs	Mults	Year

Vietnam					
SO MIX LP	3W4DX	703542	1422	147	1990
MS	3W4VL	523488	1656	82	1992
Azerbaijan					
SO MIX HP	UD6CN	62764	442	71	1979
SO SSB HP	UD6DLL	2760	60	23	1982
SO CW LP	UD6GF	9344	100	32	1992
SO CW HP	UD6DFF	59072	284	52	1989
Georgia					
SO MIX HP	UF6Q1C	180722	552	109	1988
SO SSB HP	UF6FER	34720	280	62	1982
SO CW LP	4L8A	129624	491	66	1998
SO CW HP	4L8A	944772	1817	131	2002
MS	UK6FGD	15080	145	52	1982
Sri Lanka					
SO CW HP	4S7MX	126936	773	82	1981
Israel					
SO MIX LP	4Z4DX	675352	1244	164	1990
SO MIX HP	4X1KS	261942	644	149	2000
SO SSB LP	4X6DK	36360	404	45	2005
SO SSB HP	4X4VT	65254	413	79	1990
SO CW LP	4Z5AX	541448	1290	106	2001
SO CW HP	4X/S59ER (S59PR, op.)	399208	976	102	1992
Cyprus					
SO MIX LP	C4Z (5E4AIZ, op.)	1410	29	15	2008
SO MIX HP	H2G (5E4AGC, op.)	1920604	2455	239	2000
SO SSB LP	5D4AAL	540432	1944	139	1991
SO SSB HP	5B4AAL	249850	1185	105	1990
SO CW LP	5B4AGN	680504	1408	121	2000
SO CW HP	5B4AHA	186000	756	62	2003
MS	5B4XX	163228	1118	73	1983
Kuwait					
SO MIX HP	9K2DE (G4DWE, op.)	14220	150	45	1901
SO SSB HP	9K9Z	616680	2303	135	2001
SO CW LP	9K9O (9K2RR, op.)	322620	855	95	2001
SO CW HP	9K2HN	120	6	5	2008
MS	9K2ZZ	266932	801	83	1992
West Malaysia					
SO MIX LP	9M2TO	324762	861	113	1998
SO MIX HP	9M2TO	594432	1275	129	1999
SO SSB LP	9W2DRL	170	18	5	2008
SO CW LP	9M2JI	84912	366	58	1999
SO CW HP	9M2/G4ZFE (G4ZFE, op.)	397480	1056	95	2002
Singapore					
SO MIX HP	9V1VB	49200	282	50	1988
SO SSB LP	9V1UV	11200	142	50	2002

SO SSB HP	9V1UV	30240	271	56	2001
SO CW LP	9V1CW	1260	45	7	2005
SO CW HP	9V1YC	73564	348	53	2002
MS	9V1UV	16	3	2	2008
Oman					
SO MIX LP	A45WD (YO9HP, op.)	294196	675	133	2003
SO CW LP	A45WD (YO9HP, op.)	6832	62	28	2004
SO CW HP	A45XR	440388	941	117	1998
Bhutan					
SO MIX HP	A51PN	7360	115	32	1980
United Arab Emirates					
SO SSB LP	A61AV	42188	398	53	2002
SO SSB HP	A61AJ (S57CQ, op.)	259166	1291	101	2003
SO CW LP	A61AV	1872	41	12	2004
SO CW HP	A61AJ	989456	1870	134	2001
Qatar					
SO MIX HP	A71CW (SP5EXA, op.)	2142	41	17	1994
Bahrain					
SO SSB HP	A92BE	90396	486	93	1991
Taiwan					
SO MIX LP	BW3/UA3VCS (UA3VCS, op.)	506792	1013	143	2002
SO SSB LP	BV2WA	126324	726	87	1992
SO SSB HP	BV2WA	149940	765	98	1991
SO CW QP	BV3FG	235316	661	89	1999
SO CW LP	BV/JH3GCN (JH3GCN, op.)	144832	498	73	1998
SO CW HP	BV7FF	247064	694	89	1999
China					
SO MIX QP	B4TB	240	8	8	2003
SO MIX LP	BD7JLR	31064	211	44	2006
SO MIX HP	BY1DX (OH2FM, op.)	717120	1429	160	1999
SO SSB LP	BD4DW	56848	418	68	1998
SO SSB HP	BD4CZX	496	31	8	2008
SO CW LP	BD7JLR	240	10	6	2007
MS	BD7IXG	576	17	9	2007
Palestine					
SO CW LP	E4/G3WQU (G3WQU, op.)	34320	195	44	1999
Armenia					
SO MIX LP	UG6JJ	33600	115	50	1990
SO MIX HP	UG6GAF	95906	607	79	1978
SO SSB LP	4J4GK	17010	189	45	1991
SO SSB HP	EK6YL	54188	593	46	2005
SO CW LP	EK6LP	4692	51	23	1999
SO CW HP	UG6JJ	5032	74	17	1986
Iran					
SO MIX HP	EP2IA (G3SXW, op.)	167664	998	84	1978
Kyrgyzstan					
SO MIX LP	UM8DX	166192	791	68	1991
SO MIX HP	EX2M	936856	1862	181	2001
SO SSB LP	EX0Y	166936	1084	77	1998
SO SSB HP	EX2T	213622	1042	103	2001
SO CW LP	EX2X	57288	342	42	2005
SO CW HP	EX8MZ	207000	690	75	1998
Tajikistan					

SO MIX LP	EY8MM	161268	532	89	2000
SO MIX HP	UJ8JAS	5150	103	25	1978
SO SSB LP	EY8MM	83096	613	68	2002
SO CW HP	UJ8JA	162260	665	61	1991
MS	UJ9KWC	24794	253	49	1990
Turkmenistan					
SO MIX LP	EZ3A	7400	99	37	2001
SO MIX HP	UH8EAD	45508	376	62	1979
SO SSB LP	EZ3A (EZ8CW, op.)	14212	209	34	2000
South Korea					
SO MIX LP	HL2FDW	321920	660	160	2002
SO MIX HP	HL1CG	97008	312	94	1998
SO SSB LP	HL9AX	46728	354	66	1992
SO SSB HP	HL9TF	134784	648	104	1988
SO CW QP	HL9JK	8784	61	36	1991
SO CW LP	HL5UOG	111520	328	85	2000
SO CW HP	HL5UOG	79048	241	82	2002
Thailand					
SO MIX LP	E21EIC	45210	240	55	2003
SO MIX HP	E21EIC	536536	1336	154	1999
SO SSB LP	H80/VE3XO (VE3XO, op.)	124270	731	85	1999
SO SSB HP	H80ZCX/8 (H80ZCX, op.)	80896	632	64	1998
SO CW LP	H80ZDZ	43516	260	43	2003
SO CW HP	H80ZCR (W1NN, op.)	79904	454	44	1997
MS	E20RRW	341360	726	136	2000
Saudi Arabia					
SO MIX LP	H21IK	1332	27	18	2005
SO MIX HP	H21HZ	368368	631	182	1989
SO SSB LP	721SJ	63792	445	72	2002
SO SSB HP	H21AB (DU1CSU, op.)	28914	237	61	1989
SO CW HP	72500 (K3UOC, op.)	58140	285	51	1997
Japan					
SO MIX QP	JAIYNE (JF1OGL, op.)	326360	614	164	2000
SO MIX LP	JN3FYQ	880152	1332	217	2000
SO MIX HP	JA8RWU	1468698	2070	231	2001
SO SSB QP	JA1XDA	66196	494	67	1990
SO SSB LP	JA0QNJ	412918	1507	137	1991
SO SSB HP	JA7YAA (JJ3CNL, op.)	561816	1836	153	1989
SO CW QP	JAIYNE (JR1NKN, op.)	308660	675	115	2001
SO CW LP	JF1SQC	615984	1253	123	1999
SO CW HP	JH3AIU	935788	1776	133	2001
MS	JJ3YBB	1317960	1920	252	1999
Ogasawara					
SO MIX LP	JA5IGX/JD1 (JA5IGX, op.)	64960	421	58	1992
SO MIX HP	JH7UJU/JD1 (JH7UJU, op.)	205280	939	80	1983
SO SSB LP	JD1BIA	29028	246	59	1999
SO SSB HP	JH7EAY/JD1 (JH7EAY, op.)	32214	413	39	1988
SO CW QP	JD1AHC	280	10	7	2007
Mongolia					
SO MIX HP	JT1BG	4968	92	27	1979
SO SSB LP	JT1BV	78110	535	73	1999
SO SSB HP	JT1BQ	10296	156	33	1988
SO CW HP	JT1BH	423516	1217	87	1999
Jordan					
SO MIX HP	JY9NX (JM1CAX, op.)	2291058	2895	261	2001
SO SSB LP	JY9NE (N3FNE, op.)	9990	111	45	1999
SO SSB HP	JY9LC	45448	299	76	1988

SO CW HP	JY9NM (JM1CAX, op.)	1264896	2204	144	2002
MS	JY9QJ	103076	393	73	2003
Lebanon					
SO MIX HP	OD5LX	5940	90	22	1977
SO SSB LP	OD5NJ	7598	131	29	1997
SO SSB HP	OH1TD/4U (OH1TD, op.)	1520	40	19	1981
SO CW LP	OD5/F5SQM (F6FYA, op.)	272580	885	77	1999
SO CW HP	OD5/OK1MU (OK1MU, op.)	1226136	2174	141	2000
Turkey					
SO MIX QP	TA22O	30	3	3	1994
SO MIX LP	TA22AF (OK1MU, op.)	116472	513	69	2005
SO SSB LP	YM2RC (TA2RC, op.)	74866	451	83	2002
SO SSB HP	TA5FA	17316	223	39	2001
SO CW LP	TA22F	125692	474	67	2003
MS	YM3NA	324768	887	136	2000
Asiatic Russia					
SO MIX QP	RX9SR	228280	572	130	2002
SO MIX LP	RG9O (R29OU, op.)	649980	1405	157	2001
SO MIX HP	UA9CDV	918694	1412	211	2002
SO SSB QP	RK9KWB	64476	398	81	1998
SO SSB LP	UA0ZBK	249432	1094	114	1999
SO SSB HP	RS0F (UA0FZ, op.)	351680	1269	140	2001
SO CW QP	RA9WW	83824	340	62	2001
SO CW LP	UA0JB	543000	4344	125	1999
SO CW HP	RA0BA	432960	988	110	2002
MS	RT9W	1364500	1749	250	2002
Uzbekistan					
SO MIX LP	UK7F	8544	96	24	1997
SO MIX HP	UI8LAF	11392	178	32	1978
SO CW LP	UK8FF	48	4	3	1994
Kazakhstan					
SO MIX LP	UN6P	623410	1318	155	2001
SO MIX HP	UL7ACI	371968	1453	128	1989
SO SSB LP	UP5P (UN5PR, op.)	249260	1210	103	2000
SO SSB HP	UL7ACI	357000	1500	119	1988
SO CW QP	UP6F (UN7FZ, op.)	204204	663	77	2000
SO CW LP	UN5J	353220	1018	87	2002
SO CW HP	UP4L (UN7LZ, op.)	380256	932	102	2000
MS	UP0L	1308096	2018	216	2000
Hong Kong					
SO MIX LP	VR2XLN	5184	63	27	2005
SO MIX HP	VR2KF	487014	1153	141	1998
SO SSB HP	VS6WO	258876	1269	102	1991
SO CW LP	VS6BG	4	1	1	1995
SO CW HP	VR2BG	872460	1665	131	1999
MS	VS6WO	1142206	1860	197	1992
India					
SO MIX QP	VU2UR	7040	56	32	2003
SO MIX LP	VU2UR	29184	136	64	1992
SO MIX HP	VU2GO	28288	272	52	1979
SO SSB LP	VU3DMP	7400	100	37	2000
SO SSB HP	VU2NCR	41288	397	52	1989
SO CW QP	AT2UR	2128	28	19	1998
SO CW LP	VU2BGS	29328	191	39	2005
SO CW HP	VU2NET (AA4U, op.)	187720	722	65	1990
Cambodia					
SO MIX HP	XU7AAP	43216	223	73	2000

Laos						
SO MIX LP	XW1IC	1189224	2074	199	2002	
MS	XW3YL	1664	104	8	1990	
Macao						
SO SSB HP	XX9TRF (K2PF, op.)	7938	115	21	1992	
Iraq						
SO MIX LP	YI9GT (SP3GTS, op.)	56826	295	63	2004	
Syria						
SO SSB HP	YK1AO	18124	197	46	1982	
UK Sov. Base Areas on Cyprus						
SO MIX LP	ZC4BS	404820	904	130	2001	
SO CW LP	ZC4DW	376992	926	102	2002	
SO CW HP	ZC4LI	187712	841	56	2005	

EUROPE

Category	Station	Score	QSOs	Mults	Year	

ITU HQ						
SO MIX HP	4U1ITU (N6TR, op.)	1520038	2243	247	1990	
SO CW HP	4U1ITU (DK7YY, op.)	12600	105	30	1997	
MS	4U1ITU	293040	1221	120	1980	
Croatia						
SO MIX QP	9A2EY	183400	406	131	2000	
SO MIX LP	9A7P (9A6NHH, op.)	338744	663	161	1998	
SO MIX HP	9A5E	1956654	2178	293	2002	
SO SSB QP	9A7ZZ	33756	196	87	2002	
SO SSB LP	9A1P	401962	1346	151	2001	
SO SSB HP	9A2AJ	86490	465	93	1993	
SO CW QP	9A0C (9A2HI, op.)	190376	449	106	2000	
SO CW LP	9A3VM	612648	1206	127	2000	
SO CW HP	9A3GW	1061456	1807	148	2001	
MS	9A1O	1171620	1627	230	2000	
Malta						
SO MIX HP	9H4G	9790	89	55	1978	
SO SSB HP	9H4G	27900	155	90	1981	
SO CW LP	9H3MR (IK1PMR, op.)	26288	212	31	2005	
SO CW HP	9H1ZA	1016400	1665	154	2002	
MS	9H6A	778392	1491	171	2003	
Andorra						
MS	C3IMK	299000	1300	115	1979	
Portugal						
SO MIX LP	CT1ILT	1223552	1674	242	2002	
SO MIX HP	CT/F6EPY (F6EPY, op.)	661624	1204	191	1998	
SO SSB QP	CT7BOP (CT1BOP, op.)	154320	648	120	2002	
SO SSB LP	CT8T (CT1DVV, op.)	626924	2163	146	2001	
SO SSB HP	CT8T (I4UFH, op.)	948660	2910	163	2000	
SO CW QP	CT1ETE	250860	560	113	2001	
SO CW LP	CT1AOZ	67280	296	58	2003	
SO CW HP	CT1AOZ	291720	710	102	1999	
MS	CT8W	2834352	2946	324	1999	
Azores						
SO MIX LP	CU3LF	163680	492	120	1992	
SO MIX HP	CU2BR	570500	1544	175	1988	

SO SSB LP	CU3LF	330496	1291	128	1991
SO SSB HP	CT2FH (K1RZ, op.)	474012	2079	114	1983
SO CW LP	CU2JT	10304	92	28	2005
SO CW HP	CU3AA	269800	715	95	2004
Fed. Rep. of Germany					
SO MIX QP	DL6RDR	509850	725	225	2001
SO MIX LP	DL1WA	306950	594	175	2000
SO MIX HP	DL6FBL	1723800	2597	256	1989
SO SSB QP	DH5VDT	8904	106	42	1999
SO SSB LP	DK0BP (DL3KDV, op.)	312156	1131	138	1992
SO SSB HP	DL2ARD	666496	2041	164	2001
SO CW QP	DK3KD	86508	243	89	2000
SO CW LP	DK0ALC (DL1CW, op.)	323204	689	119	2002
SO CW HP	DL1IAO	799092	1333	151	2002
MS	DL6RAI	1719062	2068	277	2001
Spain					
SO MIX QP	EA1BP	20400	117	68	2002
SO MIX LP	EA7GTF	1142848	1763	224	2001
SO MIX HP	EA3KU	1289980	1949	234	1991
SO SSB QP	EA1BZ	9984	106	48	2003
SO SSB LP	EA4BT	264410	572	137	2002
SO SSB HP	EA3ATM	569596	1615	157	1999
SO CW QP	EA7AAW	127696	352	92	2002
SO CW LP	EA5FID	447216	847	132	1999
SO CW HP	EA5WU	858452	1333	61	1991
MS	EA7GTF	872236	1456	202	2000
Balearic Islands					
SO MIX LP	EA6ZY	192150	460	105	1993
SO MIX HP	EA6GP	71200	258	80	1990
SO SSB LP	EA6VQ	86000	500	86	1998
SO SSB HP	EA6VO	629888	2128	148	1988
SO CW LP	EA6ZY	691424	1394	124	1991
SO CW HP	EA6KZ	172000	500	86	1983
MS	EA6RCM	134136	729	92	1983
Ireland					
SO MIX LP	EI5DI	1025200	1482	200	2001
SO MIX HP	EI8IC	527924	856	191	2000
SO SSB LP	EI4CF	215740	611	134	2002
SO SSB HP	EI8IR	480912	1676	129	2001
SO CW LP	EI8GP	374612	787	119	2000
SO CW HP	EI4BZ	27176	161	43	2004
MS	EI3JE	945568	1958	208	2002
Moldova					
SO MIX QP	ER5DX	160740	462	141	2002
SO MIX LP	ER6A (ER1LW, op.)	863902	1199	223	2001
SO MIX HP	ER0ND (UT7ND, op.)	1308882	1627	227	2001
SO SSB LP	ER5DX	25088	197	64	2001
SO SSB HP	ER0F (UX0FF, op.)	423654	1441	147	1999
SO CW QP	ER1EA	5712	51	28	2001
SO CW LP	ER1CO	346528	738	119	2001
SO CW HP	ER1CO	356592	781	114	1998
MS	ER3R	549072	944	186	2001
Estonia					
SO MIX LP	ES5RY	388690	547	235	2002
SO MIX HP	ES0FB	366320	606	190	2002
SO SSB QP	ES8SW	15080	146	52	2002
SO SSB LP	ES5RW	182710	757	121	2001
SO SSB HP	ES5GT	283718	1131	127	2001
SO CW QP	ES2JL	26260	101	65	2001

SO CW LP	ES2DJ	225344	502	112	2001
SO CW HP	ES5QX	693836	1221	143	2002
MS	ES2X	821490	1540	197	2001
Belarus					
SO MIX QP	EW6DI	11440	78	55	1999
SO MIX LP	RC2AZ	531024	842	184	1991
SO MIX HP	UC2OE	125496	401	84	1989
SO SSB QP	EU6FF	6882	111	31	1998
SO SSB LP	EV6C	89300	476	95	2002
SO SSB HP	EW4MM	172360	695	124	1999
SO CW QP	UC2OV	19320	137	35	1991
SO CW LP	EU1DX	522600	986	134	2001
SO CW HP	EW8EW	694800	1170	150	2002
MS	UK2AAW	134600	673	100	1982
France					
SO MIX QP	F8CED	126084	339	133	2001
SO MIX LP	F5NLY	639364	814	242	2002
SO MIX HP	FF0XX (FB1MUX, op.)	1166096	1411	248	1992
SO SSB QP	F8BON	168590	737	115	2001
SO SSB LP	F5TDX	336824	1186	142	2000
SO SSB HP	TM5C (F6CTT, op.)	863200	2610	166	2002
SO CW QP	F5PTM	265608	543	126	2001
SO CW LP	F6AUS	295320	671	115	2001
SO CW HP	F6BEE	937860	1610	147	2002
MS	TM1T	1678512	2118	264	1999
England					
SO MIX QP	G00GN	104218	269	107	2000
SO MIX LP	G0MMW	361896	617	204	2001
SO MIX HP	M0SDX	1529496	1780	291	2002
SO SSB QP	G4MET	47850	275	87	1991
SO SSB LP	G3VAO	372650	1292	145	2001
SO SSB HP	G4OJH	510188	1862	137	1990
SO CW QP	G4EDG	238336	532	112	2000
SO CW LP	G3SXW	289500	577	125	1999
SO CW HP	M7M (G0CRP, op.)	772416	1353	144	2002
MS	M5X	1986468	2057	298	2001
Isle of Man					
SO MIX HP	GDOEMG (G1GEY, op.)	406746	833	177	2002
SO SSB HP	GD4HOX	22032	162	68	1980
SO CW HP	MD0CCE	704	16	11	2007
Northern Ireland					
SO MIX LP	G1ONWG	74340	274	105	1991
SO MIX HP	GI4FUM	19716	159	62	1978
SO SSB LP	GI0KOW	212534	893	119	1991
SO SSB HP	GI0UJG	621516	2110	147	1998
SO CW HP	GI4KHZ	12544	112	56	1980
MS	GI0SRM	251472	1105	111	1999
Jersey					
SO SSB HP	GJ0KKE	40672	248	82	1988
SO CW LP	MJ0ASP (F58HQ, op.)	11008	86	32	2003
Scotland					
SO MIX QP	2M0ACI	11360	108	20	1992
SO MIX LP	GM0EGI	82836	342	117	2002
SO MIX HP	GM4FDM	512116	817	226	2002
SO SSB QP	GM4ELV	14396	122	59	2002
SO SSB LP	GM3BCL	61466	421	73	1998
SO SSB HP	GM4YXI	836022	2636	159	2001
SO CW QP	GM4HQF	82360	290	71	1999

