

Results of the 1968 CQ World Wide DX (C.W.) Contest

BY FRANK ANZALONE,* W1WY

THE c.w. section of this year's contest (November 1968) was not as we had hoped it would be. With the 4% increase in the phone returns we thought we would surely break 3000 logs for the whole contest this year.

However this was not the case. The increase made by the phone boys was offset by almost an equal decline in the c.w. returns. So we ended up with almost the same figure, 2914 logs, only 3 more than in 1967.

I was almost positive that the c.w. decline was due to a lack of entries from the US, however it turned out that the decline was from overseas, mostly the European area. Our boys more than held their own with a slight increase over last year.

My topic was going to be "frequency cutbacks cut down c.w. activity." So with egg in my face I'm left without an alibi. Could be the east coast dock strike last winter which

*Chairman, Contest Committee.



Don Wallace, W6AM and his son Bill, W6TCG talking over the results of the c.w. weekend. Just once we would like to see Don and Bill get a crew together and have W6AM join the ranks of the multi "Big Guns." How about it Don?

TOP SCORES

SINGLE OPERATOR

ALL BAND

KV4FZ	1,947,456	LA0AD	1,035,188
ZD8J	1,709,955	W3GRF	1,024,125
YV5ANT	1,437,588	OM3OM	1,016,644
ZL1AJU	1,096,779	W4YHD	997,548
JA1AEA	1,043,100	9J2MX	994,224

SINGLE BAND

28 mc

K1JGD	158,510	LZ1KPG	159,964
ZE3JJ	145,340	SM5BPJ	131,394
HZ1AB	132,390	W2LXK	106,526
W8VSK	131,733	LZ1KSF	101,008
VE1TG	122,018	W5WZQ	91,504
W3MFJ	102,742	W3FU	89,094

7 mc

CR6GO	530,550	OM1BY	43,560
PY2SO	479,385	DJ3KR	42,070
K1FNA/		UQ2KAY	41,706
KG6	380,064	G3VWK	35,316
DU1UP	353,248	W1SWX	35,309
G3HCT	240,468	W2MEL	29,445
SM3VE	214,024		

21 mc

CR6GO	530,550	OM1BY	43,560
PY2SO	479,385	DJ3KR	42,070
K1FNA/		UQ2KAY	41,706
KG6	380,064	G3VWK	35,316
DU1UP	353,248	W1SWX	35,309
G3HCT	240,468	W2MEL	29,445
SM3VE	214,024		

3.5 mc

CR6GO	530,550	OM1BY	43,560
PY2SO	479,385	DJ3KR	42,070
K1FNA/		UQ2KAY	41,706
KG6	380,064	G3VWK	35,316
DU1UP	353,248	W1SWX	35,309
G3HCT	240,468	W2MEL	29,445
SM3VE	214,024		

14 mc

PY4OD	747,410	DL1CF	2,235
W4AXE	396,414	OM1IQ	2,185
K4PHY/		DL9KRA	2,112
YV5	296,429	OK1AWQ	1,984
K2KUR	253,450	OK1ATP	1,904
ZL4BO	234,252	OK2ZU	1,824
VK2APK	230,103		

1.8 mc

DL0KF	1,969,830	DL1CF	2,235
K1DIR	1,729,408	OM1IQ	2,185
9F3USA	1,599,754	DL9KRA	2,112
		OK1AWQ	1,984
		OK1ATP	1,904
		OK2ZU	1,824

MULTI-OPERATOR SINGLE TRANSMITTER

DL0KF	1,969,830	DJ2BW/	
K1DIR	1,729,408	LX	1,526,328
9F3USA	1,599,754	UA0KFG	1,321,650
		W2PCJ	1,260,480

MULTI-OPERATOR MULTI-TRANSMITTER

PJ0CC	8,258,787	W4ETO	3,435,939
W3MSK	4,560,038	W4BVV	3,209,518
OH2AM	4,118,688	W3GM	2,982,650

held up all foreign surface mail might have lost some logs. Many were received very late and in very poor condition.

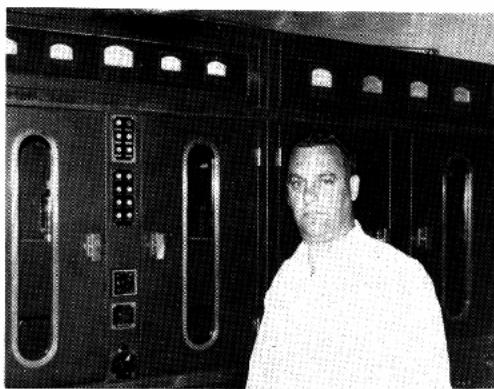
We could certainly use more activity out of the Caribbean/Central America, South America, Africa and Oceania areas. Even the W3AA and W6RR awards failed to turn on these guys.

And how do you account for the big turnout of VE6's in the phone contest but not a single one on c.w.? Guess the boys have forgotten the code and gone to "yakking."

However I still insist that the frequency cut-backs, that went into effect the day before the contest, had a marked effect on the participation of the US hams. Many of the old standbys informed me not to expect them in this year's c.w. affair; a rather drastic way to show their disapproval, but understandable. The lower activity on the lower 25 kc of the effected bands was quite evident. I would still like to know how the "powers that be" arrived at November 22nd as the effective date when these restrictions went into effect.

So much for that, now down to some actual details. The Trophy winners, Top scores and other lists tell their own story. You will note the Herb Schoenbohm, KV4FZ is the all band winner. Herb reversed his position in the phone contest and topped the Ascension Island competition, this in spite of the lower QSO point handicap for W/K contacts. So John Beck, ZD8J last year's champ had to be satisfied with the runner-up spot because he could not match KV4FZ's output on the lower frequencies.

It was decided not to present the W3AA award for the Caribbean/C.A. area due to



LU6FA, the 14 mc winner for Argentina. Basilio should really tear the band wide open with such an impressive looking rig, but he did not put in a full week-end.

a lack of eligible entries. This award, and the African too, is only available to permanent residents of these areas. And its a contest policy that only *one* award may be won by the same station.

I'm sure you will recognize PY4OD, the single band winner. Talma was also the single band winner back in 1962, and all band winner in 1964.

And W3GRF needs no introduction. Lenny won the first USA award in 1964, and can always be found in the Top Ten.

The European winner Bob Snyder, LA0-

PLAQUE & TROPHY WINNERS

Single Operator, Single Band

World—North Jersey DX Association, Earl Lucas, W2JT Memorial Trophy. Won by Talma D'Angelo Drummond, PY4OD.

Single Operator, All Band

World—Larry LeKashman, W9IOP Trophy Won by Herb Schoenbohm, KV4FZ.

U.S.A.—Frankford Radio Club Trophy Won by Leonard Chertok, W3GRF.

Europe—W3MSK operators' Trophy. Won by Robert M. Snyder, LA0AD.

Africa—Gordon Marshall, W6RR Plaque Won by D. J. Andrews, 9J2MX.

Multi-operator, Single Transmitter

World—Dr. Anthony Susen, W3AOH Trophy. Won by Station DL0KF. (Oprs. DJ3UL, DJ4FZ, DJ6TN, DJ7SW, DL1-FL, DL1GN, DL2ZT)

Mult-operator, Multi Transmitter

World—Hazard Reeves, K2GL Trophy Won by Station OH2AM. (Oprs. OH2-BBM, 2BBR, 2BC, 2BCZ, 2BH, 2BQ, 2BS, 2KH, 2QV, 2SB)

Contest Expedition

World—Donald Miller, W9WNV, Dr. Harold Megibow Memorial. Won by Karl Kozlik, VK2BKM/LH.

SPECIAL CQ PLAQUE

World Champions

Multi-operator, Multi Transmitter

Station PJ0CC. (Oprs. K1ANV, K3NPV, W1BDG, W1BIH, W1EOB, W1FJJ, W1-TX, W2ADE, W3ML, W4GF, W4KFC, W4ZM, W6RR)

Club Award

Potomac Valley Radio Club

AD will be remembered for his operation as WØGTA/8F4 two years ago. This makes it a double for LAØAD this year, Bob having also won the phone section.

Returns from Africa hardly justified the award donated by Gordon Marshall, W6RR, but 9J2MX's score did make the Top Ten, so Mr. Andrews has got himself a Plaque. We hope this will stimulate some African activity.

Over in the multi divisions the DL boys made a clean sweep in the single transmitter section, having also won the phone contest.

The "Big Guns" sure put on a show. The PJØCC expedition by members of the Potomac Valley and Connecticut Wireless clubs, maintained their championship. The W3MSK crew will have to wait another year before they are eligible for the Trophy, so the Cup goes to the boys of the OH-DX-Ring. This is the first time that OH2AM has won the C.W. Trophy, although they do dominate the phone contest.

The Committee and its donor Don Miller

are awarding the Contest Expedition Trophy to Karl Kozlik for his exceptional operation as VK2BKM/LH, making rare Lord Howe available to over 1000 contacts.

The *CQ* Club Award goes to the Potomac Valley gang again. The Frankford boys made a valiant effort and actually beat the PVRC in single operator scores total, but the big PVRC multi scores killed them.

The Northern Cal. Club finally topped the Southern Cal. group by a narrow margin. Mostly due to a concentrated effort in the multi-operator division.

Among the foreign clubs its still the Rhein-Ruhr DX group at the top of the list, although the expected increase over last year did not materialize. Many of the clubs that have been in contention in the past few years, have fallen by the wayside.

The list of club scores is somewhat curtailed because only clubs with three or more entries are being listed. So if you want to see your club listed you had better get after your members to send in their logs.

The highest score on a single band was again produced on 20 but 2nd and 3rd highest were made on 15 with CR6GO breaking the record on that band and PY2SO making her usual excellent showing. Sonia said that Jose's (the OM) sandwiches are improving so we can expect her back in the next one.

That's a new USA record on 20 for W4AXE, nice going Jim. It was WA4PXP at the key, and with 6 elements at 127 feet, he had a lot going for him.