SO CW LP	GM3CFS	214652	520	103	2000
SO CW HP	GM3POI	1086016	1919	142	2001
MS	MM7I	725904	1360	213	2001
Guernsey					
SO MIX LP	MU0GSY	216	18	6	2008
SO MIX HP	GU5CIA (K5MM, op.)	170488	852	101	1978
SO SSB LP	2U0GSY	120	10	6	2005
SO SSB HP	MU0C (G00FE, op.)	482516	1702	142	1999
SO CW LP	GU0SUP	87576	247	89	2002
Wales					
SO MIX LP	GW0GEI	2478	40	21	2008
SO MIX HP	GW3YDX	1594412	1977	277	1998
SO SSB QP	MW5W (MW5HOC, op.)	19760	155	65	2002
SO SSB LP	MW5EPA	127012	574	113	2001
SO SSB HP	GW4BLE	786880	2459	160	1989
SO CW QP	GW4ALG	115784	355	82	2002
SO CW LP	GW3NJW	378720	789	120	2000
SO CW HP	GW3NJW	548000	1108	125	2001
MS	GW8GT	1361822	2065	239	1988
Hungary					
SO MIX QP	HA5BSW	492570	758	195	1999
SO MIX LP	HA6NF	978880	1313	266	2002
SO MIX HP	HA0DU	1548708	1845	309	1990
SO SSB QP	HA5ORR	18762	159	59	2000
SO SSB LP	HA4XG	75330	405	93	1990
SO SSB HP	HA0NAR	630300	1910	165	1991
SO CW QP	HG4I	121176	328	99	2001
SO CW LP	HA6NL	422240	754	140	2000
SO CW HP	HA7UG	648048	1174	138	2000
MS	HG0D	959574	1747	217	1989
Switzerland					
SO MIX LP	HB9DCM	323164	618	173	2001
SO MIX HP	HB7G (HB7AW, op.)	58220	405	71	1979
SO SSB LP	HB9DMQ	13224	76	87	1990
SO SSB HP	HB9FBO	409344	1312	156	1999
SO CW QP	HB9DAX	60900	175	87	2002
SO CW LP	HB9ARF	341172	730	117	2001
SO CW HP	HB9APJ	165640	410	101	2002
MS	HB9FAP	782040	1072	245	2002
Italy					
SO MIX QP	IK2BCP	15600	91	75	2000
SO MIX LP	IC8CQF	378760	800	170	2001
SO MIX HP	IB8A (IK8DOI, op.)	791908	1489	194	1988
SO SSB QP	I23ESV	30774	225	69	2002
SO SSB LP	IV3TAN	390600	1260	155	1992
SO SSB HP	IT9A (IT9GSF, op.)	826410	2535	163	1991
SO CW QP	IK5TSS	74844	231	81	1998
SO CW LP	IK4UPB	714816	1168	153	2000
SO CW HP	IK0YVV	721756	1226	149	2002
MS	IR4T	2209272	2745	292	1991
Sardinia					
SO MIX LP	IS0IGV	343197	601	171	2000
SO MIX HP	IS0IGV	100464	307	22	1998
SO SSB LP	IS0/I2ADN (I2ADN, op.)	163240	742	110	1998
SO SSB HP	IS0GSR	54560	341	80	1999
SO CW LP	IS0HQJ	63000	210	75	1998
SO CW HP	IS0HQJ	158080	415	95	1999
Svalbard					

SO MIX HP	JW6MY	788	24	16	1981
Norway					
SO MIX LP	LA8OM	253080	498	148	2001
SO MIX HP	LA8SDA	1181760	1620	240	2001
SO SSB QP	LA1XDA	31248	252	62	1991
SO SSB LP	LA5JX	98156	463	106	2002
SO SSB HP	LA6YEA	393210	1292	153	2001
SO CW QP	LA2HFA	25568	142	47	1991
SO CW LP	LA1YE	293712	636	116	2001
SO CW HP	LA6YEA	657216	1141	144	1999
MS	LA9ZV	301250	1205	125	1980
Luxembourg					
SO MIX LP	LX1JH	93744	298	126	2000
SO MIX HP	LX1NO	75820	446	85	2002
SO SSB LP	LX1NW	54648	297	92	2000
SO SSB HP	LX1NO	707232	2231	159	2001
SO CW LP	LX2PA	240064	496	121	1990
SO CW HP	LX5A (HA1AG, op.)	1054208	1865	142	2001
MS	LX5A	866762	1727	221	2002
Lithuania					
SO MIX QP	LY2FE	276276	530	161	1999
SO MIX LP	LY3BA	779248	1058	226	2002
SO MIX HP	LY7Z (LY2TA, op.)	1216292	1675	242	2001
SO SSB LP	LY2DM	144432	623	118	2002
SO SSB HP	LY5A (LY3MM, op.)	513010	1789	145	2001
SO CW QP	LY1DT	55200	200	69	1999
SO CW LP	LY2TA	632060	1102	143	1999
SO CW HP	LY7Z (LY2TA, op.)	738968	1309	142	2002
MS	LY1YK	928284	1177	257	2002
Bulgaria					
SO MIX QP	LZ1UQ	311540	531	185	2000
SO MIX LP	LZ9W	1085280	1540	240	2002
SO MIX HP	LZ1NG	1127124	1643	239	2002
SO SSB LP	LZ1HB	134176	605	112	2001
SO SSB HP	LZ1W	449648	1432	157	1989
SO CW QP	LZ2RS	151240	399	95	2000
SO CW LP	LZ2PL	444600	855	130	2000
SO CW HP	LZ5W (LZ1MC, op.)	555244	1092	127	1999
MS	LZ1KOZ	1132160	1679	232	1990
Austria					
SO MIX LP	OE2M (OE2WPO, op.)	61740	206	90	2001
SO MIX HP	OE8Q (OE8SKQ, op.)	1074528	1669	234	2002
SO SSB LP	OE6CLD	104544	484	108	1992
SO SSB HP	OE1EMS	545292	1702	162	2002
SO CW QP	OE3BCA	36816	156	59	1999
SO CW LP	OE2LCM	133760	351	95	1999
SO CW HP	OE3EMN/1 (OE3EMN, op.)	178048	414	107	1992
MS	OE2S	1551792	2039	264	2001
Aland Islands					
SO MIX HP	OH3JR/0 (OH3JR, op.)	17591	171	51	1979
MS	OH0Z	1806066	2108	269	1999
Finland					
SO MIX QP	OH6HAE	30	3	3	1999
SO MIX LP	OH7MA	315104	555	172	1991
SO MIX HP	OH1F (OH1NOA, op.)	1270508	1640	254	2002
SO SSB QP	OH5NHI	17262	137	63	1990
SO SSB LP	OH1MIE	308352	1056	146	1991
SO SSB HP	OH1EH	419430	1353	156	1991

SO CW QP	OH3XR	92700	314	75	2001
SO CW LP	OH7MM	345600	675	128	1999
SO CW HP	OH6RX	557536	1054	133	2002
MS	OH1AF	1230504	1871	237	1989
Czech Republic					
SO MIX QP	OK2PP	424352	720	178	2001
SO MIX LP	OK2PP	517902	762	209	2002
SO MIX HP	OK1RI	1800582	2091	301	2002
SO SSB QP	OK1GW	49140	273	90	2000
SO SSB LP	OK1RI	421600	1360	155	1998
SO SSB HP	OK2RZ	559200	1864	150	2000
SO CW QP	OK2WTM	131316	356	93	2002
SO CW LP	OK2PAY	410256	777	132	1999
SO CW HP	OK1MD	635960	1222	130	1999
MS	OL5Q	870300	1222	225	2000
Czechoslovakia (Deleted)					
SO MIX QP	OK2HI	8856	65	41	1992
SO MIX LP	OK3KAG	214700	599	100	1991
SO MIX HP	OK1RI	1307552	2113	232	1990
SO SSB QP	OK3CRH	19740	141	70	1990
SO SSB LP	OK1VAM	145544	644	113	1990
SO SSB HP	OK3CFA	321646	1157	139	1989
SO CW QP	OK1FPC	59724	231	63	1990
SO CW LP	OM6VD	396264	926	114	1990
SO CW HP	OK1ADS	672500	1342	125	1989
MS	OK3KFF	899540	1698	205	1990
Slovakia					
SO MIX LP	OM6T	703948	938	217	2000
SO MIX HP	OM5M (OM3BH, op.)	1430094	1984	241	2001
SO SSB LP	OM4KK	61404	301	102	2000
SO SSB HP	OM5AA	380860	1376	139	2002
SO CW QP	OM0TT	154336	364	106	2000
SO CW LP	OM6T	522500	1059	125	2001
SO CW HP	OM3PC	692076	1177	147	1999
MS	OM0M	1212744	1415	276	2002
Belgium					
SO MIX QP	ON5EU	1558	30	19	1993
SO MIX LP	ON7NQ	390456	620	204	2000
SO MIX HP	OT8T (DL2CC, op.)	1312648	1536	284	1998
SO SSB QP	ON3RB	256	16	8	2006
SO SSB LP	OT4AAQ (ON4AAQ, op.)	773136	2301	168	1990
SO SSB HP	OT4AMT (ON4AMT, op.)	783216	2331	168	1990
SO CW QP	ON7CC	32480	149	56	2002
SO CW LP	OT1H (ON5YR, op.)	585732	1114	133	2001
SO CW HP	ON4UN (ON4WW, op.)	324988	714	113	1993
MS	OT9T	2073660	2110	321	1999
Faroe Islands					
SO MIX HP	OY1AT	16432	158	52	1979
SO SSB HP	OY6A	359726	1373	131	1991
SO CW HP	OY1CT	362304	894	102	2001
Denmark					
SO MIX QP	OZ6XR	2160	37	15	2003
SO MIX LP	OZ8RO	57420	236	110	1991
SO MIX HP	OZ5EV	389988	1413	138	1979
SO SSB QP	OZ1FMO	100	10	5	1993
SO SSB LP	OZ1INN	88920	570	78	1990
SO SSB HP	OZ1HXQ	343808	1264	136	2000
SO CW QP	OZ3PE	163664	385	106	1992
SO CW LP	OZ8AE	175980	417	105	1999

SO CW HP	OZ1AA	520520	1001	130	2000
MS	OZ7HVI	359520	831	120	1990
Netherlands					
SO MIX QP	PA3ELD	234768	506	146	2000
SO MIX LP	PA0MIR	305990	542	185	2002
SO MIX HP	PA0008	773570	1340	215	1992
SO SSB QP	PA5DL	4104	56	38	2002
SO SSB LP	PA3GCV	103200	516	100	1998
SO SSB HP	PA9KT	499240	1795	140	2001
SO CW QP	PA0PUR	27336	134	51	1991
SO CW LP	PA0JED	256188	587	111	2002
SO CW HP	PA3CXC	348096	777	111	1988
MS	PI4COM	1501760	1704	304	2000
Slovenia					
SO MIX LP	S57XX	490140	714	210	1999
SO MIX HP	S58A	1525188	1873	271	2002
SO SSB QP	S57MSU	87720	433	102	2001
SO SSB LP	S54E	254716	827	154	1999
SO SSB HP	S57AW	696960	1981	176	2000
SO CW QP	S59D	1792	35	14	2008
SO CW LP	S59AA	400608	856	117	1998
SO CW HP	S59A	965328	1548	156	2000
MS	S50C	1886820	2131	295	2000
Sweden					
SO MIX LP	SM6DER	264060	495	163	2000
SO MIX HP	885W (SM5IMO, op.)	1120500	1772	225	2001
SO SSB QP	SM7PAF	850	26	17	2002
SO SSB LP	887A (SM7CRW, op.)	194304	759	128	2000
SO SSB HP	SM5GNU	371028	1262	147	1982
SO CW QP	SM1CNS	20736	106	48	1991
SO CW LP	SM5G (SM5JBM, op.)	313148	650	121	2001
SO CW HP	782E (SM2DMU, op.)	711852	1313	137	2002
MS	8K0UX	487626	873	201	1991
Poland					
SO MIX QP	SP2EWQ	108750	275	125	2000
SO MIX LP	SP4Z	477154	676	227	2002
SO MIX HP	SN7L	610128	951	228	2002
SO SSB QP	SP5XMU	34602	238	73	2001
SO SSB LP	SP9QMP	244408	892	137	2000
SO SSB HP	SP7VC	498464	1696	148	2001
SO CW QP	SP5DDJ	219780	498	111	2001
SO CW LP	SP8FHK	281784	608	118	2002
SO CW HP	SP7GIQ	888592	1502	148	2000
MS	SN8V	939610	1446	217	2001
Greece					
SO MIX QP	SV1XV	5504	65	32	2003
SO MIX LP	SV1DKL	461104	903	184	2001
SO MIX HP	J41YM (OK1YM, op.)	260260	574	143	2001
SO SSB QP	SV1DZB	32376	228	71	2000
SO SSB LP	SV3AQR	169470	807	105	1990
SO SSB HP	SV3AQR	208008	963	108	1991
SO CW LP	SV0XAI	167640	648	66	2003
SO CW HP	SV1NN	57084	402	71	1981
MS	SV1DKR	860574	1331	221	1999
Crete					
SO MIX LP	SV0LK	180456	531	103	1998
SO SSB HP	SV9AHZ	83664	504	83	1989
SO CW LP	SV9/LA4XFA (LA4XFA, op.)	191224	590	82	2002
SO CW HP	SV9ADH	176320	577	76	1988

San Marino						
SO SSB LP	T77WT	26908	217	62	1999	
Bosnia-Herzegovina						
SO MIX QP	T94NE	560	15	10	1994	
SO MIX LP	T95A	150144	372	138	1998	
SO MIX HP	T99W	1428480	1772	248	1999	
SO SSB QP	T94DO	66240	364	92	2002	
SO SSB LP	T94ON	1224	34	18	1993	
SO CW QP	T99W	5408	52	26	2004	
SO CW LP	T94FC	440176	915	122	2002	
SO CW HP	T99W	599700	2000	150	2000	
Iceland						
SO MIX LP	TF3VS	111252	272	127	2001	
SO MIX HP	TF3CW	119700	797	75	1978	
SO SSB LP	TF8GX	528808	1992	133	2001	
SO SSB HP	KE0YG/TF (KE0YG, op.)	52628	446	59	1990	
SO CW LP	TF3GB	42752	169	64	2002	
SO CW HP	TF3SD	22800	100	57	1989	
MS	TF3IRA	294930	1305	113	2000	
Corsica						
SO MIX HP	TK5EP	2273020	2790	290	2000	
SO SSB HP	TK1C (F5MZN, op.)	739350	2395	155	2002	
SO CW HP	TK5EP	848736	1684	126	1991	
MS	TK5T	1963116	2656	249	2001	
Kaliningrad						
SO MIX LP	RN2FA	55980	180	90	2000	
SO MIX HP	RW2F (UA2FB, op.)	1195262	1573	251	1999	
SO SSB LP	RU2FL	2800	58	25	2004	
SO SSB HP	UA2FFC	11468	122	47	1982	
SO CW QP	RU2FM	4240	55	20	2006	
SO CW LP	UA2CZ	41464	142	73	2000	
SO CW HP	RA2FBC	368032	741	124	1999	
MS	RW2F	1446016	1718	286	2000	
European Russia						
SO MIX QP	RV3QX	130900	368	119	2001	
SO MIX LP	RD4M	814368	1267	204	2001	
SO MIX HP	RK4FF	1594840	2003	260	2002	
SO SSB QP	UA3BL	83300	428	98	2002	
SO SSB LP	RA6LBS	173568	684	128	2002	
SO SSB HP	R73A	567180	2061	138	2001	
SO CW QP	UA0KCL/3 (UA0KCL, op.)	178976	476	94	2002	
SO CW LP	RN6AL	426684	966	111	2001	
SO CW HP	RM4W	1038162	1612	213	2000	
MS	RW6AWT	2109990	2264	305	2002	
Ukraine						
SO MIX QP	UX0IB	181504	485	128	2002	
SO MIX LP	UR0I	667290	1121	195	1999	
SO MIX HP	EM3J (UU2JZ, op.)	1407648	1816	248	2000	
SO SSB QP	US5WDL	54032	307	88	2001	
SO SSB LP	UZ5U	234740	970	121	2000	
SO SSB HP	UB5PDF	445740	1615	138	1981	
SO CW QP	UW5U (UY2UA, op.)	149968	369	103	2002	
SO CW LP	US3QW	388620	775	127	2002	
SO CW HP	UR8QX	617688	1137	138	2002	
MS	UU7J	1507156	1978	266	2001	
German Dem. Rep. (Deleted)						
SO MIX HP	DM2BTO	240352	1035	116	1979	

SO SSB HP	Y21DK/A (Y21DK, op.)	218610	1041	105	1982
SO CW HP	Y33VL	372736	832	112	1988
MS	Y542A	45584	296	77	1981

Latvia

SO MIX QP	YL3FW	19008	122	48	1998
SO MIX LP	YL0A (YL2KA, op.)	349330	600	181	2001
SO MIX HP	UQ1GWW	1451584	2201	296	1989
SO SSB QP	YL2MF	6480	81	40	1999
SO SSB LP	YL7C	140346	621	113	2000
SO SSB HP	UQ2OP	32886	261	63	1981
SO CW LP	YL2LY	325520	637	130	2001
SO CW HP	YL3DW	473144	833	142	2000
MS	YL7C	772440	1004	246	2001

Romania

SO MIX QP	YO3APJ	187488	401	144	1998
SO MIX LP	YO3APJ	571644	980	201	2001
SO MIX HP	YO4NF	713754	1327	171	1999
SO SSB QP	YO9GZU	16160	202	40	2000
SO SSB LP	YO7LCD	102414	507	101	1990
SO SSB HP	YO9HP	71052	382	93	1990
SO CW QP	YO7FT	118272	347	88	2002
SO CW LP	YO6FX	255360	573	114	2000
SO CW HP	YP3A	809968	1439	142	2002
MS	YO9K2D	213696	732	96	1988

Serbia and Montenegro

SO MIX QP	Y27ED	307650	505	175	1998
SO MIX LP	YU1AU	904264	1277	218	2000
SO MIX HP	Y21AU	1560736	2011	272	2002
SO SSB QP	YU1KN	93526	463	101	2000
SO SSB LP	YU1AAX (YU1JW, op.)	409248	1421	144	1999
SO SSB HP	YU3HR	577576	1978	146	1990
SO CW QP	YU1KR	202776	497	102	2000
SO CW LP	YT4I	468232	939	122	1990
SO CW HP	Y29A (YU1NW, op.)	767296	1262	152	2000
MS	Y21AU	1527900	1983	275	2001

Macedonia

SO MIX QP	Z32AF	117602	287	127	2000
SO MIX LP	Z36W	82678	392	67	2006
SO MIX HP	Z36W	1568	27	16	2008
SO SSB LP	Z31JA	96900	475	102	1999
SO CW QP	Z31GB	24288	132	46	1999
SO CW LP	Z36W	300360	905	100	2002
SO CW HP	Z35X	96	6	4	2008

Albania

SO MIX HP	ZA1AJ (OK2VZ, op.)	11696	104	34	1994
SO SSB LP	ZA/SP5EAQ (SP5EAQ, op.)	324	19	9	2005
SO CW LP	ZA/OK2PSZ (OK2PSZ, op.)	6000	60	25	1993
SO CW HP	ZA1UT (Z36W, op.)	293296	799	92	2003

Gibraltar

SO SSB LP	ZB2/N5OKR (N5OKR, op.)	233002	979	119	1992
SO CW HP	ZB2EO	81300	542	41	1981

NORTH AMERICA

Category	Station	Score	QSOs	Mults	Year
----------	---------	-------	------	-------	------

United Nations HQ

SO MIX HP	4U1UN (R2GM, op.)	1745700	3020	230	1989
-----------	-------------------	---------	------	-----	------

MS	4U1UN	2690280	3656	270	1991
Jamaica					
SO MIX LP	6Y5RJ	106088	423	89	1992
SO MIX HP	WB9AJF/6Y5 (WB9AJF, op.)	598	23	13	1975
SO SSB LP	6Y4Y	70740	394	90	2001
SO SSB HP	WB1EPO/6Y5 (WB1EPO, op.)	25576	278	46	1989
SO CW HP	N0TG/6Y0 (N0TG, op.)	7400	100	37	1981
Barbados					
SO MIX LP	8P6SH	67468	233	101	2002
SO MIX HP	8P9Z (K4BAI, op.)	3788386	4157	301	2002
SO SSB LP	8P6SH	52530	307	85	1998
SO SSB HP	8P6EX	234080	1064	110	2000
SO CW LP	8P9JO	950684	1788	133	1999
SO CW HP	8P9GE (K2PF, op.)	13312	104	32	1994
MS	8P9Z	3496262	3860	311	2000
Bahamas					
SO MIX LP	C6A/K2PS (K2PS, op.)	1352036	1876	218	1999
SO MIX HP	C6ACY (WA7UWE, op.)	468208	2251	104	1979
SO SSB HP	C6A/N4JQQ (N4JQQ, op.)	285714	1287	111	1988
SO CW LP	C6A/W9AU (W9AU, op.)	583440	1333	110	2001
SO CW HP	N4RP/C6A (N4RP, op.)	36520	166	55	1988
MS	C6DX	1692656	3079	238	1998
Cuba					
SO MIX LP	CO8LY	705056	1323	176	2002
SO SSB LP	CO2II	281736	1204	117	2000
SO SSB HP	CO2II	223332	1035	111	2003
SO CW LP	CO8ZZ	595200	1254	120	2002
MS	CO8HF	306590	751	155	1998
Guadeloupe					
SO MIX HP	FG/K6LA (K6LA, op.)	2860560	3498	274	2001
SO SSB LP	FG5FC	429324	1614	133	1992
Martinique					
SO MIX LP	FM5FJ	54362	377	77	1998
SO MIX HP	FM5AN	11808	138	36	2008
SO QSD QP	FM5DN	331224	1492	111	1992
SO SSB LP	FM5FJ	41764	399	53	2005
SO SSB HP	FM5FJ	802464	2572	156	1999
SO CW LP	FM/G38QX (G38QX, op.)	654360	1342	123	2001
SO CW HP	FM7WH	280	10	7	1984
MS	FM5DN	2228928	2812	282	1999
Saint Martin					
SO MIX HP	FG0FWK/FS (W1HCS, op.)	288850	1325	109	1980
SO SSB HP	FS5R	1042888	3386	154	1989
MS	FS/W2JJ	1428724	2008	209	2000
Haiti					
SO MIX HP	HH2PK	889644	2075	178	1993
SO SSB LP	HH2PK	573400	2350	122	1992
SO SSB HP	HH2WL	6102	113	27	1985
SO CW HP	HH2VP	551616	1346	102	1983
MS	HH2MC	975546	3411	143	1980
Dominican Republic					
SO MIX LP	HI8/JA6WFM (JA6WFM, op.)	457728	914	149	2003
SO MIX HP	HT8A (JA5DQH, op.)	1652168	2337	226	1991
SO SSB QP	HI3TEJ	96560	721	68	2006
SO SSB LP	HI8OMA	276792	1214	114	1992
SO SSB HP	HI8GB	377080	1714	110	1983