No new world records were set on the lower frequency bands but W1SWX did set a new USA record on 80.

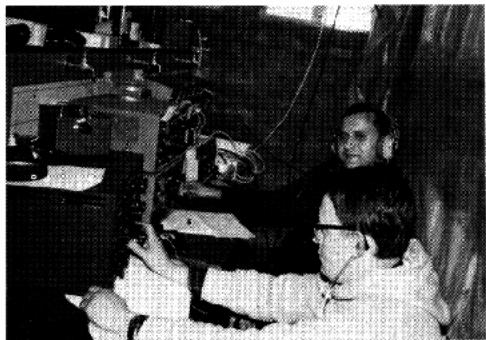
The Czechs again dominated the Top Band although they did not take top honors. If you look over the band by band breakdown you will note that the multi stations ran up nice totals on 160, especially OH2AM and PJØCC, the later giving a new country to many a top bander.

Once again we were given a valuable assist by some of the European organizations. The Central Radio Club of Chechoslovakia sent all their logs in neat packages, sorted by bands and categories, with scoring corrections made by Karel Krbec, OK1ANK and Milos Prostecky, OK1MP. The Rhein-Ruhr entries were handled by Gerhard Schnautz, DJ1QP and the DM entries were similarly treated by Klaus Voight, DM2ATL. And T. Jokiel SP-5GH took care of the PZK logs.

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The DJ2BW contest operation from Luxembourg. The crew at the entrance to the shack (?) L. to R.—DL1KS, DL8ML, DJ2BW & DJ7UK. The operating position, set-up in the wash room with DJ2BW and DJ6RX at the controls of the water cooled rig.



Number groups after call letters denote the following:
Band (A-all); Final Score; Number of QSOs; Zones and Countries. Certificate winners are listed in bold face.

C.W. Results

SINGLE OPERATOR

NORTH AMERICA

United States									
WAIFHU	A 469,068	618	85	179	W3PBN	" 219,480	320	84	152
WIEZD	" 201,720	336	72	133	W3GAR	" 181,472	293	69	143
WIWY	" 142,800	253	68	132	K3BNS	" 127,115	415	46	99
KILMS	" 63,180	164	49	86	WA3EPB	" 136,374	253	69	122
WIAK	" 53,361	149	44	77	W3WJD	" 119,727	261	51	108
WA1IWD	" 25,795	117	23	54	W3EYW	" 75,831	172	59	98
W1DXB	" 23,821	98	34	49	W3JET	" 52,540	126	58	90
WIAWE	" 2,574	33	9	17	W3KA	" 48,342	166	30	64
K1JGD	28 158,510	520	28	82	W3EOA	" 39,270	130	39	66
KILWI	" 113,934	384	28	74	W3GHD	" 35,020	128	43	60
WICNU	" 6,636	56	18	24	WA3KOS	" 33,120	101	46	74
W1MDO	21 171,796	505	32	84	W3CGS	" 33,110	112	38	57
WIPU	" 1,400	21	9	16	W3GN	" 26,312	102	39	49
WIWAI	7 81,116	300	25	69	W3LBN	" 20,999	86	24	59
WIEEF	" 15,416	134	11	30	W3CBF	" 17,136	85	29	43
W1WMH	" 264	8	5	7	W3HVM	" 11,072	58	22	42
W1SWX	3.5 35,309	188	18	49	W3PBN	" 3,027	45	22	27
W1BB	1.8 1,044	24	6	12	W3GAR	" 2,318	30	19	19
W2GGE	A 715,356	872	84	195	W43GUL	14 87,042	330	30	59
K2DJD	A 570,300	661	92	208	W4KTHA	" 78,600	280	32	68
W2DXL	" 474,324	589	93	189	W4KXX	" 295,708	440	80	156
K2OIL	" 345,772	506	68	165	K4EZ	" 273,585	321	99	206
WA2BLV	" 226,464	342	81	143	W4SYL	" 197,184	332	68	140
K2DKD	" 224,504	296	87	179	W4ZSH	" 170,854	332	67	147
W2HTI	" 208,008	339	78	138	W4DM	" 155,700	332	67	147
W2BHM	" 203,196	308	81	155	W4TRM	" 158,840	334	70	132
W2HL	" 190,490	314	73	142	W4MYA	" 143,027	323	49	10°
W2LA	" 173,667	280	69	150	W6HON	/4 " 128,520	320	76	128
W2LV	" 160,224	288	62	132	K4CFS	" 79,350	181	51	99
W2HUG	" 129,390	240	67	123	W6YVA	/4 " 66,750	194	48	77
W2DXX	" 107,200	226	53	107	W4OMW	" 60,240	185	42	78
K2CPR	" 87,040	201	58	102	W4RNL	" 59,535	164	38	67
W2ZV	" 84,084	190	54	102	K5FSE	/4 " 45,577	140	42	77
W2HDW	" 79,440	223	37	83	W4WBC	" 39,780	127	50	67
W42ADU	" 59,125	166	48	77	W4WSF	" 31,584	114	34	62
WB2RNL	" 54,695	158	43	86	K4TSI	" 26,418	87	48	71
W2LNB	" 50,568	135	48	81	W4GHV	" 20,661	81	37	60
W2CVW	" 50,218	145	42	77	W4KMS	" 13,527	58	35	46
K2MFY	" 50,112	150	38	78	K4RDU	" 8,892	54	20	37
W2AZS	" 37,318	134	31	63	W4IRD	" 8,832	57	31	38
W2CKR	" 30,330	118	29	61	W4EZ	" 5,814	41	20	31
W2UJ	" 17,578	68	37	57	W4WKJ	" 4,416	34	18	28
W2MB	" 16,044	69	37	47	W4FCJ	" 4,370	32	20	26
K2OEA	" 14,910	73	26	45	W6N1HK	" 400	25	6	2
W2LHL	" 8,288	56	23	33	W4OWI	28 98,406	339	28	71
W2FPM	" 5,470	74	28	49	W4WEFJ	" 58,638	234	26	61
K2VGR	" 4,399	43	23	30	W4HOS	" 34,034	156	23	54
WA2BCK	" 2,944	33	11	21	W4DRK	" 20,496	128	19	37
W2LKH	" 2,809	45	17	30	W4BI	" 21,113	145	400	27
W2JB	" 2,546	29	14	24	W4AKE	14 396	414	836	39
F3VN/W2	" 544	11	7	8	W4HMM	" 133,632	400	32	84
WA2QJD	28 86,292	316	27	67	W4SNU	" 104,336	367	29	72
W2R2D	" 55,642	225	25	61	W4CYZ	" 101,898	371	33	78
W2B1H	" 40,117	183	23	54	W4FRO	" 59,186	200	30	71
W2QKJ	" 19,082	115	18	40	W5WMU	" 67,938	186	49	85
W2NEP	" 17,050	109	16	39	K4X'Y	" 21,170	92	28	52
W2SUC	21 130	410	423	29	W5EUS	" 18,236	66	30	66
W2WD	" 91,674	326	28	76	W5MSG	" 408	9	9	8
K2KUR	14 253,450	646	37	100	W5GO	A 474	621	578	97
W2HO	" 99,678	314	32	79	K5RCO	" 377,200	502	95	169
W2CP	" 58,743	188	33	74	W5BUK	" 130,536	243	71	125
W2CYW	" 13,629	80	19	40	W5WMI	" 67,938	186	49	85
WB2UOP	" 12,815	85	20	35	K5DGI	" 21,170	92	28	52
W822PB	" 5,382	51	14	25	W5EUS	" 18,236	66	30	66
W2LXK	7 106,526	374	25	73	W5MSG	" 408	9	9	8
W2MT	" 15,740	90	16	44	W45UZJ	28 12,288	94	20	28
W2MEL	3.5 29,445	172	18	47	W5ONQ	" 140	6	5	5
K2DGT	" 8,880	82	15	25	W5EOT	21 115,943	435	29	72
W2EQS	1.8 646	19	6	11	W5ANUK	" 51,570	205	29	61
W3GRF	A 1,024,125	953	111	264	W5KC	14 95,584	289	33	83
W3UWU	A 984,552	938	105	259	W5OBX	" 91,410	294	34	76
W3MFW	" 727,603	720	109	257	W5LLB	" 90,160	291	34	78
W3WPQ	" 708,180	883	89	201	W5WZQ	" 91,504	284	31	81
W3GN	" 568,176	730	86	181	KGNA	A 613	632	782	100
K7ADD/3	" 529,064	556	104	224	K4BVD/6	A 609	939	702	109
W3NZ	" 406,380	539	85	175	W3GRF	" 219,480	320	84	152

TOP U.S.A. SCORES

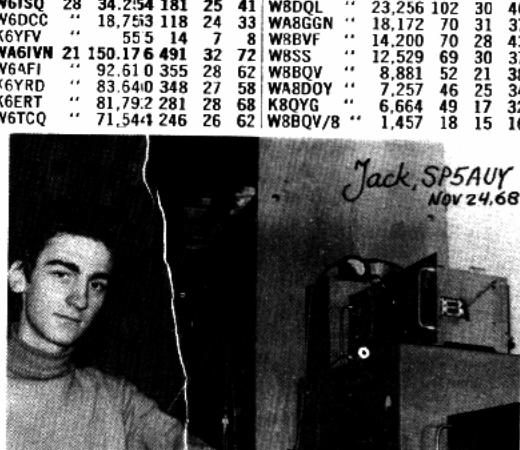
Single Operator

All Band	W3GRF	1,024,125
28 mc	K1JGD	158,510
21 mc	W1MDO	171,796
14 mc	W4AXE	396,414
7 mc	W2LXK	106,526
3.5 mc	W1SWX	35,309
1.8 mc	W1BB	1,044