SO CW QP	HI8XYZ		4	1	1	1990
SO CW LP	HI8DMX (JP1DMX, op.)	641240	1386	115		1990
SO CW HP	HI8A (JA5DQH, op.)	953004	1937	123		1990
MS	HI500UD	89640	517	83		1990
Panama						
SO MIX LP	HP3XUG	199906	430	131		2002
SO MIX HP	HP1XYA	26158	319	41		1977
SO SSB QP	HP3BS	25452	311	42		2006
SO SSB LP	HO1A	438792	1584	141		2002
SO SSB HP	3E1DX (HP1XVH, op.)	673104	2275	148		1999
SO CW QP	HP1AC	18600	154	30		1997
SO CW LP	HP1AC	288144	664	108		2000
SO CW HP	HP1WW	224840	735	77		2006
MS	HP1XAW	561462	1988	141		1981
Honduras						
SO MIX LP	HR6/W7TSQ (W7TSQ, op.)	651904	1300	176		1998
SO MIX HP	W9NXD/HR2 (W9NXD, op.)	290274	1219	101		1983
SO SSB QP	HR2DX	112	8	7		2008
SO SSB LP	HQ2DMR	172172	1123	77		2004
SO SSB HP	HR3J (JA6WFM, op.)	699696	2731	129		2001
SO CW LP	HR9/WQ7R (WQ7R, op.)	27264	214	32		2008
MS	HQ2GL	26978	164	47		2008
Grenada						
SO SSB LP	J37LA (KB4VLO, op.)	144600	964	75		1993
SO SSB HP	J37K	641624	2308	139		1998
SO CW LP	J39BS	14256	109	33		2008
SO CW HP	J38DX (K1KI, op.)	2045440	3197	160		2000
St. Lucia						
SO MIX HP	VP2LAW	14208	218	28		1975
Dominica						
SO MIX HP	VP2D/K7VPF (K7VPF, op.)	11520	180	32		1976
St. Vincent						
SO MIX HP	VP2SS	110080	640	86		1980
MS	J8OK	1786928	2290	242		1998
Guantanamo Bay						
SO MIX HP	KG4OO	63300	633	50		1977
SO SSB LP	KG4DX (W4WX, op.)	345610	1626	107		2002
SO SSB HP	KG4WW	206006	1247	83		2004
U.S. Virgin Islands						
SO MIX QP	NP2O	164492	397	118		1992
SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254		2000
SO MIX HP	KP2A (NL7GP, op.)	3503478	3963	327		1990
SO SSB QP	KP2/WA0QII (WA0QII, op.)	286790	1205	119		2000
SO SSB LP	KP2BH	328548	1255	131		1999
SO SSB HP	KP2A (KW8N, op.)	1659384	4852	171		1991
SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124		2000
SO CW LP	WP2Z (AG8L, op.)	1202852	2244	133		1999
SO CW HP	KP2N	216580	618	85		1992
MS	WP2Z	2492796	3541	258		1998
Puerto Rico						
SO MIX LP	WP4LNY	379692	932	159		2003
SO MIX HP	WP3A	1804960	2563	232		1998
SO SSB QP	KP4KE	366750	1494	125		2002
SO SSB LP	KP4FP	466560	1944	120		1991
SO SSB HP	NP4CC	709290	2627	135		1989
SO CW QP	KP4/AA3GM (AA3GM, op.)	40200	165	67		2001

SO CW LP	NF3G	1080624	1916	141	2000
SO CW HP	NF4Z (NP3A, op.)	1148712	2081	138	2000
MS	NF3X	2052834	2927	259	1999
Canal Zone (Deleted)					
SO MIX HP	KZ5JM	462280	1778	130	1978
Greenland					
SO MIX HP	OX32M	40256	272	74	1979
SO SSB HP	OX32M	53720	340	79	1982
SO CW HP	OX3KD	22176	167	33	1987
St.Maarten Saba St.Eustatius					
SO SSB LP	PJ7/K2KTT (K2KTT, op.)	76936	852	59	1993
SO SSB HP	PJ8UQ	7238	77	47	1980
SO CW QP	PJ5JP	20664	126	41	1998
MS	PJ8CW	214000	800	107	1993
Guatemala					
SO MIX HP	TG9GI	635296	2466	128	1979
SO SSB QP	TG9AJR	103014	531	97	1992
SO SSB LP	TG9AJR	20196	202	51	2001
SO SSB HP	TG9GI	586880	2240	131	1988
Costa Rica					
SO MIX QP	TI5N (NOKE, op.)	420050	877	155	2004
SO MIX HP	TI5N (NOKE, op.)	770408	1681	158	2005
SO SSB QP	TI2KAC	248064	1221	102	2003
SO SSB LP	TI1Z (TI4ZM, op.)	348100	1475	118	1999
SO SSB HP	TI5N (AC9G, op.)	966736	3284	148	2001
SO CW QP	TI3TLS	72716	381	49	2005
SO CW LP	TI3M (TI3TLS, op.)	338624	978	88	2003
SO CW HP	TE5T	298776	633	118	1989
MS	TI5N	2154600	2965	270	2002
Antigua & Barbuda					
SO MIX HP	V26X (K8CX, op.)	2497278	3604	259	1999
SO SSB HP	V2AR0 (WB6SHD, op.)	1011488	3464	146	1982
SO CW LP	V26JT	717824	1402	128	2000
SO CW HP	K9LA/V2A (K9LA, op.)	340684	1598	106	1982
Belize					
SO MIX LP	V31FD	110004	455	89	1997
SO MIX HP	V31MZ	904860	1621	198	1989
SO SSB HP	V3TV	185640	910	102	1982
SO CW HP	V31JP (K8JP, op.)	622000	1562	100	2004
MS	V31QI	1700748	2517	238	2000
St.Kitts & Nevis					
SO MIX LP	V4/W0XG	1760	57	11	2007
SO MIX HP	V47G	1470996	1980	261	1992
SO SSB HP	V44NK	327408	1436	114	2000
MS	V47UY	141750	876	81	2003
Anguilla					
SO SSB LP	VP2EXX	1291800	4306	150	1990
SO SSB HP	VP2EXX	1116448	4016	139	1989
Montserrat					
SO CW HP	VP2MFL (K5BDX, op.)	470400	1151	100	1983
MS	VP2M/ND3A	1402080	2300	230	1988
British Virgin Islands					
SO MIX LP	VP2V/K6L20 (K6L20, op.)	1264690	2021	203	1992
SO MIX HP	VP2VF	143000	90	55	1992

SO SSB LP	VP2VF	663012	2631	126	1998
SO SSB HP	VP2VF	187452	1143	82	1994
Turks & Caicos Islands					
SO MIX LP	VP5D (NOVD, op.)	574830	1504	135	2005
SO SSB QP	VP5UB (KB7UB, op.)	180	18	5	2007
SO SSB LP	VP5JM	646148	2411	134	1991
SO SSB HP	KA3B/VP5 (KA3B, op.)	758172	2747	138	1988
SO CW QP	VP5E (R00K, op.)	1980	34	15	2007
SO CW LP	VP5/KM9D (KM9D, op.)	197120	616	80	1998
MS	VP5K	4091778	4655	309	2000
Bermuda					
SO MIX LP	WA1AWJ/VP9 (WA1AWJ, op.)	48752	187	88	1992
SO SSB LP	VP9/KX5H (KX5H, op.)	144	9	8	1990
Mexico					
SO MIX LP	XE2AC	701008	1463	154	2003
SO MIX HP	XE2DV	648180	1954	130	1997
SO SSB LP	XE1MX	254186	1741	73	1997
SO SSB HP	XE2DV	750054	3049	123	1998
SO CW QP	XE3HLV/1 (XE3HLV, op.)	169344	588	72	1990
SO CW LP	XE1/JA1OXY (JA1OXY, op.)	318240	780	102	1992
SO CW HP	XE1MM	456320	1247	92	2003
MS	XE2FU	2177154	3152	259	1989
Nicaragua					
SO MIX LP	H6C (YN4SU, op.)	420640	707	176	2001
SO MIX HP	YN1AA	32340	303	49	1974
SO SSB HP	YN6WFM	219450	1045	105	1997
El Salvador					
SO MIX HP	YS1XS	106506	422	97	1995
SO SSB LP	YS1X (YS1RRD, op.)	189336	1029	92	1993
SO SSB HP	YS1OD	34286	217	79	1991
Cayman Islands					
SO MIX LP	ZF2NT	1378580	2192	215	2003
SO MIX HP	ZF2NT	2572304	3602	238	1998
SO SSB LP	ZF2AH	8856	126	36	2004
SO SSB HP	ZF2AH	911436	3045	151	2002
SO CW QP	ZF2NT	713160	1415	126	2000
SO CW HP	ZF2NT	1594200	2679	150	2002
MS	ZF2AR	1734770	2763	235	1999

OCEANIA					
Category	Station	Score	QSOs	Mults	Year
Fiji					
SO MIX HP	3D2YU (YZ1AU, op.)	1006500	1827	183	2003
Western Samoa					
SO MIX HP	5W1AU	36712	353	52	1974
SO SSB HP	5W1MM (JR6FIP, op.)	28280	404	35	1994
East Malaysia					
SO MIX LP	9M6YBG	1530	52	9	2008
SO MIX HP	9M6XRO	61600	354	55	2006
Tonga					
SO MIX LP	A35RK	19488	125	56	2006
Philippines					

SO MIX LP	DU10DD	87984	331	117	1999
SO MIX HP	KE9A/DU3 (KE9A, op.)	438470	893	163	1989
SO SSB QP	4D68LER	8512	152	28	2000
SO SSB LP	4F4IX	204672	985	104	1999
SO SSB HP	WA2UUK/DU2 (WA2UUK, op.)	354624	1847	96	1980
SO CW QP	DU7/N7ET (N7ET, op.)	78384	284	69	2000
SO CW LP	DU10DX	111000	375	71	2000
SO CW HP	KP4KK/DU2 (KP4KK, op.)	247548	1256	98	1981
New Caledonia					
SO MIX LP	FK8VHN	87408	506	72	1997
SO SSB HP	FK8GM	1092000	3501	156	1999
SO CW LP	FK8CA	418496	1002	104	1991
SO CW HP	FK8CL	79218	489	81	1980
French Polynesia					
SO MIX HP	FO5IW	80850	525	77	1988
SO SSB HP	FO8HL	67848	514	66	1981
Solomon Islands					
SO SSB HP	H448H	25916	209	62	1981
Minami Torishima					
SO SSB LP	JH7EAY/JD1 (JH7EAY, op.)	25740	234	55	1991
SO CW LP	JD1BIC/JD1 (JD1BIC, op.)	255024	830	77	1999
Mariana Islands					
SO MIX QP	NH0H	16	8	2	2002
SO MIX LP	WH0V	433188	951	162	1998
SO MIX HP	KG6SL	4440	111	20	1977
SO SSB HP	KH0CE	77356	466	83	1998
SO CW LP	NH0E	177072	526	84	1998
SO CW HP	NH0E	119024	347	86	1999
MS	KH0A	2012350	2783	241	2000
Guam					
SO MIX LP	WH2D (K3UOC, op.)	8466	156	17	2006
SO MIX HP	KG6DX	1524384	2280	237	1990
SO SSB HP	AH2E	741600	3200	119	1980
SO CW LP	NH2DX (KH2D, op.)	511700	1075	119	1999
SO CW HP	N7DF/KH2 (N7DF, op.)	768600	1525	126	1990
MS	KH2F	239700	1037	85	1987
Johnston Island					
SO MIX HP	AH3C	2188680	3179	244	1990
SO SSB HP	KH3/KH6GMP (KH6GMP, op.)	101840	680	76	2002
Midway Island					
SO MIX HP	KM6FC	46368	551	42	1977
SO SSB LP	KH4/W4ZYV (W4ZYV, op.)	176880	1005	88	1999
American Samoa					
SO MIX HP	KH8/N5OLS (N5OLS, op.)	1555890	2586	217	1998
SO SSB LP	AH8K	1080	54	10	1996
SO SSB HP	AH8A	38200	350	56	1996
MS	KH8Q	44982	224	63	2006
Papua New Guinea					
SO MIX LP	P29JA	234	9	9	1992
East Kiribati					
MS	T32CK	1624	55	14	2004
Palau					
MS	T88XQ	1321920	2237	204	1999

Micronesia					
SO SSB HP	V63YL	38554	521	37	1991
Marshall Islands					
SO MIX LP	V73CW	881620	1742	170	1999
SO MIX HP	KX6HE (N2PC, op.)	128160	417	89	1988
SO SSB QP	V73UX	13200	120	55	1999
SO SSB LP	V73CT	298980	1510	99	1991
SO SSB HP	V73UX	451704	1915	118	2000
MS	V73UX	444912	1471	138	1998
Brunei Darussalam					
SO MIX LP	V85PB	53856	382	68	1992
SO SSB LP	V85BJ	8424	108	39	1992
Australia					
SO MIX QP	VK4FRAJ	9576	137	21	2007
SO MIX LP	VK4EMM	1400400	1779	225	1999
SO MIX HP	VK4EMM	1160720	1494	220	1998
SO SSB QP	VK4NEF	7104	111	32	1997
SO SSB LP	VK4EJ	192284	907	106	1999
SO SSB HP	VK4VU	364896	1629	112	1980
SO CW QP	VK5NJ	2236	43	13	1997
SO CW LP	VK8AV	499500	999	125	1992
SO CW HP	VK4EMM	565800	1238	115	2002
MS	VK4DZ	1200960	1652	240	1999
Indonesia					
SO MIX QP	YC2OK	6522	84	36	1998
SO MIX LP	YC3OSE	112784	306	177	1991
SO MIX HP	YB3ASO	284648	731	161	1989
SO SSB LP	YB2ARO	132880	604	110	1991
SO SSB HP	YB2CR	68586	497	69	1988
SO CW QP	YB5AQB	2128	38	14	2006
SO CW LP	YB5QZ	183960	656	70	1999
SO CW HP	YB0ATB/3 (PA0LOU, op.)	97308	477	51	1988
MS	YB2ZCW	263568	577	152	1989
Vanuatu					
SO SSB HP	YJ8M	226240	1120	101	1989
S. Cook Islands					
SO MIX HP	ZK1BA	38352	376	51	1976
New Zealand					
SO MIX LP	ZL1TM	657980	1021	197	2001
SO MIX HP	ZL1ALZ	176550	531	107	2004
SO SSB LP	ZL2ACF	122760	620	99	1991
SO SSB HP	ZL1ANJ	616176	2334	132	1988
SO CW QP	ZL1AIH	85768	310	71	2001
SO CW LP	ZL1GO	517532	1201	109	2002
SO CW HP	ZL2DX (ZL2BSJ, op.)	916608	1848	124	1998
MS	ZL1V	1568916	2186	219	2004
Kermadec Islands					
SO MIX HP	ZM8OY (ZL8OY, op.)	126700	768	70	1985

SOUTH AMERICA

Category	Station	Score	QSOs	Mults	Year

Trinidad & Tobago					
SO MIX HP	9Y4VU	10738	91	59	1979

SO SSB HP	9Y4BU	2494	43	29	1989
Chile					
SO MIX LP	CE5/SM3SGP (SM3SGP, op.)	1523632	1917	242	1999
SO MIX HP	XR8Y (XQ8ABF, op.)	765752	2587	148	1998
SO SSB LP	3G5A (XQ5SM, op.)	82944	515	81	2002
SO SSB HP	CE3FIP	535236	1833	146	1991
SO CW LP	CE3AA (XQ3IDY, op.)	152148	408	93	1998
SO CW HP	CE3F (CE3FIP, op.)	892380	1605	139	1998
MS	3G3R	1217088	2111	144	2000
Easter Island					
SO MIX HP	CE0AE	16296	194	42	1977
Bolivia					
SO MIX HP	CP1EU	15930	177	45	1974
SO SSB LP	N9RPC/CP1 (N9RPC, op.)	2916	81	18	1995
SO SSB HP	CP1FF	48594	273	89	1991
Uruguay					
SO MIX LP	CX2AQ	427310	753	173	2004
SO MIX HP	CX5BW	1964476	2547	262	2000
SO SSB LP	CV1A (CX8DX, op.)	408272	1501	136	1997
SO SSB HP	CX7BL	342720	1440	119	1990
SO CW QP	CX2AQ	95116	303	79	2003
SO CW LP	CX9AU	552288	1059	132	2001
SO CW HP	CX7BY	575040	1198	120	1998
MS	CX5BW	2767008	2924	304	2002
French Guiana					
SO MIX LP	FY5FY	2288540	3021	265	2002
SO MIX HP	FY0BHI	74102	469	79	1975
SO SSB HP	FY5KE (FY5FY, op.)	1106000	3514	158	2003
SO CW LP	FY5FP	413540	898	115	1992
MS	FY/N4ODX	73920	420	88	1991
Ecuador					
SO MIX LP	HC2SL	439560	1028	108	1997
SO MIX HP	HC2SL	1587300	2111	222	1998
SO SSB LP	HD2RG	44530	305	73	1996
SO SSB HP	HC1HC	826880	2584	160	2002
MS	HC2G	2446830	3150	279	1988
Colombia					
SO MIX LP	HK3AXY	222890	515	155	2002
SO MIX HP	HK3NBB	418664	1324	118	1983
SO SSB LP	HK3JJH	719400	2398	150	1991
SO SSB HP	HK3JJH	718074	2583	139	1990
SO CW HP	HK7IMB	5888	46	32	1987
MS	HK3A	951300	3171	150	1981
Argentina					
SO MIX QP	L5F (LU1FNH, op.)	65320	196	92	1994
SO MIX LP	LU5WW	1668238	2075	247	1998
SO MIX HP	LU6ETB (N5KO, op.)	2250754	2986	263	1997
SO SSB QP	LU3VD	175208	724	121	2000
SO SSB LP	LU6ETB	734478	2253	163	1992
SO SSB HP	AZ4F (LU2FFD, op.)	977952	2928	167	1988
SO CW QP	AY7EE	250880	504	128	2002
SO CW LP	LU2BRG	735080	1598	115	1997
SO CW HP	LU8DO	735816	1426	129	1983
MS	LT1F	3151780	3456	295	2002
Peru					
SO MIX HP	OA4SS	438600	1011	150	2006

SO SSB QP	OA4CPI	14700	175	42	1996
SO SSB HP	OA4CRK	371856	1464	127	1998
SO CW LP	OA4ZV	342720	816	105	1992
SO CW HP	OA4CWR	323204	833	97	1993
MS	OA4O	1218228	1993	242	2001
Aruba					
SO MIX LP	P43E	516336	1269	106	1999
SO MIX HP	P40V	2950432	3619	274	1999
SO SSB LP	P40B (P43P, op.)	748170	2468	153	2002
SO SSB HP	P43P	742644	2525	147	1998
SO CW LP	P40CW	539448	1166	114	1992
SO CW HP	P43E	689564	2573	134	2000
MS	P40K	2272952	3276	253	2002
Netherland Antilles					
SO MIX HP	PJ2T (WB9Z, op.)	756704	2071	136	2005
SO SSB HP	PJ2I (ON4CFD, op.)	804004	2698	149	1999
SO CW LP	PJ9/PA0VDV (PA0VDV, op.)	509404	1123	113	1998
MS	PJ2T	2170710	2733	267	2002
Brazil					
SO MIX QP	PY2WC	131846	328	143	2002
SO MIX LP	PV8DX	1458688	1850	259	2001
SO MIX HP	PY2XE	787780	1096	238	1998
SO SSB QP	PY2XDX	25216	197	64	1997
SO SSB LP	ZX2B (PY2MNL, op.)	512276	1547	166	2002
SO SSB HP	ZX5J	1420848	3886	184	2002
SO CW QP	PY1WX	102416	354	74	2004
SO CW LP	ZV8O	741840	1407	132	2000
SO CW HP	PY2NDX	1229584	2086	148	2002
MS	ZW5B	2606310	2584	315	2002
Fernando de Noronha					
SO MIX HP	PY0FF	19734	154	39	2007
SO SSB HP	PY0FF	199272	874	114	1992
SO CW HP	PY0FF (W4VA, op.)	1356272	2291	148	2000
St. Peter & St. Paul Rocks					
SO SSB LP	ZW0S	23546	195	61	2003
Suriname					
SO MIX HP	JA1PIG/PZ (JA1PIG, op.)	369600	1523	120	1978
SO SSB HP	PZ5GA	37692	349	54	1981
SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
MS	PZ5C	347766	748	149	2005
South Shetland Islands					
SO MIX LP	LZ0A (LZ2UU, op.)	672192	1136	216	1999
Venezuela					
SO MIX QP	YV5YMA	26010	157	51	2005
SO MIX LP	YV7QP	148352	360	122	2000
SO MIX HP	YV3BRF	230724	889	102	1983
SO SSB QP	4M1G	66144	312	106	1990
SO SSB LP	YV5CVE	206540	921	115	2002
SO SSB HP	YV6CAX	659974	2773	119	1988
SO CW LP	YV5AAX	100080	287	90	2002
SO CW HP	YV1OB	104016	394	66	1994
MS	YV4A	2917488	3764	266	2000
Paraguay					
SO SSB HP	ZP5JCY	887680	2774	160	1992
SO CW LP	ZP6M	966528	1697	144	2001
SO CW HP	ZP6CW	256608	797	81	2002

MS 2P9EH 84 9 3 2007

AERONAUTICAL MOBILE
Category Station Score QSOs Mults Year

Aeronautical Mobile ITU Region II
SO MIX HP W1PH/AM (W1PH, op.) 112812 714 79 1978

MARINE MOBILE
Category Station Score QSOs Mults Year

Marine Mobile ITU Region I
SO MIX HP PA0MIR/MM (PA0MIR, op.) 39480 272 70 1978
SO SSB HP WB8RFB/MM1 (WB8RFB, op.) 20060 170 59 1982

Marine Mobile ITU Region II
SO MIX LP K5LZO/MM (K5LZO, op.) 219564 657 114 1996
SO MIX HP K5LZO/MM (K5LZO, op.) 187630 445 145 1991
SO SSB LP LU9JTC 18290 155 59 1999
SO SSB HP NN4Y/MM2 (NN4Y, op.) 10800 150 36 1983
SO CW LP N2NL 113120 415 70 2003
MS W6VLD/MM2 124902 771 81 1980