Multi Operator

Single Trans.	K1DIR	1,729,408
Multi Trans.	W3MSK	4,560,038

WB6HGU/6	WB6NWK	22,630	125	21	41
W6CYX	W6HJN	" 12,886	78	23	33
W6QY	W6ABVY	" 559	16	7	6
W6EJJ	W6CS	14 44,361	169	35	58
K6KA	W6CYY	" 27,156	101	31	62
W6EPQ	W6CYY	" 25,333	436	85	122
W6TZD	W6CYY	" 25,128	336	77	23
W6TQK	W6CYY	" 21,147	140	24	33
W6NKR	W6DQ	3.5 4,624	54	1	19
K6DR	W6DQ	" 201,388	353	89	10
W6ERS	W6DQ	" 192,378	384	79	125
W6AM	W6DQ	" 177,503	310	73	121
W6CY	W7IR	A 665,022	639	117	249
K6MG	W7AYY	" 261,408	410	92	132
W6JKU	W7AYY	" 252,333	436	85	122
W6NEX	W7AYY	" 25,128	336	77	23
W6EJ	W7AYY	" 22,638	122	27	39
W6JKR	W7AYY	" 126	7	7	7
W6UDC	W7AYY	" 28,49,280	217	27	53
W6HO	W7AYY	" 26,108	221	27	53
W6B8L	W7AYY	" 15,225	67	41	46
W6GBY	W7AYY	" 10,332	60	30	33
W6L0L	W7AYY	" 7,252	66	12	25
W6BVB	W7AYY	" 3,984	32	23	23
W6EJA	W7AYY	" 1,850	27	12	13
W6IQM	W7AYY	" 1,612	18	15	16
W6ISQ	W7AYY	" 34,254	181	25	41
W6DCO	W7AYY	" 18,753	118	24	33
K6YFV	W7AYY	" 555	14	7	8
W6IVN	W7AYUQ	" 21,150	176	491	32
W6AFI	W7AYUQ	" 92,610	355	28	28
W6BQV	W7AYUQ	" 8,881	52	21	38
K6YRD	W7AYUQ	" 83,640	348	27	58
K6ERT	W7AYUQ	" 81,792	281	28	68
W6TCQ	W7AYUQ	" 71,541	246	26	62
W8BQV/8	W7AYUQ	" 1,457	18	15	16



SP5AUY, the young 21 mc winner for Poland. Jack finds our contest "very interesting" and being a young fellow, has many more to look forward too.

KH6FRQ	7	1,197	57	4	3
Lord Howe Island					
VK2BKM/LH	A	703,296	1095	85	137
Philippines					
DU1AT	A	481,644	822	91	113
DU1UP	21	353,248	1081	33	79
DU1CE	"	138,776	539	30	58
New Zealand					
ZL1AJU	A	1,096,779	1295	109	182
ZL1AMO	21	62,030	295	23	46
ZL1IL	"	13,975	115	18	25
ZL4BO	14	234,252	748	34	74
SOUTH AMERICA					
Argentina					
LU7AS	A	37,754	149	38	48
LU6FA	14	122,061	357	30	57
LU5FEH	"	45,045	284	23	32
Brazil					
PY3BXS	A	4,817	53	15	14
PY7SR	"	4,698	54	12	17
PY1CKV	28	3,952	84	8	8
PY2SO	21	479,385	1211	38	97
PY4OD	14	747,410	1621	39	116
PY1PK	"	14,615	269	22	33
PY7AEW	"	5,056	51	17	19
PY3ANP	"	3,150	54	12	9
PY2YC	"	396	13	6	5
PY7VNY		3.5	420	28	3
PY2BHJ	1.8	99	6	4	5
Chile					
CE4AD	A	39,760	243	28	28
CE2CR	21	3,406	48	13	13
Colombia					
HK4ALE	A	109,263	481	34	43
Neth. Antilles					
PJ2VD	3.5	18,704	225	10	18
Peru					
OA4PF	A	523,926	795	89	145
Trinidad					
9Y4KK	A	259,492	761	55	61
Venezuela					
YV5ANT	A	1,437,588	1835	83	178
YV1DP/YV5	21	28,195	198	18	31
K4PHY/YV5		14	296,429	845	34
YV4OY	"	66,588	360	24	38
YV5BKA	7	17,329	190	11	20
Multi-Operator					
Single Transmitter					
NORTH AMERICA					
U.S.A.					
K1DIR	1,729,408	1,263	136	336	
W2PCJ	1,260,480	1,084	114	290	
W8UJM	932,719	878	117	262	
W4ZKI	829,380	814	106	239	
W3MWC	812,772	845	103	218	
W8IAH	705,875	788	110	215	
W9EXE	624,526	726	105	209	
W4TRC	578,452	688	97	195	
K3JYZ	543,515	659	87	206	
W6KG	538,958	700	103	171	
W4GUFW	530,604	643	111	178	
W8IPA	483,039	507	94	187	
W6GFS	457,920	608	102	168	
WA2IZS	364,896	522	82	170	
W3K3T	283,866	393	84	169	
K6EVK	235,640	600	37	100	
W6QJW	234,588	476	95	131	
K5YPS	110,871	404	26	71	
K3JLK	38,850	122	40	71	
Alaska					
KL7GKA	207,220	647	65	65	
Canada					
VE2DCW/2		403,555	708	67	148
VE1ASJ		475,803	747	87	174
VE4MF		129,129	370	54	89
VE6KAE		367,296	686	53	139