Marine Mobile ITU Region III
SO MIX HP KM6LP/MM3 (KM6LP, op.) 1650 41 11 1993
SO CW LP W7SW/MM3 (W7SW, op.) 4712 62 19 1992
SO CW HP NJ7D/MM3 (NJ7D, op.) 57584 244 59 1990

=====

TOP NON - W / V E Q S O T O T A L S

Cnty Category Station Score QSOs Mults Year

TI SO MIX QP TI5N (N0KE, op.) 420050 877 155 2004
HA SO MIX QP HA2A 485974 783 193 1999
HA SO MIX QP HA5BSW 492570 758 195 1999
DL SO MIX QP DL6RDR 509850 725 225 2001
OK SO MIX QP OK2PP 424352 720 178 2001

FY SO MIX LP FY5FY 2288540 3021 265 2002
KP2 SO MIX LP WP2Z (AG8L, op.) 2301240 2841 254 2000
ZF SO MIX LP ZF2NT 1378580 2192 215 2003
LU SO MIX LP LU5WW 1668238 2075 247 1998
XW SO MIX LP XW1IC 1189224 2074 199 2002

ZD8 SO MIX HP ZD8Z (N6TJ, op.) 4733880 5063 309 2002
8P SO MIX HP 8P9Z (K4BAI, op.) 3788386 4157 301 2002
KP2 SO MIX HP KP2A (NL7GP, op.) 3503478 3963 327 1990
ZD8 SO MIX HP ZD8Z (N6TJ, op.) 3337668 3874 278 2001
ZS SO MIX HP ZS6Z (JM1CAX, op.) 2932224 3815 256 2000

KP4 SO SSB QP KP4KE 366750 1494 125 2002
FM SO SSB QP FM5DN 331224 1492 111 1992
KP4 SO SSB QP WP4EDD 302498 1298 119 2003
TI SO SSB QP TI2KAC 212978 1288 83 2004
TI SO SSB QP TI2KAC 248064 1221 102 2003

VP2E SO SSB LP VP2EXX 1291800 4306 150 1990
VP2V SO SSB LP VP2VF 663012 2631 126 1998

F1	SO SSB LP	F10B (F13P, op.)	748170	2468	153	2002
VP5	SO SSB LP	VP5JM	614628	2439	126	1998
VP5	SO SSB LP	VP5JM	646148	2411	134	1991
D4	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
KP2	SO SSB HP	KP2A (KW6N, op.)	1659384	4852	171	1991
VP2E	SO SSB HP	VP2EXX	1116448	4016	139	1989
FY	SO SSB HP	ZX5J	1420848	3886	184	2002
KP2	SO SSB HP	WP2Z (K8MJZ, op.)	1088004	3840	142	2002
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
ZF	SO CW QP	ZF2NT	713160	1415	126	2000
JA	SO CW QP	JALYNE (JR1NKN, op.)	308660	675	115	2001
UN	SO CW QP	UP6F (UN7FZ, op.)	204204	663	77	2000
BV	SO CW QP	BV3FG	235316	661	89	1999
UA9,0	SO CW LP	UA0JB	543000	4344	125	1999
KP2	SO CW LP	WP2Z (AG6L, op.)	1202052	2244	103	1999
KP4	SO CW LP	NP3G	1080624	1916	141	2000
8P	SO CW LP	8P9JO	950684	1788	133	1999
ZP	SO CW LP	ZP6M	966528	1697	144	2001
PZ	SO CW HP	PZ5JR (OE0XX, op.)	2100744	3211	163	1999
J3	SO CW HP	J38DX (K1KI, op.)	2045440	3197	160	2000
ZF	SO CW HP	ZF2NT	1508428	2727	139	2001
ZF	SO CW HP	ZF2NT	1594200	2679	150	2002
P4	SO CW HP	P43E	689564	2573	134	2000
VP5	MS	VP5K	4091778	4655	309	2000
VP5	MS	VP5B	3673930	4188	295	1999
VP5	MS	VP5DX	3128488	3972	292	2000
8P	MS	8P9Z	3496262	3860	311	2000
8P	MS	8P9Z	3311080	3823	295	1998

=====

T O P N O N - W / V E M U L T I P L I E R T O T A L S

=====

Cnty	Category	Station	Score	QSOs	Mults	Year
DL	SO MIX QP	DL6RDR	509850	725	225	2001
HA	SO MIX QP	HA5BSW	492570	758	195	1999
HA	SO MIX QP	HA2A	485974	783	193	1999
DL	SO MIX QP	DL6RDR	347060	567	185	1999
LZ	SO MIX QP	LZ1UQ	311540	531	185	2000
HA	SO MIX LP	HA6NF	978880	1313	266	2002
FY	SO MIX LP	FY5FY	2288540	3021	265	2002
LJ	SO MIX LP	LU5WW	1663700	1846	262	1999
FY	SO MIX LP	FV8DX	1458688	1850	259	2001
KP2	SO MIX LP	WP2Z (AG6L, op.)	2301240	2841	254	2000
KP2	SO MIX HP	KP2A (NL7GP, op.)	3503478	3963	327	1990
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
HA	SO MIX HP	HA0DU	1548708	1845	309	1990
8P	SO MIX HP	8P9Z (K4BAI, op.)	3788386	4157	301	2002
OK	SO MIX HP	OK1RI	1000502	2091	301	2002
LJ	SO SSB QP	LU1VK	121158	477	127	1999
KP4	SO SSB QP	KP4KE	366750	1494	125	2002
LJ	SO SSB QP	LU3VD	175208	724	121	2000
LJ	SO SSB QP	LU1VK	113014	471	121	2001
CT	SO SSB QP	CT7BOP (CT1BOP, op.)	154320	648	120	2002

I	SO SSB LP	IK2ZVU	344660	811	190	2000
ON	SO SSB LP	OT4MA (ON4MA, op.)	469404	1326	177	1999
KP4	SO SSB LP	WP3GG	12528	36	174	2000
ON	SO SSB LP	OT4AAQ (ON4AAQ, op.)	773136	2301	168	1990
PY	SO SSB LP	ZX2B (PY2MNL, op.)	512276	1547	166	2002
PY	SO SSB HP	ZW5B (PY5EG, op.)	1073200	2683	200	1999
CT3	SO SSB HP	CR3R (CT3BX, op.)	942256	2506	188	1992
DL	SO SSB HP	DK5QN	486168	1293	188	1998
HA	SO SSB HP	HG8IE (HA8IE, op.)	596070	1611	185	1991
PY	SO SSB HP	ZX5J	1420848	3886	184	2002
LU	SO CW QP	AY7EE	250880	504	128	2002
ZF	SO CW QP	ZF2NT	713160	1415	126	2000
F	SO CW QP	F5PTM	265608	543	126	2001
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
JA	SO CW QP	JALYNE (JR1NKN, op.)	308660	675	115	2001
LZ	SO CW LP	LZ2GS	245520	396	155	2000
I	SO CW LP	IK4UPB	714816	1168	153	2000
ZP	SO CW LP	ZP6M	966528	1697	144	2001
I	SO CW LP	I3MLU (I23EYZ, op.)	540864	946	144	2002
LY	SO CW LP	LY2TA	632060	1102	143	1999
SM	SO CW HP	SM5RE	69000	250	247	1989
UA	SO CW HP	RM4W	1038162	1612	213	2000
JA	SO CW HP	JEL8PY	136800	678	200	1980
UA9,0	SO CW HP	UA9CDC	379008	676	168	2000
PZ	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
CT	MS	CT8W	2834352	2946	324	1999
ON	MS	OT0T	1947240	1842	324	2000
ON	MS	ON4UN	1873400	1844	323	2002
ON	MS	OT9T	2073660	2110	321	1999
PY	MS	ZW5B	2606310	2584	315	2002

=====

NON - W / V E L O G S B Y C O N T I N E N T

=====

Year	Africa	Asia	Europe	N. America	Oceania	S. America	Total
1973	3/5.0%	19/31.7%	18/30.0%	7/11.7%	6/10.0%	6/10.0%	60
1974	0/0.0%	10/18.9%	8/15.1%	15/28.3%	5/9.4%	14/26.4%	53
1975	6/13.0%	9/19.6%	11/23.9%	7/15.2%	3/6.5%	9/19.6%	46
1976	1/1.8%	26/46.4%	6/10.7%	11/19.6%	4/7.1%	7/12.5%	56
1977	1/0.7%	23/16.0%	79/54.9%	17/11.8%	10/6.9%	13/9.0%	144
1978	2/0.6%	60/16.8%	273/76.5%	11/3.1%	2/0.6%	7/2.0%	357
1979	2/0.4%	106/22.7%	332/71.2%	11/2.4%	5/1.1%	10/2.1%	466
1980	6/1.2%	100/20.5%	347/71.1%	11/2.3%	12/2.5%	8/1.6%	488
1981	4/0.8%	102/19.5%	374/71.6%	15/2.9%	15/2.9%	12/2.3%	522
1982	9/1.5%	133/21.8%	417/68.2%	16/2.6%	12/2.0%	23/3.8%	611
1983	9/2.2%	93/22.3%	257/61.6%	17/4.1%	15/3.6%	25/6.0%	417
1984	5/3.1%	44/27.7%	77/48.4%	11/6.9%	6/3.8%	16/10.1%	159
1985	4/2.1%	50/26.5%	102/54.0%	12/6.3%	9/4.8%	12/6.3%	189
1986	1/0.5%	39/19.4%	116/57.7%	14/7.0%	10/5.0%	20/10.0%	201
1987	5/2.2%	62/27.1%	112/48.9%	15/6.6%	15/6.6%	20/8.7%	229
1988	13/2.0%	138/21.0%	433/65.9%	21/3.2%	23/3.5%	29/4.4%	657
1989	13/1.9%	138/20.0%	474/68.6%	23/3.3%	18/2.6%	25/3.6%	691
1990	8/1.1%	159/21.9%	493/68.0%	21/2.9%	14/1.9%	29/4.0%	725
1991	9/1.2%	151/19.7%	532/69.4%	22/2.9%	22/2.9%	30/3.9%	767
1992	23/3.2%	163/22.9%	436/61.3%	28/3.9%	27/3.8%	31/4.4%	711
1993	20/5.4%	84/22.6%	190/51.2%	22/5.9%	17/4.6%	37/10.0%	371

1994	11/4.2%	61/23.2%	102/38.8%	21/8.0%	13/4.9%	55/20.9%	263
1995	11/4.8%	48/21.1%	84/37.0%	12/5.3%	10/4.4%	61/26.9%	227
1996	8/3.3%	62/25.2%	82/33.3%	15/6.1%	19/7.7%	59/24.0%	246
1997	10/2.5%	99/24.3%	187/45.9%	19/4.7%	28/6.9%	64/15.7%	407
1998	19/1.9%	218/21.4%	616/60.4%	31/3.0%	31/3.0%	105/10.3%	1020
1999	20/1.8%	250/22.0%	721/63.4%	31/2.7%	38/3.3%	75/6.6%	1138
2000	16/1.4%	266/22.6%	767/65.1%	26/2.2%	20/1.7%	84/7.1%	1179
2001	18/1.9%	205/21.3%	629/65.5%	30/3.1%	19/2.0%	60/6.2%	961
2002	19/1.5%	254/19.9%	838/65.7%	31/2.4%	30/2.4%	104/8.2%	1276
2003	12/1.3%	168/18.7%	579/64.5%	40/4.5%	25/2.8%	72/8.0%	897
2004	19/2.7%	134/19.2%	402/57.5%	34/4.9%	23/3.3%	87/12.4%	699
2005	14/2.1%	145/21.3%	399/58.7%	31/4.6%	23/3.4%	68/10.0%	680
2006	17/3.0%	92/16.2%	318/56.0%	33/5.8%	23/4.0%	85/15.0%	568
2007	15/3.9%	60/15.6%	159/41.3%	27/7.0%	22/5.7%	102/26.5%	385
2008	15/2.8%	84/15.9%	271/51.2%	31/5.9%	29/5.5%	99/18.7%	529

=====

NON - W / V E LOGS BY ENTRY CATEGORY

=====

Year	SO Mixed Mode			SO Phone Only			SO CW Only			MS	Total
	QP	LP	HP	QP	LP	HP	QP	LP	HP		
1973	-	-	57	-	-	-	-	-	-	3	60
1974	-	-	52	-	-	-	-	-	-	1	53
1975	-	-	42	-	-	-	-	-	-	4	46
1976	-	-	54	-	-	-	-	-	-	2	56
1977	-	-	141	-	-	-	-	-	-	3	144
1978	-	-	328	-	-	-	-	-	-	29	357
1979	-	-	415	-	-	-	-	-	-	51	466
1980	-	-	115	-	-	178	-	-	154	41	488
1981	-	-	106	-	-	200	-	-	153	63	522
1982	-	-	121	-	-	236	-	-	183	71	611
1983	-	-	92	-	-	169	-	-	111	45	417
1984	-	-	26	-	-	82	-	-	31	20	159
1985	-	-	43	-	-	73	-	-	55	18	189
1986	-	-	41	-	-	76	-	-	61	23	201
1987	-	-	54	-	-	96	-	-	48	31	229
1988	-	-	121	-	-	231	-	-	233	72	657
1989	-	-	106	-	-	264	-	-	250	71	691
1990	7	56	69	12	92	140	29	102	146	72	725
1991	4	69	46	8	152	105	38	163	94	88	767
1992	16	94	36	16	146	74	26	160	68	75	711
1993	9	47	34	9	71	53	8	71	29	40	371
1994	9	44	16	8	54	44	4	37	23	24	263
1995	5	39	17	5	47	42	10	39	14	9	227
1996	4	35	22	8	64	24	9	46	18	16	246
1997	7	70	41	7	92	44	14	69	31	32	407
1998	17	152	75	23	209	110	30	241	98	65	1020
1999	17	142	92	26	205	132	39	273	107	105	1138
2000	20	150	103	26	206	100	38	288	141	107	1179
2001	23	138	70	16	188	85	37	241	78	85	961
2002	18	178	85	33	251	114	58	323	116	100	1276
2003	17	142	72	26	162	74	42	223	79	60	897
2004	17	98	54	25	147	67	34	165	51	41	699
2005	18	108	61	13	134	55	26	173	56	36	680
2006	10	95	49	18	113	44	19	129	54	37	568
2007	8	66	31	15	68	31	10	72	39	45	385
2008	8	76	51	14	92	34	21	105	55	73	529

Generated: Tue Apr 7 19:14:33 PDT 2009

ARRL 10 Meter Contest Records through 2008 - DX

Record Scores for Stations Outside the United States and Canada

(Does not include Alaska or Hawaii, but does include all other
U.S. Territories and Possessions.)

=====

W O R L D R E C O R D S

=====

Cnty	Category	Station	Score	QSOs	Mults	Year
K	SO MIX QP	KG9X	886650	1064	257	2001
KP2	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
KP4	SO SSB QP	KP4KE	366750	1494	125	2002
VP2E	SO SSB LP	VP2EXX	1291800	4306	150	1990
D4	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
K	SO CW LP	K1TO	1218000	2040	150	2002
PZ	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
VP5	MS	VP5K	4091778	4655	309	2000

=====

C O N T I N E N T A L R E C O R D S

=====

Continent	Category	Station	Score	QSOs	Mults	Year
Africa	SO MIX QP	5Z4FO	55678	192	97	1992
Africa	SO MIX LP	SU9ZZ	1329300	1980	210	2000
Africa	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
Africa	SO SSB OP	EA8AUW (EC8AUA, op.)	2400	50	24	2005
Africa	SO SSB LP	CR3M (CT3BM, op.)	606080	1894	160	1992
Africa	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
Africa	SO CW QP	Z86DX	138376	364	98	2002
Africa	SO CW LP	SU9ZZ	611832	1379	111	1999
Africa	SO CW HP	ZD8LII (G0LII, op.)	1367520	2310	148	1992
Africa	MS	CT3EE	2164620	2850	258	2001
Antarctica	SO MIX QP	----	----	----	----	----
Antarctica	SO MIX LP	----	----	----	----	----
Antarctica	SO MIX HP	KC4AAC (WB6KIL, op.)	43920	366	60	1975
Antarctica	SO SSB QP	----	----	----	----	----
Antarctica	SO SSB LP	----	----	----	----	----
Antarctica	SO SSB HP	----	----	----	----	----
Antarctica	SO CW QP	----	----	----	----	----
Antarctica	SO CW LP	----	----	----	----	----
Antarctica	SO CW HP	----	----	----	----	----
Antarctica	MS	----	----	----	----	----
Asia	SO MIX QP	JAIYNE (JP1OGL, op.)	326360	614	164	2000
Asia	SO MIX LP	XW1IC	1189224	2074	199	2002
Asia	SO MIX HP	JY9NX (JM1CAX, op.)	2291058	2895	261	2001
Asia	SO SSB QP	JA1XDA	66196	494	67	1990
Asia	SO SSB LP	5B4AAL	540432	1944	139	1991
Asia	SO SSB HP	9K9Z	616680	2303	135	2001
Asia	SO CW QP	JAIYNE (JR1NKN, op.)	308660	675	115	2001
Asia	SO CW LP	5B4AGN	680504	1408	121	2000

Asia	SO CW HP	JY9NX (JM1CAX, op.)	1264896	2204	144	2002
Asia	MS	RT9W	1364500	1749	250	2002
Europe	SO MIX QP	DL6RDR	509850	725	225	2001
Europe	SO MIX LP	CT1ILT	1223552	1674	242	2002
Europe	SO MIX HP	TK5EP	2273020	2790	290	2000
Europe	SO SSB QP	F8BON	168590	737	115	2001
Europe	SO SSB LP	OT4AAQ (ON4AAQ, op.)	773136	2301	168	1990
Europe	SO SSB HP	CT8T (I4UFH, op.)	948660	2910	163	2000
Europe	SO CW QP	F5PTM	265608	543	126	2001
Europe	SO CW LP	IK4UPB	714816	1168	153	2000
Europe	SO CW HP	GM3POI	1086016	1919	142	2001
Europe	MS	CT8W	2834352	2946	324	1999
N. America	SO MIX QP	TI5N (N0KE, op.)	420050	877	155	2004
N. America	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
N. America	SO MIX HP	8P9Z (K4BAI, op.)	3788386	4157	301	2002
N. America	SO SSB QP	KP4KE	366750	1494	125	2002
N. America	SO SSB LP	VP2EXX	1291800	4306	150	1990
N. America	SO SSB HP	KP2A (KW8N, op.)	1659384	4852	171	1991
N. America	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
N. America	SO CW LP	WP2Z (AG8L, op.)	1202852	2244	133	1999
N. America	SO CW HP	J38DX (K1KI, op.)	2045440	3197	160	2000
N. America	MS	VP5K	4091778	4655	309	2000
Oceania	SO MIX QP	VK4FRAJ	9576	137	21	2007
Oceania	SO MIX LP	VK4EMM	1400400	1779	225	1999
Oceania	SO MIX HP	AH3C	2188680	3179	244	1990
Oceania	SO SSB QP	V73UX	13200	120	55	1999
Oceania	SO SSB LP	V73CT	298980	1510	99	1991
Oceania	SO SSB HP	FK8GM	1092000	3501	156	1999
Oceania	SO CW QP	ZL1AIH	85768	310	71	2001
Oceania	SO CW LP	ZL1GO	517532	1201	109	2002
Oceania	SO CW HP	ZL2DX (ZL2BSJ, op.)	916608	1848	124	1998
Oceania	MS	KH0A	2012350	2783	241	2000
S. America	SO MIX QP	PY2WC	131846	328	143	2002
S. America	SO MIX LP	FY5FY	2288540	3021	265	2002
S. America	SO MIX HP	P40V	2950432	3619	274	1999
S. America	SO SSB QP	LU3VD	175208	724	121	2000
S. America	SO SSB LP	P40B (P43P, op.)	748170	2468	153	2002
S. America	SO SSB HP	ZX5J	1420848	3886	184	2002
S. America	SO CW QP	AY7EE	250880	504	128	2002
S. America	SO CW LP	ZP6M	966528	1697	144	2001
S. America	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
S. America	MS	LT1F	3151780	3456	295	2002

=====
A R R L D X C C E N T I T Y R E C O R D S
=====

AFRICA						
Category	Station	Score	QSOs	Mults	Year	
Swaziland						
SO CW HP	3DA0AD (LX1NO, op.)	270	11	9	2000	
Tunisia						
SO SSB LP	3V8BB	527988	1913	138	1998	
MS	3V8BB	978600	2132	210	1999	

Guinea						
SO SSB HP	3X0HLU	290360	1190	122	1992	
Libya						
SO MIX LP	5A1A	109610	435	37	1998	
SO MIX HP	5A1A	84660	318	86	1999	
Tanzania						
SO MIX HP	5H3US	980244	1580	219	1998	
SO CW HP	5H3RK	155904	445	87	1999	
Nigeria						
SO MIX LP	5N8BRC (UA3AGW, op.)	45600	182	76	2001	
SO SSB LP	5N0T	202520	830	122	1997	
SO CW LP	5N3CPR	129668	420	77	1998	
Mauritania						
SO MIX LP	5T5JC	260000	628	130	1994	
SO CW HP	5T5CJ	461616	978	118	1988	
Niger						
SO MIX HP	5U7M (JH4NMT, op.)	1670708	2407	247	1992	
SO SSB LP	5U7B	6660	91	37	2004	
SO SSB HP	TU4BR/5U7 (KA9DOO, op.)	524790	1785	147	1988	
Uganda						
SO MIX LP	5X4F	10584	95	36	1995	
SO MIX HP	5X4F	30228	458	66	1996	
SO CW LP	5X1X (K3JT, op.)	25576	141	46	2003	
Kenya						
SO MIX QP	5Z4FO	55678	192	97	1992	
SO MIX LP	5Z4FO	77080	274	94	1991	
SO SSB HP	8Z4BI	256272	1124	114	1992	
SO CW LP	5Z4TT	136488	517	66	1992	
MS	5Z4CL	118180	622	95	1982	
Senegal						
SO SSB LP	6W1EA	107322	588	93	2005	
SO SSB HP	6V1C (6W1QV, op.)	381276	1513	126	1997	
SO CW HP	6W1SE	4416	49	23	2007	
MS	6W8HL	508326	1911	133	1981	
Lesotho						
SO MIX LP	7F88R	186480	491	140	1992	
SO MIX HP	7F8BH	32340	193	70	1978	
SO SSB LP	7F8EB	77522	467	83	1992	
SO SSB HP	7F8ZZ (ZS6WEX, op.)	397062	1551	129	2002	
Malawi						
SO MIX HP	7Q7JA	37800	172	90	1990	
SO SSB LP	7Q7XX	5600	112	25	1995	
SO CW LP	7Q7XX	581196	1220	119	1992	
Algeria						
SO CW HP	7X0RY	104416	503	52	2006	
Ghana						
SO MIX LP	9G5ZS	16226	107	61	2004	
SO MIX HP	9G1JX	9594	123	39	1975	
Zambia						
SO MIX HP	9J2AL	166272	477	96	1988	
SO SSB LP	9J2FR	311760	1299	120	1992	
SO SSB HP	9J2FR	412034	1549	133	1999	