United States Club Scores

Potomac Valley Radio Club	29,523,987
Frankford Radio Club	22,001,615
Northern California DX Club	13,952,597
Southern California DX Club	13,797,267
Golden Triangle DX Club (Fla.)	7,309,826
Florida DX Club	5,661,121
Northern Illinois DX Assoc.	4,311,865
Connecticut Wireless Assoc.	4,224,394
Order of Boiled Owls (N.Y.)	3,595,267
North Jersey DX Association	3,251,940
128 Contest Club (Mass.)	3,023,769
Laurentian DX Club (Montreal)	3,146,446
Western Washington DX Club	2,911,838
Southern Pacific A.R.C. Society	1,735,441
West Park Rodiops (Ohio)	1,288,933
Central Michigan A.R.C.	1,233,632
Rochester DX Association (N.Y.)	812,709
Minnesota Wireless Association	686,818
Ohio Valley A.R. Assoc.	606,631
Miami Valley A.R.C. (Ohio)	465,757
QCWA DX Club (N.Y.)	352,904
Sagamore Valley DX Assoc. (III.)	278,384
Brightleaf A.R.C. (N.C.)	209,342
Richardson A.R.C. (Texas)	194,270
Oak Park A.R.A. (Mich.)	173,410

Canada

Northwest DX Association	3,023,769
Calgary Amateur Radio Assoc.	1,512,190
Canadian DX Assoc. (Toronto)	1,456,510
Edmonton DX Club	969,066

Trinidad	79,734	376	43	54	
9Y4KK	A	259,492	761	55	61
Venezuela					
PJ5MO		330,540	1,123	57	83
AFRICA					
Ethiopia					
9F3USA		1,599,754	1,599	104	234
ASIA					
Japan					
JAGYCU		873,422	1,007	119	200
JAIYHA		299,314	535	92	126
JA6YAF		195,545	421	79	106
JAIYUL		94,355	315	55	58
JAY9YCE		54,990	233	44	46
JAIYDU		49,896	199	50	58
JAYYFL		178,398	374	79	108
Korea					
HL9US		566,004	1,082	82	120
U.S.S.R.					
Club Stations					
Asiatic					
UA9KQA		660,558	863	68	199
UA9KAG		476,718	765	68	165
UA9FU		138,840	483	21	83
UA9KOG		135,061	308	37	94
UA9KDL		31,382	171	22	49
UA9KMD		26,145	206	21	42
UA9KJA		15,444	125	11	33
UA9KDI		11,460	188	15	45
UA9KDL		9,780	88	17	28
UA9KYA		3,969	63	10	17
UA9KFG		1,321,650	1,694	110	187
UA0KUV		215,327	688	47	86
UA0KZD		82,983	593	41	28
UA0KZB		35,348	293	26	23
UA0KSB		33,524	252	22	36
UA0KCW		18,718	196	22	27
UA0ZH		6,162	167	17	17
UD6KAB		375,760	675	66	154
Azerbaijan					
Georgia					
UF6KAE		367,296	686	53	139

Foreign Club Scores

Rhein-Ruhr DX Association	21,124,785
OH-DX-Ring-Ry. (Finland)	14,192,808
Saar-Pfalz Radio Club (Germany)	6,887,834
Lampertheim-Beugstrasse (Germany)	3,430,533
Radio Club Venezolano	3,383,900
Akademisk Radioklubb (Norway)	2,484,550
Uruguay DX Club	2,475,411
Gateway to Europe R.C. (Germany)	2,445,838
Wetterau DX Assoc. (Germany)	2,286,474
Leningrad Radio Club (USSR)	2,109,944
Kiel Canal Activity Group (Germany)	1,969,838
Kaunas Politechnic A.R.C. (Lith.)	1,681,452
SP-DX Club (Poland)	1,560,328
Sakhalin Island R.C. (USSR)	1,321,650
Moscow Citizens R.C. (USSR)	1,073,516
Swiss DX Club (Switz.)	1,019,715
Lvov DX Club (Ukraine)	974,688
Kiev Radio Club (Ukrain)	592,217
DM-DX Club (East Germany)	571,799
Mauritius Amateur Radio Society	418,973
Radio Club of Latvia	304,998
Kharov Radio Club (Ukraine)	287,789
Beograd "Mihailo Pupin" (Yugoslavia)	276,571
Hammarbyhoejden Wireless (Sweden)	183,461
Radio Club Derventa (Yugoslavia)	148,680
Plovdiv Radio Club (Bulgaria)	139,700
Radio Club of Tallinn (Estonia)	117,988