SO CW HP	9J2AL	519680	1118	116	1989
Sierra Leone					
SO SSB LP	9L1JI	10710	105	51	1993
Dem. Rep. of Congo					
SO SSB HP	9Q0AR (F6BLQ, op.)	539560	1955	140	2001
Rwanda					
SO CW HP	9X5AB (ON8RA, op.)	40470	566	71	1980
Botswana					
SO MIX LP	A22MN	150480	414	154	1992
SO MIX HP	A22MN	955360	1648	220	1993
SO SSB HP	A22ME	3780	105	18	1984
The Gambia					
SO MIX LP	C56/SM0JHF (SM0JHF, op.)	18522	100	49	1992
SO SSB HP	C53CL	60188	367	82	1982
Mozambique					
SO MIX HP	C9RJJ	1307642	2024	217	1992
Morocco					
SO MIX HP	CN8FC	890442	1343	191	1989
SO SSB LP	CN8KD	341406	1467	117	2003
SO SSB HP	CN8KD	778128	2512	156	2002
SO CW LP	CN8YR	195040	530	92	2000
SO CW HP	CN8CY	176400	978	90	1982
Madeira Islands					
SO MIX LP	CT3KN	488220	692	206	2002
SO MIX HP	CT3FQ	7776	71	36	2008
SO SSB LP	CR3M (CT3BM, op.)	606080	1894	160	1992
SO SSB HP	CT3BX	1075806	3039	177	1999
SO CW LP	SM0JHF/CT3 (SM0JHF, op.)	7188	56	32	1993
SO CW HP	OH1MA/CT3 (OH1MA, op.)	236720	1063	110	1980
MS	CT3RF	2164620	2850	258	2001
Angola					
SO MIX HP	D25L (PA3DZN, op.)	18816	102	49	1996
SO SSB HP	D2EL (EA7EL, op.)	757044	2474	153	1992
SO CW LP	D2NX (JM1CAX, op.)	9472	74	32	2007
Cape Verde					
SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
Canary Islands					
SO MIX LP	EA8/DJ1OJ (DJ1OJ, op.)	562744	940	182	2003
SO MIX HP	EA8TY	240552	1025	117	1979
SO SSB QP	EA8AUW (EC8AUW, op.)	2400	50	24	2005
SO SSB LP	EA8TX	212716	1003	107	2004
SO SSB HP	EA8AH (OH1RY, op.)	999600	2956	170	2001
SO CW QP	EA8/SM6CUK (SM6CUK, op.)	25740	116	55	2003
SO CW LP	EA8CN	440496	873	126	1999
SO CW HP	EA8AB	421200	900	117	1989
MS	EA8AH	885778	1426	211	2005
Ceuta & Melilla					
SO MIX HP	EA9UK	238740	603	138	1992
SO SSB LP	EA9TQ	43524	279	78	1993
SO SSB HP	EA9RY	391748	1646	119	1988
Liberia					
SO MIX LP	EL2WW (ON4WN, op.)	277200	663	105	1998

SO MIX HP	5L2AV	263736	989	132	1979
SO SSB HP	5L2T (EL2T, op.)	192024	889	108	1987
Reunion					
SO SSB LP	FR5DX	536400	1800	149	1992
Sao Tome & Principe					
SO SSB HP	S9SS	31668	275	58	2005
Sudan					
SO MIX LP	ST2T (S57CQ, op.)	6156	105	27	2005
SO SSB LP	ST2T (S57CQ, op.)	120	11	6	2006
Egypt					
SO MIX LP	SU9ZZ	1329300	1980	210	2000
SO CW LP	SU9ZZ	611832	1379	111	1999
Central Africa					
SO MIX HP	TL0R (PA3DZN, op.)	2244550	2804	265	1998
Cote d'Ivoire					
SO MIX HP	TU2NW	318060	847	135	1983
SO SSB LP	TU4EG	415250	1661	125	1992
SO SSB HP	TU2UI	27900	186	75	1989
Mali					
SO CW HP	TZ6DX	812952	1613	126	1999
Namibia					
SO MIX LP	V5/DL5XL (DL5XL, op.)	2704	34	26	2007
SO MIX HP	V51/DL5XL (DL5XL, op.)	272976	674	141	2004
SO SSB LP	V51SG	50058	309	81	1997
SO CW HP	Z83Z (Z86BCR, op.)	29328	156	47	1985
Chagos Islands					
SO SSB LP	VQ9OG	8704	136	32	2004
MS	VQ9IO	574656	1040	146	1999
Burkina Faso					
SO SSB LP	XT2TI	463488	1717	136	2002
Zimbabwe					
SO MIX LP	Z29KM	3320	43	20	2008
SO MIX HP	Z21KD	160716	681	118	1997
SO SSB LP	Z21CS	73260	407	90	1998
SO SSB HP	Z21KD	108120	530	102	1999
Ascension Island					
SO MIX LP	ZD8DEZ	26038	202	47	1996
SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
SO CW LP	ZD8LII	564072	1230	114	1991
SO CW HP	ZD8LII (G0LII, op.)	1367520	2310	148	1992
South Africa					
SO MIX LP	ZS1NF	98368	263	116	2001
SO MIX HP	Z86Z (JM1CAX, op.)	2932224	3815	256	2000
SO SSB LP	Z86YA	230160	959	120	1993
SO SSB HP	Z86BRZ	406714	1529	133	1993
SO CW QP	Z86DX	138376	364	98	2002
SO CW LP	Z80E (Z86AJS, op.)	174356	479	91	1999
SO CW HP	Z86BRZ	459160	1767	130	2000
MS	Z86TVB	9024	94	48	1993

ANTARCTICA

Category	Station	Score	QSOs	Mults	Year

Antarctica					
SO MIX HP	KC4AAC (WB6RIL, op.)	43920	366	60	1975

ASIA					
Category	Station	Score	QSOs	Mults	Year

Vietnam					
SO MIX LP	3W4DX	703542	1422	147	1990
MS	3W4VL	523488	1656	82	1992
Azerbaijan					
SO MIX HP	UD6CN	62764	442	71	1979
SO SSB HP	UD6DLL	2760	60	23	1982
SO CW LP	UD6GF	9344	100	32	1992
SO CW HP	UD6DFF	59072	284	52	1989
Georgia					
SO MIX HP	UF6QAC	180722	552	109	1988
SO SSB HP	UF6FER	34720	280	62	1982
SO CW LP	4L8A	129624	491	66	1998
SO CW HP	4L8A	944772	1817	131	2002
MS	UK6FGD	15080	145	52	1982
Sri Lanka					
SO CW HP	4S7MX	126936	773	82	1981
Israel					
SO MIX LP	4Z4DX	675352	1244	164	1990
SO MIX HP	4X1KS	261942	644	149	2000
SO SSB LP	4X6DK	36360	404	45	2005
SO SSB HP	4X4VF	65254	413	79	1988
SO CW LP	4Z5AX	541448	1290	106	2001
SO CW HP	4X/S59PR (S59PR, op.)	398208	976	102	1992
Cyprus					
SO MIX LP	C4Z (5B4AIZ, op.)	1410	29	15	2008
SO MIX HP	H2G (5B4AGC, op.)	1920604	2455	239	2000
SO SSB LP	5B4AAL	540432	1944	139	1991
SO SSB HP	5B4AAL	248850	1185	105	1990
SO CW LP	5B4AGN	680504	1408	121	2000
SO CW HP	5B4AHA	186000	756	62	2003
MS	5B4XX	163228	1118	73	1983
Kuwait					
SO MIX HP	9K2BE (G4BWP, op.)	14220	158	45	1981
SO SSB HP	9K9Z	616680	2303	135	2001
SO CW LP	9K90 (9K2RR, op.)	322620	855	95	2001
SO CW HP	9K2HN	120	6	5	2008
MS	9K2ZZ	266932	801	83	1992
West Malaysia					
SO MIX LP	9M2TO	324762	861	113	1998
SO MIX HP	9M2TO	594432	1275	129	1999
SO SSB LP	9W2DRL	170	18	5	2008
SO CW LP	9M2JI	84912	366	58	1999
SO CW HP	9M2/G4ZFE (G4ZFE, op.)	397480	1056	95	2002
Singapore					
SO MIX HP	9V1VB	49200	282	50	1988
SO SSB LP	9V1UV	14200	142	50	2002

SO SSB HP	9V1UV	30240	271	56	2001
SO CW LP	9V1CW	1260	45	7	2005
SO CW HP	9V1YC	73564	348	53	2002
MS	9V1UV	16	3	2	2008
Oman					
SO MIX LP	A45WD (YO9HP, op.)	294196	675	133	2003
SO CW LP	A45WD (YO9HP, op.)	6832	62	28	2004
SO CW HP	A45XR	440388	941	117	1998
Bhutan					
SO MIX HP	A51PN	7360	115	32	1980
United Arab Emirates					
SO SSB LP	A61AV	42188	398	53	2002
SO SSB HP	A61AJ (S57CQ, op.)	259166	1291	101	2003
SO CW LP	A61AV	1872	41	12	2004
SO CW HP	A61AJ	989456	1870	134	2001
Qatar					
SO MIX HP	A71CW (SP5EXA, op.)	2142	41	17	1994
Bahrain					
SO SSB HP	A92BE	90396	486	93	1991
Taiwan					
SO MIX LP	BW3/UA3VCS (UA3VCS, op.)	506792	1013	143	2002
SO SSB LP	BV2WA	126324	726	87	1992
SO SSB HP	BV2WA	149940	765	98	1991
SO CW QP	BV3FG	235316	661	89	1999
SO CW LP	BV/JH3GCN (JH3GCN, op.)	144832	498	73	1998
SO CW HP	BV7FF	247064	694	89	1999
China					
SO MIX QP	B4TB	240	8	8	2003
SO MIX LP	BD7JLR	31064	211	44	2006
SO MIX HP	BY1DX (OH2PM, op.)	717120	1429	160	1999
SO SSB LP	BD4DW	56848	418	68	1998
SO SSB HP	BD4CZX	496	31	8	2008
SO CW LP	BD7JLR	240	10	6	2007
MS	BD7IXG	576	17	9	2007
Palestine					
SO CW LP	E4/G3WQU (G3WQU, op.)	34320	195	44	1999
Armenia					
SO MIX LP	UG6JJ	33600	115	50	1990
SO MIX HP	UG6GAF	95906	607	79	1978
SO SSB LP	4J4GK	17010	189	45	1991
SO SSB HP	EK6YL	54188	593	46	2005
SO CW LP	EK6LP	4692	51	23	1999
SO CW HP	UG6JJ	5032	74	17	1986
Iran					
SO MIX HP	EP2IA (G3SXW, op.)	167664	998	84	1978
Kyrgyzstan					
SO MIX LP	UM8DX	166192	791	68	1991
SO MIX HP	EX2M	936856	1862	181	2001
SO SSB LP	EX0Y	166936	1084	77	1998
SO SSB HP	EX2T	213622	1042	103	2001
SO CW LP	EX2X	57288	342	42	2005
SO CW HP	EX8MZ	207000	690	75	1998
Tajikistan					

SO MIX LP	EY8MM	161268	532	89	2000
SO MIX HP	UJ8JAS	5150	103	25	1978
SO SSB LP	EY8MM	83096	613	68	2002
SO CW HP	UJ8JA	162260	665	61	1991
MS	UJ9KWC	24794	253	49	1990
Turkmenistan					
SO MIX LP	EZ3A	7400	99	37	2001
SO MIX HP	UH8EAD	45508	376	62	1979
SO SSB LP	EZ3A (EZ8CW, op.)	14212	209	34	2000
South Korea					
SO MIX LP	HL2FDW	321920	660	160	2002
SO MIX HP	HL1CG	97008	312	94	1998
SO SSB LP	HL9AX	46728	354	66	1992
SO SSB HP	HL9TF	134784	648	104	1988
SO CW QP	HL9JK	8784	61	36	1991
SO CW LP	HL5UOG	111520	328	85	2000
SO CW HP	HL5UOG	79048	241	82	2002
Thailand					
SO MIX LP	E21EIC	45210	240	55	2003
SO MIX HP	E21EIC	536536	1336	154	1999
SO SSB LP	HS0/VE3XO (VE3XO, op.)	124270	731	85	1999
SO SSB HP	HS0ZCX/8 (HS0ZCX, op.)	80896	632	64	1998
SO CW LP	HS0ZDZ	43516	260	43	2003
SO CW HP	HS0ZCR (W1NN, op.)	79904	454	44	1997
MS	E20RRW	341360	726	136	2000
Saudi Arabia					
SO MIX LP	HZ1IK	1332	27	18	2005
SO MIX HP	HZ1HZ	368368	631	182	1989
SO SSB LP	7Z1SJ	63792	445	72	2002
SO SSB HP	HZ1AB (DU1CSU, op.)	28914	237	61	1989
SO CW HP	7Z5OO (K3UOC, op.)	58140	285	51	1997
Japan					
SO MIX QP	JA1YNE (JP1OGL, op.)	326360	614	164	2000
SO MIX LP	JN3PYQ	880152	1332	217	2000
SO MIX HP	JA8RWU	1468698	2070	231	2001
SO SSB QP	JA1XDA	66196	494	67	1990
SO SSB LP	JA0QNJ	412918	1507	137	1991
SO SSB HP	JA7YAA (JJ3CNL, op.)	561816	1836	153	1989
SO CW QP	JA1YNE (JR1KNK, op.)	308660	675	115	2001
SO CW LP	JF1SQC	615984	1253	123	1999
SO CW HP	JH3AIU	935788	1776	133	2001
MS	JJ3YBB	1317960	1920	252	1999
Ogasawara					
SO MIX LP	JA5IGX/JD1 (JA5IGX, op.)	64960	421	58	1992
SO MIX HP	JH7UJU/JD1 (JH7UJU, op.)	205280	939	80	1983
SO SSB LP	JD1BIA	29028	246	59	1999
SO SSB HP	JH7EAY/JD1 (JH7EAY, op.)	32214	413	39	1988
SO CW QP	JD1AHC	280	10	7	2007
Mongolia					
SO MIX HP	JT1BG	4968	92	27	1979
SO SSB LP	JT1BV	78110	535	73	1999
SO SSB HP	JT1BQ	10296	156	33	1988
SO CW HP	JT1BH	423516	1217	87	1999
Jordan					
SO MIX HP	JY9NX (JM1CAX, op.)	2291058	2895	261	2001
SO SSB LP	JY9NE (N3FNE, op.)	9990	111	45	1999
SO SSB HP	JY9LC	45448	299	76	1988

SO CW HP	JY9NX (JM1CAX, op.)	1264896	2204	144	2002
MS	JY9QJ	103076	393	73	2003
Lebanon					
SO MIX HP	OD5LX	5940	90	22	1977
SO SSB LP	OD5NJ	7598	131	29	1997
SO SSB HP	OH1TD/4U (OH1TD, op.)	1520	40	19	1981
SO CW LP	OD5/F5SQM (F6FYA, op.)	272580	885	77	1999
SO CW HP	OD5/OK1MU (OK1MU, op.)	1226136	2174	141	2000
Turkey					
SO MIX QP	TA2ZO	30	3	3	1994
SO MIX LP	TA2ZAF (OK1MU, op.)	116472	513	69	2005
SO SSB LP	YM2RC (TA2RC, op.)	74866	451	83	2002
SO SSB HP	TA5FA	17316	223	39	2001
SO CW LP	TA2ZF	125692	474	67	2003
MS	YM3NA	324768	887	136	2000
Asiatic Russia					
SO MIX QP	RX98R	228280	572	130	2002
SO MIX LP	RG90 (RZ9OU, op.)	649980	1405	157	2001
SO MIX HP	UA9CDV	918694	1412	211	2002
SO SSB QP	RK9KWB	64476	398	81	1998
SO SSB LP	UA0ZBK	249432	1094	114	1999
SO SSB HP	RS0F (UA0FZ, op.)	351680	1269	140	2001
SO CW QP	RA9WW	83824	340	62	2001
SO CW LP	UA0JB	543000	4344	125	1999
SO CW HP	RA0BA	432960	988	110	2002
MS	RT9W	1364500	1749	250	2002
Uzbekistan					
SO MIX LP	UK7F	8544	96	24	1997
SO MIX HP	UI8LAF	11392	178	32	1978
SO CW LP	UK8FF	48	4	3	1994
Kazakhstan					
SO MIX LP	UN6P	623410	1318	155	2001
SO MIX HP	UL7ACI	371968	1453	128	1989
SO SSB LP	UP5P (UN5PR, op.)	249260	1210	103	2000
SO SSB HP	UL7ACI	357000	1500	119	1988
SO CW QP	UP6F (UN7FZ, op.)	204204	663	77	2000
SO CW LP	UN5J	353220	1018	87	2002
SO CW HP	UP4L (UN7LZ, op.)	380256	932	102	2000
MS	UP0L	1308096	2018	216	2000
Hong Kong					
SO MIX LP	VR2XLN	5184	63	27	2005
SO MIX HP	VR2KF	487014	1153	141	1998
SO SSB HP	VS6WO	258876	1269	102	1991
SO CW LP	VS6BG	4	1	1	1995
SO CW HP	VR2BG	872460	1665	131	1999
MS	VS6WO	1142206	1860	197	1992
India					
SO MIX QP	VU2UR	7040	56	32	2003
SO MIX LP	VU2UR	29184	136	64	1992
SO MIX HP	VU2GO	28288	272	52	1979
SO SSB LP	VU3DMP	7400	100	37	2000
SO SSB HP	VU2NCR	41288	397	52	1989
SO CW QP	AT2UR	2128	28	19	1998
SO CW LP	VU2BGS	29328	191	39	2005
SO CW HP	VU2NBT (AA4U, op.)	187720	722	65	1990
Cambodia					
SO MIX HP	XU7AAP	43216	223	73	2000

Laos						
SO MIX LP	XW1IC	1189224	2074	199	2002	
MS	XW3YL	1664	104	8	1990	
Macao						
SO SSB HP	XX9TRF (K2PF, op.)	7938	115	21	1992	
Iraq						
SO MIX LP	YI9GT (SP3GTS, op.)	56826	295	63	2004	
Syria						
SO SSB HP	YK1AO	18124	197	46	1982	
UK Sov. Base Areas on Cyprus						
SO MIX LP	ZC4BS	404820	904	130	2001	
SO CW LP	ZC4DW	376992	926	102	2002	
SO CW HP	ZC4LI	187712	841	56	2005	

 EUROPE
 Category Station Score QSOs Mults Year

ITU HQ						
SO MIX HP	4U1ITU (N6TR, op.)	1520038	2243	247	1990	
SO CW HP	4U1ITU (DK7YY, op.)	12600	105	30	1997	
MS	4U1ITU	293040	1221	120	1980	
Croatia						
SO MIX QP	9A2EY	183400	406	131	2000	
SO MIX LP	9A7P (9A6NHH, op.)	338744	663	161	1998	
SO MIX HP	9A5E	1956654	2178	293	2002	
SO SSB QP	9A7Z2	33756	196	87	2002	
SO SSB LP	9A1P	401962	1346	151	2001	
SO SSB HP	9A2AJ	86490	465	93	1993	
SO CW QP	9A0C (9A2HI, op.)	190376	449	106	2000	
SO CW LP	9A3VM	612648	1206	127	2000	
SO CW HP	9A3GW	1061456	1807	148	2001	
MS	9A1O	1171620	1627	230	2000	
Malta						
SO MIX HP	9H4G	9790	89	55	1978	
SO SSB HP	9H4G	27900	155	90	1981	
SO CW LP	9H3MR (IK1PMR, op.)	26288	212	31	2005	
SO CW HP	9H1ZA	1016400	1665	154	2002	
MS	9H6A	778392	1491	171	2003	
Andorra						
MS	C3IMK	299000	1300	115	1979	
Portugal						
SO MIX LP	CT1ILT	1223552	1674	242	2002	
SO MIX HP	CT/F6EPY (F6EPY, op.)	661624	1204	191	1998	
SO SSB QP	CT7BOP (CT1BOP, op.)	154320	648	120	2002	
SO SSB LP	CT8T (CT1DVV, op.)	626924	2163	146	2001	
SO SSB HP	CT8T (I4UFH, op.)	948660	2910	163	2000	
SO CW QP	CT1ETE	250860	560	113	2001	
SO CW LP	CT1AOZ	67280	296	58	2003	
SO CW HP	CT1AOZ	291720	710	102	1999	
MS	CT8W	2834352	2946	324	1999	
Azores						
SO MIX LP	CU3LF	163680	492	120	1992	
SO MIX HP	CU2BR	570500	1544	175	1988	

SO SSB LP	CU3LF	330496	1291	128	1991
SO SSB HP	CT2FH (K1RZ, op.)	474012	2079	114	1983
SO CW LP	CU2JT	10304	92	28	2005
SO CW HP	CU3AA	269800	715	95	2004
Fed. Rep. of Germany					
SO MIX QP	DL6RDR	509850	725	225	2001
SO MIX LP	DL1WA	306950	594	175	2000
SO MIX HP	DL6FBL	1723800	2597	256	1989
SO SSB QP	DH5YDT	8904	106	42	1999
SO SSB LP	DK0BP (DL3KDV, op.)	312156	1131	138	1992
SO SSB HP	DL2ARD	666496	2041	164	2001
SO CW QP	DK3KD	86508	243	89	2000
SO CW LP	DK0ALC (DL1CW, op.)	323204	689	119	2002
SO CW HP	DL1IAO	799092	1333	151	2002
MS	DL6RAI	1719062	2068	277	2001
Spain					
SO MIX QP	EA1BP	20400	117	68	2002
SO MIX LP	EA7GTF	1142848	1763	224	2001
SO MIX HP	EA3KU	1289980	1949	234	1991
SO SSB QP	EA1BZ	9984	106	48	2003
SO SSB LP	EA4BT	264410	972	137	2002
SO SSB HP	EA3ATM	569596	1815	157	1999
SO CW QP	EA7AAW	127696	352	92	2002
SO CW LP	EA5FID	447216	847	132	1999
SO CW HP	EA5WU	858452	1333	61	1991
MS	EA7GTF	872236	1456	202	2000
Balearic Islands					
SO MIX LP	EA6ZY	192150	460	105	1993
SO MIX HP	EA6GP	71200	258	80	1990
SO SSB LP	EA6VQ	86000	500	86	1998
SO SSB HP	EA6VO	629888	2128	148	1988
SO CW LP	EA6ZY	691424	1394	124	1991
SO CW HP	EA6KZ	172000	500	86	1983
MS	EA6RCM	134136	729	92	1983
Ireland					
SO MIX LP	EI5DI	1025200	1482	200	2001
SO MIX HP	EI8IC	527924	856	191	2000
SO SSB LP	EI4CF	215740	811	134	2002
SO SSB HP	EI8IR	480912	1876	129	2001
SO CW LP	EI8GP	374612	787	119	2000
SO CW HP	EI4BZ	27176	161	43	2004
MS	EI3JE	945568	1958	208	2002
Moldova					
SO MIX QP	ER5DX	160740	462	141	2002
SO MIX LP	ER6A (ER1LW, op.)	863902	1199	223	2001
SO MIX HP	ER0ND (UT7ND, op.)	1308882	1827	227	2001
SO SSB LP	ER5DX	25088	197	64	2001
SO SSB HP	ER0F (UX0FF, op.)	423654	1441	147	1999
SO CW QP	ER1EA	5712	51	28	2001
SO CW LP	ER100	346528	738	119	2001
SO CW HP	ER100	356592	781	114	1998
MS	ER3R	549072	944	186	2001
Estonia					
SO MIX LP	ES5RY	388690	547	235	2002
SO MIX HP	ES6PZ	366320	606	190	2002
SO SSB QP	ES88W	15080	146	52	2002
SO SSB LP	ES5RW	182710	757	121	2001
SO SSB HP	ES5GI	283718	1131	127	2001
SO CW QP	ES2JL	26260	101	65	2001

SO CW LP	ES2DJ	225344	502	112	2001
SO CW HP	ES5QX	693836	1221	143	2002
MS	ES2X	821490	1540	197	2001
Belarus					
SO MIX QP	EW6DI	11440	78	55	1999
SO MIX LP	RC2AZ	531024	842	184	1991
SO MIX HP	UC2OE	125496	401	84	1989
SO SSB QP	EU6FF	6882	111	31	1998
SO SSB LP	EV6C	89300	476	95	2002
SO SSB HP	EW4MM	172360	695	124	1999
SO CW QP	UC2OV	19320	137	35	1991
SO CW LP	EU1DX	522600	986	134	2001
SO CW HP	EW8EW	694800	1170	150	2002
MS	UK2AAW	134600	673	100	1982
France					
SO MIX QP	F8CED	126084	339	133	2001
SO MIX LP	F5NLY	639364	814	242	2002
SO MIX HP	FF0XX (FB1MUX, op.)	1166096	1411	248	1992
SO SSB QP	F8BON	168590	737	115	2001
SO SSB LP	F5TDK	336824	1186	142	2000
SO SSB HP	TM5C (F6CTT, op.)	863200	2610	166	2002
SO CW QP	F5PTM	265608	543	126	2001
SO CW LP	F6AUS	295320	671	115	2001
SO CW HP	F6BEE	937860	1610	147	2002
MS	TM1T	1678512	2118	264	1999
England					
SO MIX QP	G00GN	104218	269	107	2000
SO MIX LP	G0WMW	361896	617	204	2001
SO MIX HP	M0SDX	1529496	1780	291	2002
SO SSB QP	G4MET	47850	275	87	1991
SO SSB LP	G3VAO	372650	1292	145	2001
SO SSB HP	G4OJH	510188	1862	137	1990
SO CW QP	G4EDG	238336	532	112	2000
SO CW LP	G3SXW	289500	577	125	1999
SO CW HP	M7M (G0CKP, op.)	772416	1353	144	2002
MS	M5X	1986468	2057	298	2001
Isle of Man					
SO MIX HP	GD0EMG (G1GEY, op.)	406746	833	177	2002
SO SSB HP	GD4HOX	22032	162	68	1980
SO CW HP	MD0CCE	704	16	11	2007
Northern Ireland					
SO MIX LP	GI0NWG	74340	274	105	1991
SO MIX HP	GI4FUM	19716	159	62	1978
SO SSB LP	GI0KOW	212534	893	119	1991
SO SSB HP	GI0UJG	621516	2110	147	1998
SO CW HP	GI4KHZ	12544	112	56	1980
MS	GI0SRM	251472	1105	111	1999
Jersey					
SO SSB HP	GJ0KKB	40672	248	82	1988
SO CW LP	MJ0ASP (F5SHQ, op.)	11008	86	32	2003
Scotland					
SO MIX QP	2M0ACI	11360	108	20	1992
SO MIX LP	GM0EGI	82836	342	117	2002
SO MIX HP	GM4FDM	512116	817	226	2002
SO SSB QP	GM4ELV	14396	122	59	2002
SO SSB LP	GM3BCL	61466	421	73	1998
SO SSB HP	GM4YXI	836022	2636	159	2001
SO CW QP	GM4HQF	82360	290	71	1999

SO CW LP	GM3CFS	214652	520	103	2000
SO CW HP	GM3FOI	1086016	1919	142	2001
MS	MM7I	725904	1360	213	2001
Guernsey					
SO MIX LP	MU0GSY	216	18	6	2008
SO MIX HP	GU5CIA (K5MM, op.)	170483	852	101	1978
SO SSB LP	2UUGSY	120	10	6	2005
SO SSB HP	MU0C (GCOFE, op.)	482516	1702	142	1999
SO CW LP	GU0SUP	87576	247	89	2002
Wales					
SO MIX LP	GW0GEI	2473	40	21	2008
SO MIX HP	GW3YDX	1594412	1977	277	1998
SO SSB QP	MW5W (MW5HOC, op.)	19760	155	65	2002
SO SSB LP	MW5EPA	127012	574	113	2001
SO SSB HP	CW1BLE	786980	2459	160	1989
SO CW QP	GW41TG	115784	355	82	2002
SO CW LP	GW3NJW	378720	789	120	2000
SO CW HP	GW3NJW	548000	1108	125	2001
MS	GW8GT	1361822	2065	239	1988
Hungary					
SO MIX QP	HA5BSW	492570	758	195	1999
SO MIX LP	HA6NF	978880	1313	266	2002
SO MIX HP	HA0DU	1548703	1845	309	1990
SO SSB QP	HA5ORK	18762	159	59	2000
SO SSB LP	HA4XG	75330	405	93	1990
SO SSB HP	HA0NAR	630300	1910	165	1991
SO CW QP	HG4I	121176	328	99	2001
SO CW LP	HA6NL	422240	754	140	2000
SO CW HP	HA7UG	648043	1174	138	2000
MS	HG0D	959574	1747	217	1989
Switzerland					
SO MIX LP	HB9DCM	323164	618	173	2001
SO MIX HP	HB7G (HB7AW, op.)	58220	405	71	1979
SO SSB LP	HD9DMQ	13224	76	07	1990
SO SSB HP	HB9FBO	409344	1312	156	1999
SO CW QP	HB9DAX	60900	175	87	2002
SO CW LP	HB9ARF	341172	730	117	2001
SO CW HP	HB9APJ	165640	410	101	2002
MS	HB9FAP	782040	1072	245	2002
Italy					
SO MIX QP	IK2BCP	15600	91	75	2000
SO MIX LP	IC8CQF	378760	800	170	2001
SO MIX HP	IB8A (IR8DOI, op.)	791903	1489	194	1988
SO SSB QP	I23ESV	30774	225	69	2002
SO SSB LP	IY3TAN	390600	1260	155	1992
SO SSB HP	IT9A (IT9GSE, op.)	826410	2535	163	1991
SO CW QP	IK5TS3	74844	231	81	1998
SO CW LP	IK4UDB	714916	1168	153	2000
SO CW HP	IK0YVV	721756	1226	149	2002
MS	IR4T	2209272	2745	292	1991
Sardinia					
SO MIX LP	IS0IGV	343197	601	171	2000
SO MIX HP	IS0IGV	100464	307	22	1998
SO SSB LP	IS0/I2ADN (I2ADN, op.)	163240	742	110	1998
SO SSB HP	IS0GSR	54560	341	80	1999
SO CW LP	IS0HQJ	63000	210	75	1998
SO CW HP	IS0HQJ	158080	415	95	1999
Svalbard					

SO MIX HP	JW6MY	788	24	16	1981
Norway					
SO MIX LP	LA8OM	253080	498	148	2001
SO MIX HP	LA8SDA	1181760	1620	240	2001
SO SSB QP	LA1XDA	31248	252	62	1991
SO SSB LP	LA5JX	98156	463	106	2002
SO SSB HP	LA6YEA	393210	1292	153	2001
SO CW QP	LA2HFA	25568	142	47	1991
SO CW LP	LA1YE	293712	636	116	2001
SO CW HP	LA6YEA	657216	1141	144	1999
MS	LA9ZV	301250	1205	125	1980
Luxembourg					
SO MIX LP	LX1JH	93744	298	126	2000
SO MIX HP	LX1NO	75820	446	85	2002
SO SSB LP	LX1NW	54648	297	92	2000
SO SSB HP	LX1NO	707232	2231	159	2001
SO CW LP	LX2PA	240064	496	121	1990
SO CW HP	LX5A (HA1AG, op.)	1054208	1865	142	2001
MS	LX5A	866762	1727	221	2002
Lithuania					
SO MIX QP	LY2FE	276276	530	161	1999
SO MIX LP	LY3BA	779248	1058	226	2002
SO MIX HP	LY7Z (LY2TA, op.)	1216292	1675	242	2001
SO SSB LP	LY2DM	144432	623	118	2002
SO SSB HP	LY5A (LY3MM, op.)	513010	1789	145	2001
SO CW QP	LY1DT	55200	200	69	1999
SO CW LP	LY2TA	632060	1102	143	1999
SO CW HP	LY7Z (LY2TA, op.)	738968	1309	142	2002
MS	LY1YK	928284	1177	257	2002
Bulgaria					
SO MIX QP	LZ1UQ	311540	531	185	2000
SO MIX LP	LZ9W	1085280	1540	240	2002
SO MIX HP	LZ1NG	1127124	1643	239	2002
SO SSB LP	LZ1HB	134176	605	112	2001
SO SSB HP	LZ1W	449648	1432	157	1989
SO CW QP	LZ2RS	151240	399	95	2000
SO CW LP	LZ2PL	444600	855	130	2000
SO CW HP	LZ5W (LZ1MC, op.)	555244	1092	127	1999
MS	LZ1KOZ	1132160	1679	232	1990
Austria					
SO MIX LP	OE2M (OE2WPO, op.)	61740	206	90	2001
SO MIX HP	OE8Q (OE8SKQ, op.)	1074528	1669	234	2002
SO SSB LP	OE6CLD	104544	484	108	1992
SO SSB HP	OE1EMS	545292	1702	162	2002
SO CW QP	OE3BCA	36816	156	59	1999
SO CW LP	OE2LCM	133760	351	95	1999
SO CW HP	OE3EMN/1 (OE3EMN, op.)	178048	414	107	1992
MS	OE2S	1551792	2039	264	2001
Aland Islands					
SO MIX HP	OH3JR/0 (OH3JR, op.)	17591	171	51	1979
MS	OH0Z	1806066	2108	269	1999
Finland					
SO MIX QP	OH6HAE	30	3	3	1999
SO MIX LP	OH7MA	315104	555	172	1991
SO MIX HP	OH1F (OH1NOA, op.)	1270508	1640	254	2002
SO SSB QP	OH5NHI	17262	137	63	1990
SO SSB LP	OH1MIE	308352	1056	146	1991
SO SSB HP	OH1EH	419430	1353	156	1991

SO CW QP	OH3XR	92700	314	75	2001
SO CW LP	OH7MM	345600	675	128	1999
SO CW HP	OH6RX	557536	1054	133	2002
MS	OH1AF	1230504	1871	237	1989
Czech Republic					
SO MIX QP	OK2PP	424352	720	178	2001
SO MIX LP	OK2PP	517902	762	209	2002
SO MIX HP	OK1RI	1800582	2091	301	2002
SO SSB QP	OK1GW	49140	273	90	2000
SO SSB LP	OK1RI	421600	1360	155	1998
SO SSB HP	OK2RZ	559200	1864	150	2000
SO CW QP	OK2WTM	131316	356	93	2002
SO CW LP	OK2PAY	410256	777	132	1999
SO CW HP	OK1MD	635960	1222	130	1999
MS	OL5Q	870300	1222	225	2000
Czechoslovakia (Deleted)					
SO MIX QP	OK2HI	8856	65	41	1992
SO MIX LP	OK3KAG	214700	599	100	1991
SO MIX HP	OK1RI	1307552	2113	232	1990
SO SSB QP	OK3CRH	19740	141	70	1990
SO SSB LP	OK1VAM	145544	644	113	1990
SO SSB HP	OK3CFA	321646	1157	139	1989
SO CW QP	OK1FFC	59724	231	63	1990
SO CW LP	OM6VD	396264	926	114	1990
SO CW HP	OK1ADS	672500	1342	125	1989
MS	OK3KFF	899540	1698	205	1990
Slovakia					
SO MIX LP	OM6T	703948	938	217	2000
SO MIX HP	OM5M (OM3BH, op.)	1430094	1984	241	2001
SO SSB LP	OM4KK	61404	301	102	2000
SO SSB HP	OM5AA	380860	1376	139	2002
SO CW QP	OM0TT	154336	364	106	2000
SO CW LP	OM6T	522500	1059	125	2001
SO CW HP	OM3PC	692076	1177	147	1999
MS	OM0M	1212744	1415	276	2002
Belgium					
SO MIX QP	ON5EU	1558	30	19	1993
SO MIX LP	ON7NQ	390456	620	204	2000
SO MIX HP	OT8T (DL2CC, op.)	1312648	1536	284	1998
SO SSB QP	ON3RB	256	16	8	2006
SO SSB LP	OT4AAQ (ON4AAQ, op.)	773136	2301	168	1990
SO SSB HP	OT4AMT (ON4AMT, op.)	783216	2331	168	1990
SO CW QP	ON7CC	32480	149	56	2002
SO CW LP	OT1H (ON5YR, op.)	585732	1114	133	2001
SO CW HP	ON4UN (ON4WW, op.)	324988	714	113	1993
MS	OT9T	2073660	2110	321	1999
Faroe Islands					
SO MIX HP	OY1AT	16432	158	52	1979
SO SSB HP	OY6A	359726	1373	131	1991
SO CW HP	OY1CT	362304	894	102	2001
Denmark					
SO MIX QP	OZ6XR	2160	37	15	2003
SO MIX LP	OZ8RO	57420	236	110	1991
SO MIX HP	OZ5EV	389988	1413	138	1979
SO SSB QP	OZ1FMO	100	10	5	1993
SO SSB LP	OZ1INN	88920	570	78	1990
SO SSB HP	OZ1HXQ	343808	1264	136	2000
SO CW QP	OZ3PE	163664	385	106	1992
SO CW LP	OZ8AE	175980	417	105	1999

SO CW HP	OZ1AA	520520	1001	130	2000
MS	OZ7HVI	359520	831	120	1990
Netherlands					
SO MIX QP	PA3ELD	234768	506	146	2000
SO MIX LP	PA0MIR	305990	542	185	2002
SO MIX HP	PA0OOS	773570	1340	215	1992
SO SSB QP	PA5DL	4104	56	38	2002
SO SSB LP	PA3GCV	103200	516	100	1998
SO SSB HP	PA9KT	499240	1795	140	2001
SO CW QP	PA0PUR	27336	134	51	1991
SO CW LP	PA0JED	256188	587	111	2002
SO CW HP	PA3CXC	348096	777	111	1988
MS	PI4COM	1501760	1704	304	2000
Slovenia					
SO MIX LP	S57XX	490140	714	210	1999
SO MIX HP	S58A	1525188	1873	271	2002
SO SSB QP	S57MSU	87720	433	102	2001
SO SSB LP	S54E	254716	827	154	1999
SO SSB HP	S57AW	696960	1981	176	2000
SO CW QP	S59D	1792	35	14	2008
SO CW LP	S59AA	400608	856	117	1998
SO CW HP	S59A	965328	1548	156	2000
MS	S50C	1886820	2131	295	2000
Sweden					
SO MIX LP	SM6DER	264060	495	163	2000
SO MIX HP	8S5W (SM5IMO, op.)	1120500	1772	225	2001
SO SSB QP	SM7PAF	850	26	17	2002
SO SSB LP	8S7A (SM7CRW, op.)	194304	759	128	2000
SO SSB HP	SM5GNU	371028	1262	147	1982
SO CW QP	SM1CNS	20736	106	48	1991
SO CW LP	SM5G (SM5JBM, op.)	313148	650	121	2001
SO CW HP	7S2E (SM2DMU, op.)	711852	1313	137	2002
MS	SK0UX	487626	873	201	1991
Poland					
SO MIX QP	SP2EWQ	108750	275	125	2000
SO MIX LP	SP4Z	477154	676	227	2002
SO MIX HP	SN7L	610128	951	228	2002
SO SSB QP	SP5XMU	34602	238	73	2001
SO SSB LP	SP9QMP	244408	892	137	2000
SO SSB HP	SP7VC	498464	1696	148	2001
SO CW QP	SP5DDJ	219780	498	111	2001
SO CW LP	SP8PHK	281784	608	118	2002
SO CW HP	SP7GIQ	888592	1502	148	2000
MS	SN8V	939610	1446	217	2001
Greece					
SO MIX QP	SV1XV	5504	65	32	2003
SO MIX LP	SV1DKL	461104	903	184	2001
SO MIX HP	J41YM (OK1YM, op.)	260260	574	143	2001
SO SSB QP	SV1DZB	32376	228	71	2000
SO SSB LP	SV3AQR	169470	807	105	1990
SO SSB HP	SV3AQR	208008	963	108	1991
SO CW LP	SV0XAI	167640	648	66	2003
SO CW HP	SV1NN	57084	402	71	1981
MS	SV1DKR	860574	1331	221	1999
Crete					
SO MIX LP	SV0LK	180456	531	103	1998
SO SSB HP	SV9AHZ	83664	504	83	1989
SO CW LP	SV9/LA4XFA (LA4XFA, op.)	191224	590	82	2002
SO CW HP	SV9ADH	176320	577	76	1988

San Marino						
SO SSB LP	T77WI	26908	217	62	1999	
Bosnia-Herzegovina						
SO MIX QP	T94NE	560	15	10	1994	
SO MIX LP	T95A	150144	372	138	1998	
SO MIX HP	T99W	1428480	1772	248	1999	
SO SSB QP	T94DO	66240	364	92	2002	
SO SSB LP	T94ON	1224	34	18	1993	
SO CW QP	T99W	5408	52	26	2004	
SO CW LP	T94FC	440176	915	122	2002	
SO CW HP	T99W	599700	2000	150	2000	
Iceland						
SO MIX LP	TF3VS	111252	272	127	2001	
SO MIX HP	TF3CW	119700	797	75	1978	
SO SSB LP	TF8GX	528808	1992	133	2001	
SO SSB HP	KE0YG/TF (KE0YG, op.)	52628	446	59	1990	
SO CW LP	TF3GB	42752	169	64	2002	
SO CW HP	TF3SD	22800	100	57	1989	
MS	TF3IRA	294930	1305	113	2000	
Corsica						
SO MIX HP	TK5EP	2273020	2790	290	2000	
SO SSB HP	TK1C (F5M2N, op.)	739350	2395	155	2002	
SO CW HP	TK5EP	848736	1684	126	1991	
MS	TK5T	1963116	2656	249	2001	
Kaliningrad						
SO MIX LP	RN2FA	55980	180	90	2000	
SO MIX HP	RW2F (UA2FB, op.)	1195262	1573	251	1999	
SO SSB LP	RU2FL	2800	58	25	2004	
SO SSB HP	UA2FFC	11468	122	47	1982	
SO CW QP	RU2FM	4240	55	20	2006	
SO CW LP	UA2CZ	41464	142	73	2000	
SO CW HP	RA2FBC	368032	741	124	1999	
MS	RW2F	1446016	1718	286	2000	
European Russia						
SO MIX QP	RV3QX	130900	368	119	2001	
SO MIX LP	RD4M	814368	1267	204	2001	
SO MIX HP	RK4FF	1594840	2003	260	2002	
SO SSB QP	UA3BL	83300	428	98	2002	
SO SSB LP	RA6LBS	173568	684	128	2002	
SO SSB HP	R73A	567180	2061	138	2001	
SO CW QP	UA0KCL/3 (UA0KCL, op.)	178976	476	94	2002	
SO CW LP	RN6AL	426684	966	111	2001	
SO CW HP	RM4W	1038162	1612	213	2000	
MS	RW6AWT	2109990	2264	305	2002	
Ukraine						
SO MIX QP	UX0IB	181504	485	128	2002	
SO MIX LP	UR0I	667290	1121	195	1999	
SO MIX HP	EM3J (UU2JZ, op.)	1407648	1816	248	2000	
SO SSB QP	US5WDL	54032	307	88	2001	
SO SSB LP	U25U	234740	970	121	2000	
SO SSB HP	UB5FDF	445740	1615	138	1981	
SO CW QP	UW5U (UY2UA, op.)	149968	369	103	2002	
SO CW LP	US3QW	388620	775	127	2002	
SO CW HP	UR8QX	617688	1137	138	2002	
MS	UU7J	1507156	1978	266	2001	
German Dem. Rep. (Deleted)						
SO MIX HP	DM2BTO	240352	1035	116	1979	