DL0AAA	685,359	1,135	89	182	UB5KAU	193,880	672	50	135
DL8CM	538,620	1,016	80	155	UB5KFF	184,549	630	48	131
DK1VN	517,671	1,266	79	170	UB5KID	179,252	607	51	113
DJ1DJ	251,878	677	68	146	UBKKO	158,015	780	37	106
DJ4ZB	502,775	917	73	148	UB5KAG	71,250	404	33	81
DL8AM	242,946	606	67	131	UB5KKB	55,596	302	34	89
DJ6JC	220,770	637	58	107	UB5KBA	55,020	218	45	86
Hungary									
HA5KDQ	299,706	770	70	139	UB5KAW	52,692	235	38	86
HA9KOI	98,134	452	37	102	UB5KDS	36,816	256	26	52
HA9KOB	58,088	312	34	78	UB5KL	33,575	171	27	58
White Russia									
HA3KNA	42,432	257	33	69	UC2KAC	52,924	413	26	75
HA8KUX	33,504	201	27	69	UC2KBM	52,398	458	19	52
HA4KYH	16,320	160	18	42	UC2KMZ	33,512	441	16	43
HA9KPE	13,090	168	19	51	UC2KNU	30,870	191	24	46
HA5YAD	10,868	206	12	40					
Luxembourg									

DJ2BW/LX
1,526 328 1,837 112 257
Norway

LAIH 742,668 1,117 91 220
Poland

SP8KAR 92,421 397 48 115
SP8KAF 51,040 348 27 83
Sweden

SK6AB 1,218,440 1,524 102 230
SK9BW 347,814 744 71 155

SK6AD 41,888 207 36 52
Wales

GW3NJW 156,624 554 45 111
Yugoslavia

YU3EY 391,058 792 74 177
YU1BPQ 85,715 437 45 110

Multi-Operator

Multi-Transmitter

NORTH AMERICA

W3MSK 4,560 038 2,696 166 423

W4ETO 3,435,939 2,374 145 362

W4BV 3,209,518 2,240 145 349

W3GM 2,982,650 2,077 141 352

W6GP 2,180,864 1,712 146 302

W3TV 2,002,296 1,545 131 325

K4CG 1,456,031 1,258 118 283

W6ISA 1,405,457 1,284 131 258

W3LYJ 1,354,263 1,118 129 208

W7SFA 1,280,485 1,256 124 231

K6AHV 1,201,975 1,151 135 232

W3OY 1,183,330 1,141 110 255

K3JH 1,181,505 1,085 104 261

W2CKM 1,000,644 956 111 255

W6ANN 968,000 952 121 231

K6UYC 844,998 859 117 224

W6WX/6 806,520 911 116 196

K6AN 701,099 748 118 211

W3NX 561,156 631 95 208

W6SR/6 550,830 639 110 191

VE6AVE 9,240 126 28 7

ASIA

JA0YAN 339,822 691 83 103

JA3YBF 272,000 626 76 94

K42NY 302,760 720 70 104

EUROPE

OH2AM 4,118,698 3,277 155 412

OH1AA 2,192,125 2,215 136 339

UIA 2,109,944 2,849 114 274

SK54J 1,971,840 2,366 121 295

DL4FB 1,396,850 1,935 107 243

0Y6FRA 719,865 1,771 67 188

UB5KBB 563,693 910 93 238

DL0MU 507,185 930 79 166

OH2AL 454,701 902 77 190

OH6AA 270,756 903 58 149

OH3AG 222,992 715 51 125

LA2AB 121,128 547 45 123

SOUTH AMERICA

PJ0CC 8,258,787 6,046 135 324

Our thanks to the following stations who sent in their logs for checking purposes.

DK2BZ, DJ0TA, DL4PV, DM-

2AD0, DM2AU, DM2BJD,

DM2AXM, DM2BNJ, DM2-

BNL, DM2BKW, DM2BYE,

DM2CLM, DM3DBM, DM3TF,

DM3WSO, DM3XVD/p, DM3-

YYA, DM3ZOC, DM4CF/DM-

4UA, DM4WPL, DM4YCF,

DM5VL, KSFKT/KP4, LA4LL,

LA1YW, OI1AKG, OI1KCD,

OK2BBJ, OK2OU, OK3ALE

/p, OH1LA, OH2BAC, OH6-

NH, OH6VR, OH6NI, OZ2LW,

PY2BKO, SM3CJD, SM5BDY,

SM6RSM/6, SM7MS, SM7-

DIE/7, SP2LV, SP3CGA, SP-

9AOA, SP8-1079, UA3FK,

UA6KPA, UA6LC, UA9ES,

UB5ES, UB5OP, UW4HW,

UY5OB, UY5ZL, UA2-12533,

VE3DV, VK2AND, W2WZ, WA-

3KOI, W4RAE, W4WSX, OH3-

UQ/W6, Y03KSD, Y06-5706.