SO SSB HP	Y21DK/A (Y21DK, op.)	218610	1041	105	1982
SO CW HP	Y33VL	372736	832	112	1988
MS	Y54ZA	45584	296	77	1981

Latvia

SO MIX OP	YL3FW	19008	122	48	1998
SO MIX LP	YL0A (YL2KA, op.)	349330	600	181	2001
SO MIX HP	UQ1GWW	1451584	2201	296	1989
SO SSB QP	YL2MF	6480	81	40	1999
SO SSB LP	YL7C	140346	621	113	2000
SO SSB HP	UQ2OP	32886	261	63	1981
SO CW LP	YL2LY	325520	637	130	2001
SO CW HP	YL3DW	473144	833	142	2000
MS	YL7C	772440	1004	246	2001

Romania

SO MIX QP	YO3APJ	187488	401	144	1998
SO MIX LP	YO3APJ	571644	980	201	2001
SO MIX HP	YO4NF	710754	1027	171	1999
SO SSB QP	YO9GZU	16160	202	40	2000
SO SSB LP	YO7LCD	102414	507	101	1990
SO SSB HP	YO9HP	71052	382	93	1990
SO CW QP	YO7FT	118272	347	88	2002
SO CW LP	YO6EX	255360	573	114	2000
SO CW HP	YP3A	809968	1439	142	2002
MS	YORRZD	213696	732	96	1988

Serbia and Montenegro

SO MIX QP	YZ7ED	307650	505	175	1998
SO MIX LP	YU1AU	904264	1277	218	2000
SO MIX HP	YZ1AU	1560736	2011	272	2002
SO SSB QP	YU1KN	93526	463	101	2000
SO SSB LP	YU1AAX (YU1JW, op.)	409248	1421	144	1999
SO SSB HP	YU3HR	577576	1978	146	1990
SO CW OP	YU1KR	202776	497	102	2000
SO CW LP	YT4I	468232	939	122	1990
SO CW HP	YZ9A (YU1NW, op.)	767296	1262	152	2000
MS	YZ1AU	1527900	1983	275	2001

Macedonia

SO MIX QP	Z32AF	117602	287	127	2000
SO MIX LP	Z36W	82678	392	67	2006
SO MIX HP	Z36W	1568	27	16	2008
SO SSB LP	Z31JA	96900	475	102	1999
SO CW QP	Z31GB	24288	132	46	1999
SO CW LP	Z36W	388368	905	108	2002
SO CW HP	Z35X	96	6	4	2008

Albania

SO MIX HP	ZA1AJ (OK2VZ, op.)	11696	104	34	1994
SO SSB LP	ZA/SP5EAQ (SP5EAQ, op.)	324	19	9	2005
SO CW LP	ZA/OK2PSZ (OK2PSZ, op.)	6000	60	25	1993
SO CW HP	ZA1UT (Z36W, op.)	293296	799	92	2003

Gibraltar

SO SSB LP	ZB2/N5OKR (N5OKR, op.)	233002	979	119	1992
SO CW HP	ZB2EO	81300	542	41	1981

NORTH AMERICA

Category	Station	Score	QSOs	Mults	Year
----------	---------	-------	------	-------	------

United Nations HQ

SO MIX HP	4U1UN (R2GM, op.)	1745700	3020	230	1989
-----------	-------------------	---------	------	-----	------

MS	4U1UN		2690280	3656	270	1991
Jamaica						
SO MIX LP	6Y5RJ		106088	423	89	1992
SO MIX HP	WB9AJF/6Y5 (WB9AJF, op.)		598	23	13	1975
SO SSB LP	6Y4Y		70740	394	90	2001
SO SSB HP	WB1EPO/6Y5 (WB1EPO, op.)		25576	278	46	1989
SO CW HP	N0TG/6Y0 (N0TG, op.)		7400	100	37	1981
Barbados						
SO MIX LP	8P6SH		67468	233	101	2002
SO MIX HP	8P9Z (K4BAI, op.)		3788386	4157	301	2002
SO SSB LP	8P6SH		52530	307	85	1998
SO SSB HP	8P6EX		234080	1064	110	2000
SO CW LP	8P9JO		950684	1788	133	1999
SO CW HP	8P9GE (K2PF, op.)		13312	104	32	1994
MS	8P9Z		3496262	3860	311	2000
Bahamas						
SO MIX LP	C6A/K2PS (K2PS, op.)		1352036	1876	218	1999
SO MIX HP	C6ACY (WA7UWE, op.)		468208	2251	104	1979
SO SSB HP	C6A/N4JQQ (N4JQQ, op.)		285714	1287	111	1988
SO CW LP	C6A/W9AU (W9AU, op.)		583440	1333	110	2001
SO CW HP	N4RP/C6A (N4RP, op.)		36520	166	55	1988
MS	C6DX		1692656	3079	238	1998
Cuba						
SO MIX LP	CO8LY		705056	1323	176	2002
SO SSB LP	CO2II		281736	1204	117	2000
SO SSB HP	CO2II		223332	1035	111	2003
SO CW LP	CO8ZZ		595200	1254	120	2002
MS	CO8HF		306590	751	155	1998
Guadeloupe						
SO MIX HP	FG/K6LA (K6LA, op.)		2860560	3498	274	2001
SO SSB LP	FG5FC		429324	1614	133	1992
Martinique						
SO MIX LP	FM5FJ		54362	377	77	1998
SO MIX HP	FM5AN		11808	138	36	2008
SO SSB QP	FM5DN		331224	1492	111	1992
SO SSB LP	FM5FJ		41764	399	53	2005
SO SSB HP	FM5FJ		802464	2572	156	1999
SO CW LP	FM/G3SQQ (G3SQQ, op.)		654360	1342	123	2001
SO CW HP	FM7WH		280	10	7	1984
MS	FM5DN		2228928	2812	282	1999
Saint Martin						
SO MIX HP	FG0FWK/FS (W1HCS, op.)		288850	1325	109	1980
SO SSB HP	F85R		1042888	3386	154	1989
MS	FS/W2JJ		1428724	2008	209	2000
Haiti						
SO MIX HP	HH2PK		889644	2075	178	1993
SO SSB LP	HH2PK		573400	2350	122	1992
SO SSB HP	HH2WL		6102	113	27	1985
SO CW HP	HH2VP		551616	1346	102	1983
MS	HH2MC		975546	3411	143	1980
Dominican Republic						
SO MIX LP	HI8/JA6WFM (JA6WFM, op.)		457728	914	149	2003
SO MIX HP	HI8A (JA5DQH, op.)		1652168	2337	226	1991
SO SSB QP	HI3TEJ		96560	721	68	2006
SO SSB LP	HI8OMA		276792	1214	114	1992
SO SSB HP	HI8GB		377080	1714	110	1983

SO CW QP	HI8XYZ	4	1	1	1990
SO CW LP	HI8DMX (JP1DMX, op.)	641240	1386	115	1990
SO CW HP	HI8A (JA5DQH, op.)	953004	1937	123	1990
MS	HI500UD	89640	517	83	1990
Panama					
SO MIX LP	HP3XUG	199906	430	131	2002
SO MIX HP	HP1XYA	26158	319	41	1977
SO SSB QP	HP3BS	25452	311	42	2006
SO SSB LP	HO1A	438792	1584	141	2002
SO SSB HP	3E1DX (HP1XVH, op.)	673104	2275	148	1999
SO CW QP	HP1AC	18600	154	30	1997
SO CW LP	HP1AC	288144	664	108	2000
SO CW HP	HP1WW	224840	735	77	2006
MS	HP1XAW	561462	1988	141	1981
Honduras					
SO MIX LP	HR6/W7TSQ (W7TSQ, op.)	651904	1300	176	1998
SO MIX HP	W9NXD/HR2 (W9NXD, op.)	290274	1219	101	1983
SO SSB QP	HR2DX	112	8	7	2008
SO SSB LP	HQ2DMR	172172	1123	77	2004
SO SSB HP	HR3J (JA6WFM, op.)	699696	2731	129	2001
SO CW LP	HR9/WQ7R (WQ7R, op.)	27264	214	32	2008
MS	HQ2GL	26978	164	47	2008
Grenada					
SO SSB LP	J37LA (KB4VLO, op.)	144600	964	75	1993
SO SSB HP	J37K	641624	2308	139	1998
SO CW LP	J39BS	14256	109	33	2008
SO CW HP	J38DX (K1KI, op.)	2045440	3197	160	2000
St. Lucia					
SO MIX HP	VP2LAW	14208	218	28	1975
Dominica					
SO MIX HP	VP2D/K7VPP (K7VPP, op.)	11520	180	32	1976
St. Vincent					
SO MIX HP	VP2SS	110080	640	86	1980
MS	J8OK	1786928	2290	242	1998
Guantanamo Bay					
SO MIX HP	KG4OO	63300	633	50	1977
SO SSB LP	KG4DX (W4WX, op.)	345610	1626	107	2002
SO SSB HP	KG4WW	206006	1247	83	2004
U.S. Virgin Islands					
SO MIX QP	NP2O	164492	397	118	1992
SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
SO MIX HP	KP2A (NL7GP, op.)	3503478	3963	327	1990
SO SSB QP	KP2/WA0OII (WA0OII, op.)	286790	1205	119	2000
SO SSB LP	KP2BH	328548	1255	131	1999
SO SSB HP	KP2A (KW8N, op.)	1659384	4852	171	1991
SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
SO CW LP	WP2Z (AG8L, op.)	1202852	2244	133	1999
SO CW HP	KP2N	216580	618	85	1992
MS	WP2Z	2492796	3541	258	1998
Puerto Rico					
SO MIX LP	WP4LNY	379692	932	159	2003
SO MIX HP	WP3A	1804960	2563	232	1998
SO SSB QP	KP4KE	366750	1494	125	2002
SO SSB LP	KP4FP	466560	1944	120	1991
SO SSB HP	NP4CC	709290	2627	135	1989
SO CW QP	KP4/AA3GM (AA3GM, op.)	40200	165	67	2001

SO CW LP	NP3G	1080624	1916	141	2000
SO CW HP	NP4Z (NP3A, op.)	1148712	2081	138	2000
MS	NP3X	2052834	2927	259	1999
Canal Zone (Deleted)					
SO MIX HP	KZ5JM	462280	1778	130	1978
Greenland					
SO MIX HP	OX3ZM	40256	272	74	1979
SO SSB HP	OX3ZM	53720	340	79	1982
SO CW HP	OX3KD	22176	167	33	1987
St.Maarten Saba St.Eustatius					
SO SSB LP	PJ7/K2KTT (K2KTT, op.)	76936	852	59	1993
SO SSB HP	PJ8UQ	7238	77	47	1980
SO CW QP	PJ5JP	20664	126	41	1998
MS	PJ8CW	214000	800	107	1993
Guatemala					
SO MIX HP	TG9GI	635296	2466	128	1979
SO SSB QP	TG9AJR	103014	531	97	1992
SO SSB LP	TG9AJR	20196	202	51	2001
SO SSB HP	TG9GI	586880	2240	131	1988
Costa Rica					
SO MIX QP	TI5N (NOKE, op.)	420050	877	155	2004
SO MIX HP	TI5N (NOKE, op.)	770408	1681	158	2005
SO SSB QP	TI2KAC	248064	1221	102	2003
SO SSB LP	TI1Z (TI4ZM, op.)	348100	1475	118	1999
SO SSB HP	TI5N (AC9G, op.)	966736	3284	148	2001
SO CW QP	TI3TLS	72716	381	49	2005
SO CW LP	TI3M (TI3TLS, op.)	338624	978	88	2003
SO CW HP	TE5T	298776	633	118	1989
MS	TI5N	2154600	2965	270	2002
Antigua & Barbuda					
SO MIX HP	V26X (R8CX, op.)	2497278	3604	259	1999
SO SSB HP	V2ARO (WB6SHD, op.)	1011488	3464	146	1982
SO CW LP	V26JT	717824	1402	128	2000
SO CW HP	R9LA/V2A (R9LA, op.)	340684	1598	106	1982
Belize					
SO MIX LP	V31FD	110004	455	89	1997
SO MIX HP	V31MZ	904860	1621	198	1989
SO SSB HP	V3TV	185640	910	102	1982
SO CW HP	V31JP (K8JP, op.)	622000	1562	100	2004
MS	V31QI	1700748	2517	238	2000
St.Kitts & Nevis					
SO MIX LP	V4/W0XG	1760	57	11	2007
SO MIX HP	V47G	1470996	1980	261	1992
SO SSB HP	V44NK	327408	1436	114	2000
MS	V47UY	141750	876	81	2003
Anguilla					
SO SSB LP	VP2EXX	1291800	4306	150	1990
SO SSB HP	VP2EXX	1116448	4016	139	1989
Montserrat					
SO CW HP	VP2MFL (K5BDX, op.)	470400	1151	100	1983
MS	VP2M/ND3A	1402080	2300	230	1988
British Virgin Islands					
SO MIX LP	VP2V/K6LZO (K6LZO, op.)	1264690	2021	203	1992
SO MIX HP	VP2VP	143000	90	55	1992

SO SSB LP	VP2VF	663012	2631	126	1998
SO SSB HP	VP2VF	187452	1143	82	1994
Turks & Caicos Islands					
SO MIX LP	VP5D (NOVD, op.)	574830	1504	135	2005
SO SSB QP	VP5UB (KB7UB, op.)	180	18	5	2007
SO SSB LP	VP5JM	646148	2411	134	1991
SO SSB HP	KA3B/VP5 (KA3B, op.)	758172	2747	138	1988
SO CW QP	VP5E (K0OK, op.)	1980	34	15	2007
SO CW LP	VP5/KM9D (KM9D, op.)	197120	616	80	1998
MS	VP5K	4091778	4655	309	2000
Bermuda					
SO MIX LP	WA1AWJ/VP9 (WA1AWJ, op.)	48752	187	88	1992
SO SSB LP	VP9/KX5H (KX5H, op.)	144	9	8	1990
Mexico					
SO MIX LP	XE2AC	701008	1463	154	2003
SO MIX HP	XE2DV	648180	1954	130	1997
SO SSB LP	XE1MX	254186	1741	73	1997
SO SSB HP	XE2DV	750054	3049	123	1998
SO CW QP	XE3HLV/1 (XE3HLV, op.)	169344	588	72	1990
SO CW LP	XE1/JA1OXY (JA1OXY, op.)	318240	780	102	1992
SO CW HP	XE1MM	456320	1247	92	2003
MS	XE2FU	2177154	3152	259	1989
Nicaragua					
SO MIX LP	H6C (YN4SU, op.)	420640	707	176	2001
SO MIX HP	YN1AA	32340	303	49	1974
SO SSB HP	YN6WFM	219450	1045	105	1997
El Salvador					
SO MIX HP	YS1XS	106506	422	97	1995
SO SSB LP	YS1X (YS1RRD, op.)	189336	1029	92	1993
SO SSB HP	YS1OD	34286	217	79	1991
Cayman Islands					
SO MIX LP	ZF2NT	1378580	2192	215	2003
SO MIX HP	ZF2NT	2572304	3602	238	1998
SO SSB LP	ZF2AH	8856	126	36	2004
SO SSB HP	ZF2AH	911436	3045	151	2002
SO CW QP	ZF2NT	713160	1415	126	2000
SO CW HP	ZF2NT	1594200	2679	150	2002
MS	ZF2AR	1734770	2763	235	1999

OCEANIA

Category	Station	Score	QSOs	Mults	Year

Fiji					
SO MIX HP	3D2YU (YZ1AU, op.)	1006500	1827	183	2003
Western Samoa					
SO MIX HP	5W1AU	36712	353	52	1974
SO SSB HP	5W1MM (JR6FIP, op.)	28280	404	35	1994
East Malaysia					
SO MIX LP	9M6YBG	1530	52	9	2008
SO MIX HP	9M6XRO	61600	354	55	2006
Tonga					
SO MIX LP	A35RK	19488	125	56	2006
Philippines					

SO MIX LP	DU1ODD	87984	331	117	1999
SO MIX HP	KE9A/DU3 (KE9A, op.)	438470	893	163	1989
SO SSB QP	4D68LER	8512	152	28	2000
SO SSB LP	4F4IX	204672	985	104	1999
SO SSB HP	WA2UUK/DU2 (WA2UUK, op.)	354624	1847	96	1980
SO CW QP	DU7/N7ET (N7ET, op.)	78384	284	69	2000
SO CW LP	DU1ODX	111000	375	74	2000
SO CW HP	KP4KK/DU2 (KP4KK, op.)	247548	1256	98	1981
New Caledonia					
SO MIX LP	FK8VHN	87408	506	72	1997
SO SSB HP	FK8GM	1092000	3501	156	1999
SO CW LP	FK8CA	418496	1002	104	1991
SO CW HP	FK8CL	79218	489	81	1980
French Polynesia					
SO MIX HP	FO5IW	80850	525	77	1988
SO SSB HP	FO8HL	67848	514	66	1981
Solomon Islands					
SO SSB HP	H448H	25916	209	62	1981
Minami Torishima					
SO SSB LP	JH7EAY/JD1 (JH7EAY, op.)	25740	234	55	1991
SO CW LP	JD1BIC/JD1 (JD1BIC, op.)	255024	830	77	1999
Mariana Islands					
SO MIX QP	NH0H	16	8	2	2002
SO MIX LP	WH0V	433188	951	162	1998
SO MIX HP	KG6SL	4440	111	20	1977
SO SSB HP	KH0CE	77356	466	83	1998
SO CW LP	NH0E	177072	526	84	1998
SO CW HP	NH0E	119024	347	86	1999
MS	KH0A	2012350	2783	241	2000
Guam					
SO MIX LP	WH2D (K3UQC, op.)	8466	156	17	2006
SO MIX HP	KG6DX	1524384	2280	237	1990
SO SSB HP	AH2E	741600	3200	119	1980
SO CW LP	NH2DX (KH2D, op.)	511700	1075	119	1999
SO CW HP	N7DF/KH2 (N7DF, op.)	768600	1525	126	1990
MS	KH2F	239700	1037	85	1987
Johnston Island					
SO MIX HP	AH3C	2188680	3179	244	1990
SO SSB HP	KH3/KH6GMP (KH6GMP, op.)	101840	680	76	2002
Midway Island					
SO MIX HP	KM6FC	46368	551	42	1977
SO SSB LP	KH4/W4ZYV (W4ZYV, op.)	176880	1005	88	1999
American Samoa					
SO MIX HP	KH8/N5OLS (N5OLS, op.)	1555890	2586	217	1998
SO SSB LP	AH8K	1080	54	10	1996
SO SSB HP	AH8A	39200	350	56	1996
MS	KH8Q	44982	224	63	2006
Papua New Guinea					
SO MIX LP	P29JA	234	9	9	1992
East Kiribati					
MS	T32CK	1624	55	14	2004
Palau					
MS	T88XQ	1321920	2237	204	1999

Micronesia						
SO	SSB	HP	V63YL	38554	521	37 1991
Marshall Islands						
SO	MIX	LP	V73CW	881620	1742	170 1999
SO	MIX	HP	KX6HE (N2PC, op.)	128160	417	89 1988
SO	SSB	QP	V73UX	13200	120	55 1999
SO	SSB	LP	V73CT	298980	1510	99 1991
SO	SSB	HP	V73UX	451704	1915	118 2000
MS			V73UX	444912	1471	138 1998
Brunei Darussalam						
SO	MIX	LP	V85PB	53856	382	68 1992
SO	SSB	LP	V85BJ	8424	108	39 1992
Australia						
SO	MIX	QP	VK4FRAJ	9576	137	21 2007
SO	MIX	LP	VK4EMM	1400400	1779	225 1999
SO	MIX	HP	VK4EMM	1160720	1494	220 1998
SO	SSB	QP	VK4NEF	7104	111	32 1997
SO	SSB	LP	VK4EJ	192284	907	106 1999
SO	SSB	HP	VK4VU	364896	1629	112 1980
SO	CW	QP	VK5NJ	2236	43	13 1997
SO	CW	LP	VK8AV	499500	999	125 1992
SO	CW	HP	VK4EMM	565800	1238	115 2002
MS			VK4DZ	1200960	1652	240 1999
Indonesia						
SO	MIX	QP	YC2OK	6522	84	36 1998
SO	MIX	LP	YC3OSE	112784	306	177 1991
SO	MIX	HP	YB3ASO	284648	731	161 1989
SO	SSB	LP	YB2ARO	132880	604	110 1991
SO	SSB	HP	YB2CR	68586	497	69 1988
SO	CW	QP	YB5AQB	2128	38	14 2006
SO	CW	LP	YB5QZ	183960	656	70 1999
SO	CW	HP	YB0ATB/3 (PA0LOU, op.)	97308	477	51 1988
MS			YB22CW	263568	577	152 1989
Vanuatu						
SO	SSB	HP	YJ8M	226240	1120	101 1989
S. Cook Islands						
SO	MIX	HP	ZK1BA	38352	376	51 1976
New Zealand						
SO	MIX	LP	ZL1TM	657980	1021	197 2001
SO	MIX	HP	ZL1ALZ	176550	531	107 2004
SO	SSB	LP	ZL2ACP	122760	620	99 1991
SO	SSB	HP	ZL1ANJ	616176	2334	132 1988
SO	CW	QP	ZL1AIH	85768	310	71 2001
SO	CW	LP	ZL1GO	517532	1201	109 2002
SO	CW	HP	ZL2DX (ZL2BSJ, op.)	916608	1848	124 1998
MS			ZL1V	1568916	2186	219 2004
Kermadec Islands						
SO	MIX	HP	ZM8OY (ZL8OY, op.)	126700	768	70 1985

SOUTH AMERICA

Category	Station	Score	QSOs	Mults	Year
----------	---------	-------	------	-------	------

Trinidad & Tobago

SO	MIX	HP	9Y4VU	10738	91	59 1979
----	-----	----	-------	-------	----	---------

SO	SSD	HP	9Y4DU	2454	43	29	1999
Chile							
SO	MIX	LP	CE5/SM38GP (SM38GP, op.)	1523632	1917	242	1999
SO	MIX	HP	XR8Y (XQ6ABF, op.)	765752	2587	148	1998
SO	SSB	LP	3G5A (XQ5SM, op.)	82944	515	91	2002
SO	SSB	HP	CE3FIP	535236	1833	146	1991
SO	CW	LP	CE3AA (XQ3IDY, op.)	152148	408	93	1998
SO	CW	HP	CE3F (CE3FIP, op.)	892380	1605	139	1998
MS			3G3R	1217088	2111	144	2000
Easter Island							
SO	MIX	HP	CE0AE	16296	194	42	1977
Dolivia							
SO	MIX	HP	CP1EU	15930	177	45	1974
SO	SSB	LP	N9RPC/CP1 (N9RPC, op.)	2916	81	18	1995
SO	SSB	HP	CP1FF	48594	273	89	1991
Uruguay							
SO	MIX	LP	CX2AQ	427310	753	173	2004
SO	MIX	HP	CX5BW	1964476	2547	262	2000
SO	SSB	LP	CV1A (CX8DX, op.)	408272	1501	136	1997
SO	SSD	HP	CX7DL	342720	1440	119	1990
SO	CW	QP	CX2AQ	95116	303	79	2003
SO	CW	LP	CX9AU	552288	1059	132	2001
SO	CW	HP	CX7BY	575040	1198	120	1998
MS			CX5BW	2767008	2924	304	2002
French Guiana							
SO	MIX	LP	FY5FY	2288540	3021	265	2002
SO	MIX	HP	FY0BHI	74102	469	79	1975
SO	SSB	HP	FY5KE (FY5FY, op.)	1106000	3514	158	2003
SO	CW	LP	FY5FP	413540	898	115	1992
MS			FY/N4ODX	73920	420	88	1991
Ecuador							
SO	MIX	LP	HC2OL	439560	1020	100	1997
SO	MIX	HP	HC2ST	1587300	2111	222	1998
SO	SSB	LP	HD2RG	44530	305	73	1996
SO	SSB	HP	HC1HC	826880	2584	160	2002
MS			HC2G	2446830	3150	279	1988
Colombia							
SO	MIX	LP	HK3AXY	222890	515	155	2002
SO	MIX	HP	HK3NBB	418664	1324	118	1983
SO	SSB	LP	HK3JJH	719400	2398	150	1991
SO	SSB	HP	HK3JJH	718074	2583	139	1990
SO	CW	HP	HK7IMB	5888	46	32	1987
MS			HK3A	951300	3171	150	1981
Argentina							
SO	MIX	QP	L5F (LU1FNH, op.)	65320	196	92	1994
SO	MIX	LP	LU5WW	1668238	2075	247	1998
SO	MIX	HP	LU6ETB (N5KO, op.)	2250754	2986	263	1997
SO	SSB	QP	LU3VD	175208	724	121	2000
SO	SSB	LP	LU6ETB	734478	2253	163	1992
SO	SSB	HP	A24F (LU2FFD, op.)	977952	2928	167	1988
SO	CW	QP	AY7EE	250880	504	128	2002
SO	CW	LP	LU2BRG	735080	1598	115	1997
SO	CW	HP	LU8DO	735816	1426	129	1983
MS			LT1F	3151780	3456	295	2002
Peru							
SO	MIX	HP	OA4SS	438600	1011	150	2006

SO SSB QP	OA4CPI	14700	175	42	1996
SO SSB HP	OA4CRK	371856	1464	127	1998
SO CW LP	OA4ZV	342720	816	105	1992
SO CW HP	OA4CWR	323204	833	97	1993
MS	OA4O	1218228	1993	242	2001
Aruba					
SO MIX LP	P43E	516336	1269	186	1999
SO MIX HP	P40V	2950432	3619	274	1999
SO SSB LP	P40B (P43P, op.)	748170	2468	153	2002
SO SSB HP	P43P	742644	2525	147	1998
SO CW LP	P40CW	539448	1166	114	1992
SO CW HP	P40E	609564	2573	134	2000
MS	P40K	2272952	3276	253	2002
Netherland Antilles					
SO MIX HP	PJ2T (WB92, op.)	756704	2071	136	2005
SO SSB HP	PJ2I (ON4CFD, op.)	804004	2698	149	1999
SO CW LP	PJ9/PA0VDV (PA0VDV, op.)	509404	1123	113	1998
MS	PJ2T	2170710	2733	267	2002
Brazil					
SO MIX QP	PY2WC	131846	328	143	2002
SO MIX LP	PV8DX	1458688	1850	259	2001
SO MIX HP	PY2XE	787780	1096	238	1998
SO SSB QP	PY2XDX	25216	197	64	1997
SO SSB LP	3X2D (PY2MNL, op.)	512276	1547	166	2002
SO SSB HP	2X5J	1420848	3886	184	2002
SO CW QP	PY1WX	102416	354	74	2004
SO CW LP	2V8O	741840	1407	132	2000
SO CW HP	PY2NDX	1229584	2086	148	2002
MS	2W5B	2606310	2584	315	2002
Fernando de Noronha					
SO MIX HP	PY0FF	19734	154	39	2007
SO SSB HP	PY0FF	199272	874	114	1992
SO CW HP	PY0FF (W4VA, op.)	1356272	2291	148	2000
St. Peter & St. Paul Rocks					
SO SSB LP	2W0S	23546	195	61	2003
Suriname					
SO MIX HP	JA1PIG/PZ (JA1PIG, op.)	369600	1523	120	1978
SO SSB HP	P25GA	37692	349	54	1981
SO CW HP	P25JK (OH0XX, op.)	2100744	3211	163	1999
MS	P25C	347766	748	149	2005
South Shetland Islands					
SO MIX LP	LZ0A (LZ2UU, op.)	672192	1136	216	1999
Venezuela					
SO MIX QP	YV5YMA	26010	157	51	2005
SO MIX LP	YV7QP	148352	360	122	2000
SO MIX HP	YV3BRF	230724	889	102	1983
SO SSB QP	4M1G	66144	312	106	1990
SO SSB LP	YV5CVE	206540	921	115	2002
SO SSB HP	YV6CAX	659974	2773	119	1988
SO CW LP	YV5AAK	100080	287	90	2002
SO CW HP	YV1OB	104016	394	66	1994
MS	YV4A	2917488	3764	266	2000
Paraguay					
SO SSB HP	2P5JCY	887680	2774	160	1992
SO CW LP	2P6M	966520	1697	144	2001
SO CW HP	2P6CW	256608	797	81	2002

MS 2P9EH 84 9 3 2007

 AERONAUTICAL MOBILE
 Category Station Score QSOs Mults Year

Aeronautical Mobile ITU Region II
 SO MIX HP W1PH/AM (W1PH, op.) 112812 714 79 1978

 MARINE MOBILE
 Category Station Score QSOs Mults Year

Marine Mobile ITU Region I
 SO MIX HP PA0MIR/MM (PA0MIR, op.) 39480 272 70 1978
 SO SSB HP WB8RFB/MM1 (WB8RFB, op.) 20060 170 59 1982

Marine Mobile ITU Region II
 SO MIX LP K5LZO/MM (K5LZO, op.) 219564 657 114 1996
 SO MIX HP K5LZO/MM (K5LZO, op.) 187630 445 145 1991
 SO SSB LP LU9JTC 18290 155 59 1999
 SO SSB HP NN4Y/MM2 (NN4Y, op.) 10800 150 36 1983
 SO CW LP N2NL 113120 415 70 2003
 MS W6VLD/MM2 124902 771 81 1980

Marine Mobile ITU Region III
 SO MIX HP KM6LP/MM3 (KM6LP, op.) 1650 41 11 1993
 SO CW LP W7SW/MM3 (W7SW, op.) 4712 62 19 1992
 SO CW HP NJ7D/MM3 (NJ7D, op.) 57584 244 59 1990

=====
 T O P N O N - W / V E Q S O T O T A L S
 =====

Cnty	Category	Station	Score	QSOs	Mults	Year
TI	SO MIX QP	TI5N (N0KE, op.)	420050	877	155	2004
HA	SO MIX QP	HA2A	485974	783	193	1999
HA	SO MIX QP	HA5BSW	492570	758	195	1999
DL	SO MIX QP	DL6RDR	509850	725	225	2001
OK	SO MIX QP	OK2FP	424352	720	178	2001
FY	SO MIX LP	FY5FY	2288540	3021	265	2002
KP2	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
ZF	SO MIX LP	ZF2NT	1378580	2192	215	2003
LU	SO MIX LP	LU5WW	1668238	2075	247	1998
XW	SO MIX LP	XW1IC	1189224	2074	199	2002
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
8P	SO MIX HP	8P9Z (K4BAI, op.)	3788386	4157	301	2002
KP2	SO MIX HP	KP2A (NL7GP, op.)	3503478	3963	327	1990
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	3337668	3874	278	2001
ZS	SO MIX HP	ZS6Z (JM1CAX, op.)	2932224	3815	256	2000
KP4	SO SSB QP	KP4KE	366750	1494	125	2002
FM	SO SSB QP	FM5DN	331224	1492	111	1992
KP4	SO SSB QP	WP4EDD	302498	1298	119	2003
TI	SO SSB QP	TI2KAC	212978	1288	83	2004
TI	SO SSB QP	TI2KAC	248064	1221	102	2003
VP2E	SO SSB LP	VP2EXX	1291800	4306	150	1990
VP2V	SO SSB LP	VP2VF	663012	2631	126	1998

P4	SO SSB LP	P40B (P43P, op.)	748170	2468	153	2002
VP5	SO SSB LP	VP5JM	614628	2439	126	1998
VP5	SO SSB LP	VP5JM	646148	2411	134	1991
D4	SO SSB HP	D44TD (I4UFH, op.)	1815120	5085	180	2002
KP2	SO SSB HP	KP2A (KW8N, op.)	1659384	4852	171	1991
VP2E	SO SSB HP	VP2EXX	1116448	4016	139	1989
PY	SO SSB HP	ZX5J	1420848	3886	184	2002
KP2	SO SSB HP	WP2Z (K8MJZ, op.)	1088004	3840	142	2002
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
ZF	SO CW QP	ZF2NT	713160	1415	126	2000
JA	SO CW QP	JALYNE (JR1NKN, op.)	308660	675	115	2001
UN	SO CW QP	UP6F (UN7FZ, op.)	204204	663	77	2000
BV	SO CW QP	BV3FG	235316	661	89	1999
UA9,0	SO CW LP	UA0JB	543000	4344	125	1999
KP2	SO CW LP	WP2Z (AG8L, op.)	1202852	2244	133	1999
KP4	SO CW LP	NP3G	1080624	1916	141	2000
8P	SO CW LP	8P9JO	950684	1788	133	1999
ZP	SO CW LP	ZP6M	966528	1697	144	2001
PZ	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
J3	SO CW HP	J38DX (K1KI, op.)	2045440	3197	160	2000
ZF	SO CW HP	ZF2NT	1508428	2727	139	2001
ZF	SO CW HP	ZF2NT	1594200	2679	150	2002
P4	SO CW HP	P43E	689564	2573	134	2000
VP5	MS	VP5K	4091778	4655	309	2000
VP5	MS	VP5B	3673930	4188	295	1999
VP5	MS	VP5DX	3128488	3972	292	2000
8P	MS	8P9Z	3496262	3860	311	2000
8P	MS	8P9Z	3311080	3823	295	1998

=====

T O P N O N - W / V E M U L T I P L I E R T O T A L S

=====

Cnty	Category	Station	Score	QSOs	Mults	Year
DL	SO MIX QP	DL6RDR	509850	725	225	2001
HA	SO MIX QP	HA5BSW	492570	758	195	1999
HA	SO MIX QP	HA2A	485974	783	193	1999
DL	SO MIX QP	DL6RDR	347060	567	185	1999
LZ	SO MIX QP	LZ1UQ	311540	531	185	2000
HA	SO MIX LP	HA6NF	978880	1313	266	2002
FY	SO MIX LP	FY5FY	2288540	3021	265	2002
LU	SO MIX LP	LU5WW	1663700	1846	262	1999
PY	SO MIX LP	PV8DX	1458688	1850	259	2001
KP2	SO MIX LP	WP2Z (AG8L, op.)	2301240	2841	254	2000
KP2	SO MIX HP	KP2A (NL7GP, op.)	3503478	3963	327	1990
ZD8	SO MIX HP	ZD8Z (N6TJ, op.)	4733880	5063	309	2002
HA	SO MIX HP	HA0DU	1548708	1845	309	1990
8P	SO MIX HP	8P9Z (K4BAI, op.)	3788386	4157	301	2002
OK	SO MIX HP	OK1RI	1800582	2091	301	2002
LU	SO SSB QP	LU1VK	121158	477	127	1999
KP4	SO SSB QP	KP4KE	366750	1494	125	2002
LU	SO SSB QP	LU3VD	175208	724	121	2000
LU	SO SSB QP	LU1VK	113014	471	121	2001
CT	SO SSB QP	CT7BOP (CT1BOP, op.)	154320	648	120	2002

I	SO SSB LP	IK2ZVU	344660	811	190	2000
ON	SO SSB LP	OT4MA (ON4MA, op.)	469404	1326	177	1999
KP4	SO SSB LP	WF3GG	12528	36	174	2000
ON	SO SSB LP	OT4AAQ (ON4AAQ, op.)	773136	2301	168	1990
PY	SO SSB LP	ZX2B (PY2MNL, op.)	512276	1547	166	2002
PY	SO SSB HP	ZW5B (PY5EG, op.)	1073200	2683	200	1999
CT3	SO SSB HP	CR3R (CT3BX, op.)	942256	2506	188	1992
DL	SO SSB HP	DK5QN	486168	1293	188	1998
HA	SO SSB HP	HG8IE (HA8IE, op.)	596070	1611	185	1991
PY	SO SSB HP	ZX5J	1420848	3886	184	2002
LU	SO CW QP	AY7EE	250880	504	128	2002
ZF	SO CW QP	ZF2NT	713160	1415	126	2000
F	SO CW QP	F5PTM	265608	543	126	2001
KP2	SO CW QP	KP2/N3IQ (ND3F, op.)	791120	1593	124	2000
JA	SO CW QP	JALYNE (JR1NKN, op.)	308660	675	115	2001
LZ	SO CW LP	LZ2GS	245520	396	155	2000
I	SO CW LP	IK4UPB	714816	1168	153	2000
ZP	SO CW LP	ZP6M	966528	1697	144	2001
I	SO CW LP	I3MLU (IZ3EYZ, op.)	540864	946	144	2002
LY	SO CW LP	LY2TA	632060	1102	143	1999
SM	SO CW HP	SM5RE	69000	250	247	1989
UA	SO CW HP	RM4W	1038162	1612	213	2000
JA	SO CW HP	JE1SPY	136800	678	200	1980
UA9,0	SO CW HP	UA9CDC	379008	676	168	2000
PZ	SO CW HP	PZ5JR (OH0XX, op.)	2100744	3211	163	1999
CT	MS	CT8W	2834352	2946	324	1999
ON	MS	OT0T	1947240	1842	324	2000
ON	MS	ON4UN	1873400	1844	323	2002
ON	MS	OT9T	2073660	2110	321	1999
PY	MS	ZW5B	2606310	2584	315	2002

=====

NON - W / V E L O G S B Y C O N T I N E N T

=====

Year	Africa	Asia	Europe	N. America	Oceania	S. America	Total
1973	3/5.0%	19/31.7%	18/30.0%	7/11.7%	6/10.0%	6/10.0%	60
1974	0/0.0%	10/18.9%	8/15.1%	15/28.3%	5/9.4%	14/26.4%	53
1975	6/13.0%	9/19.6%	11/23.9%	7/15.2%	3/6.5%	9/19.6%	46
1976	1/1.8%	26/46.4%	6/10.7%	11/19.6%	4/7.1%	7/12.5%	56
1977	1/0.7%	23/16.0%	79/54.9%	17/11.8%	10/6.9%	13/9.0%	144
1978	2/0.6%	60/16.8%	273/76.5%	11/3.1%	2/0.6%	7/2.0%	357
1979	2/0.4%	106/22.7%	332/71.2%	11/2.4%	5/1.1%	10/2.1%	466
1980	6/1.2%	100/20.5%	347/71.1%	11/2.3%	12/2.5%	8/1.6%	488
1981	4/0.8%	102/19.5%	374/71.6%	15/2.9%	15/2.9%	12/2.3%	522
1982	9/1.5%	133/21.8%	417/68.2%	16/2.6%	12/2.0%	23/3.8%	611
1983	9/2.2%	93/22.3%	257/61.6%	17/4.1%	15/3.6%	25/6.0%	417
1984	5/3.1%	44/27.7%	77/48.4%	11/6.9%	6/3.8%	16/10.1%	159
1985	4/2.1%	50/26.5%	102/54.0%	12/6.3%	9/4.8%	12/6.3%	189
1986	1/0.5%	39/19.4%	116/57.7%	14/7.0%	10/5.0%	20/10.0%	201
1987	5/2.2%	62/27.1%	112/48.9%	15/6.6%	15/6.6%	20/8.7%	229
1988	13/2.0%	138/21.0%	433/65.9%	21/3.2%	23/3.5%	29/4.4%	657
1989	13/1.9%	138/20.0%	474/68.6%	23/3.3%	18/2.6%	25/3.6%	691
1990	8/1.1%	159/21.9%	493/68.0%	21/2.9%	14/1.9%	29/4.0%	725
1991	9/1.2%	151/19.7%	532/69.4%	22/2.9%	22/2.9%	30/3.9%	767
1992	23/3.2%	163/22.9%	436/61.3%	28/3.9%	27/3.8%	31/4.4%	711
1993	20/5.4%	84/22.6%	190/51.2%	22/5.9%	17/4.6%	37/10.0%	371

1994	11/4.2%	61/23.2%	102/38.8%	21/8.0%	13/4.9%	55/20.9%	263
1995	11/4.8%	48/21.1%	84/37.0%	12/5.3%	10/4.4%	61/26.9%	227
1996	8/3.3%	62/25.2%	82/33.3%	15/6.1%	19/7.7%	59/24.0%	246
1997	10/2.5%	99/24.3%	187/45.9%	19/4.7%	28/6.9%	64/15.7%	407
1998	19/1.9%	218/21.4%	616/60.4%	31/3.0%	31/3.0%	105/10.3%	1020
1999	20/1.8%	250/22.0%	721/63.4%	31/2.7%	38/3.3%	75/6.6%	1138
2000	16/1.4%	266/22.6%	767/65.1%	26/2.2%	20/1.7%	84/7.1%	1179
2001	18/1.9%	205/21.3%	629/65.5%	30/3.1%	19/2.0%	60/6.2%	961
2002	19/1.5%	254/19.9%	838/65.7%	31/2.4%	30/2.4%	104/8.2%	1276
2003	12/1.3%	168/18.7%	579/64.5%	40/4.5%	25/2.8%	72/8.0%	897
2004	19/2.7%	134/19.2%	402/57.5%	34/4.9%	23/3.3%	87/12.4%	699
2005	14/2.1%	145/21.3%	399/58.7%	31/4.6%	23/3.4%	68/10.0%	680
2006	17/3.0%	92/16.2%	318/56.0%	33/5.8%	23/4.0%	85/15.0%	568
2007	15/3.9%	60/15.6%	159/41.3%	27/7.0%	22/5.7%	102/26.5%	385
2008	15/2.8%	84/15.9%	271/51.2%	31/5.9%	29/5.5%	99/18.7%	529

=====

NON - W / V E L O G S B Y E N T R Y C A T E G O R Y

=====

Year	SO Mixed Mode			SO Phone Only			SO CW Only			MS	Total
	QP	LP	HP	QP	LP	HP	QP	LP	HP		
1973	-	-	57	-	-	-	-	-	-	3	60
1974	-	-	52	-	-	-	-	-	-	1	53
1975	-	-	42	-	-	-	-	-	-	4	46
1976	-	-	54	-	-	-	-	-	-	2	56
1977	-	-	141	-	-	-	-	-	-	3	144
1978	-	-	328	-	-	-	-	-	-	29	357
1979	-	-	415	-	-	-	-	-	-	51	466
1980	-	-	115	-	-	178	-	-	154	41	488
1981	-	-	106	-	-	200	-	-	153	63	522
1982	-	-	121	-	-	236	-	-	183	71	611
1983	-	-	92	-	-	169	-	-	111	45	417
1984	-	-	26	-	-	82	-	-	31	20	159
1985	-	-	43	-	-	73	-	-	55	18	189
1986	-	-	41	-	-	76	-	-	61	23	201
1987	-	-	54	-	-	96	-	-	48	31	229
1988	-	-	121	-	-	231	-	-	233	72	657
1989	-	-	106	-	-	264	-	-	250	71	691
1990	7	56	69	12	92	140	29	102	146	72	725
1991	4	69	46	8	152	105	38	163	94	88	767
1992	16	94	36	16	146	74	26	160	68	75	711
1993	9	47	34	9	71	53	8	71	29	40	371
1994	9	44	16	8	54	44	4	37	23	24	263
1995	5	39	17	5	47	42	10	39	14	9	227
1996	4	35	22	8	64	24	9	46	18	16	246
1997	7	70	41	7	92	44	14	69	31	32	407
1998	17	152	75	23	209	110	30	241	98	65	1020
1999	17	142	92	26	205	132	39	273	107	105	1138
2000	20	150	103	26	206	100	38	288	141	107	1179
2001	23	138	70	16	188	85	37	241	78	85	961
2002	18	178	85	33	251	114	58	323	116	100	1276
2003	17	142	72	26	162	74	42	223	79	60	897
2004	17	98	54	25	147	67	34	165	51	41	699
2005	18	108	61	13	134	55	26	173	56	36	680
2006	10	95	49	18	113	44	19	129	54	37	568
2007	8	66	31	15	68	31	10	72	39	45	385
2008	8	76	51	14	92	34	21	105	55	73	529

Generated: Tue Apr 7 19:14:33 PDT 2009