Moldavia

Kalininograd

UA1SKS 10,653 153 15 62

Lithuania

UQ2KAA 638,100 1,090 85 215

U02KCT 214,605 686 65 106

U02KCR 211,684 712 54 133

UQ2KAX 151,008 584 57 119

U02KAE 36,594 254 23 45

UQ2KFN 24,381 278 17 64

U02KEO 13,276 185 14 29

UQ2KAW 12,378 223 11 35

UQ2KEN 3,149 59 15 32

Ukraine

UP2KBA 213,031 548 61 162

UP2KPI 103,248 553 34 110

UP2KCB 102,592 743 29 73

UP2KAG 59,360 386 23 83

UP2KMU 25,848 275 26 46

Moldavia

U05KRU 3,920 68 9 19

Latvia

UQ2KAA 10,653 153 15 62

DL1KS, DL8ML, DL9OH, DJ4ZR & DJ9IE, DJ6JC & DJ5WY, DJ9KL, DL3DA, DK1VN & 9 Operators, DL8AM & DJ2XP, DL8CM & DL8CH, DLQAAA: DJ4XG, DJ5DA, DL3BK, DL3OH, DL0KF: DJ3UL, DJ4FZ, DJ6TN, DJ7SW, DL1FL, DL1GN, DL2ZT: DJ4AX, DJ6TK, DJ8SW, DJ9YI, DL0WW: DJ1NT, DJ1YP, DJ2SX, DJ3GR, DJ5JI, DJ6NT, DJ9CE, DL2UU, DL3ZA: G3SSO: G2HDU, G3FXA, G3LCJ, G3PEO, G8KG, G5BK: G3CEG, G3LDA, G3OLN, G3TVM, G3WKH, G3SVK, G8AX, GB2SM: G3CRP, G3HZL, G3JEA, G3JUL, G3NYY, G3OHP, G3SZG, G3TLG, G3TUM, G3UFM, G3VJG, GW3NJW & GW30AY, HA3KNA: HA3NB, JANOS, HA4KYH: Club, HA5KDQ: Club, HA5YAD: Club, HA8KUX: Club, HA9KOB: Club, HA9KOL: Club, HA9KPE: Club, HL9US: K4BAI, WA3EHT, WA9ZMT, WB6POH, JA1YDU, JA1LLX, JA1PLQ, JA1SNA, JA1TGY, JA8BCP, JA1YHA: JA1SHC, JA1TBA, JA1UQD, JA3LCL, JA5ALN, JA8DIM, JA1HOFW, JA1YUL: JA1LHR, JA1QZY, JA2CEC, JA3OLQ, JA4BYK, JA7AXG, JA7CQW, JA9BZJ, JA6WAF: Club, JA6YFCU & JA6DXA, JA6DSE, JA6ECF, JAENR, JA6YFL: JA6DMC, JA6EFR, JA6ELV, JA6FFK, JA6HNQ, JA9YCE: JA9BGX, JA5BPH, JA9BYN, JA9CQK, JA9CXS, JA9CXZ, JA9DED, JA9DEE, JA9DHO, K1DIR & W1BPW, K3JLK & K3LJZ, K4CJZ & W0UCE, WA3HTQ, K5YPS & K5SNL, K6CQF & VE3DXV, W6CUF, K6EVR & W6UED, W6VPH, KL7GKA & K4JLD, LA1H: LA8UL, LA9O1, LZ1KAA: Club, LZ1KBG: Club, LZ1KDZ: Club, LZ1KRB: Club, LZ1KRQ: LZ1FJ, LZ1ZO: Boby, LZ1KSM: LZ1GG, LZ1LL, LZ1PP, LZ1SS, LZ1WW, LZ2KSK: Club, LZ2KAF: Stefan, Todor, LZ2KHM: Club, LZ2KZR: Club, LZ2KSU: Club, OH2BFJ & OH2LP, OH5UX & OH5UY, OH5WA, OH2KJU: Club, OK3KAG: OK3-CIR, OK3DI, OK3ZAG, OG3ZIR, OM3ZIR, OM1KTL: Club, OM1KZD: OK1AVV, OK1AWW, OK1EX, OK1FO, OK1-15683, OM1WC & OK1APJ, OZ1LO & OZ3ON, OZ7GI/OZ5DX & OZ4UN, OZ5WQ, OZ7BO, OZ7DH & OZ6OX, OZ7OF, PJ5MO: PJ2ME, W4GSM, SK6AB: SM2BJ1, SM6CZZ, SM6DXK, SM6-VR, SK6AD: SM6AMR, SM6BDM, SK0BW: SM0CXU, SM0-DZL, SM0EIE, SP8KAF: Club, SP8AJK, SP8BWW, UA1KMKM: UA1UG, UA1TZ, UA3KAO: UV3CO, UW3BO, UW6BK, Slava, UA3KZQ: UA3EX, UA3EZ, UV1EQ, UA3-1471, UA4KKC: UA4LA, UA4LG, UA4LM, UA4LN, UA4LI: UA9FU & UW3GN, UA9KAG: UW9OL, UW9PT, UA9KQA: UA9QD, UA9RJ, UA9RQ, UA9RR, UA0KFG: UA0FE, UA0EH, UA0FM, UW0FP, UW0FP, UD6KAB: UD6AY, UD6BW, UD6-0019, UF6KAE: UF6AP, UF6AS, UF6-AS, UF6BD, UF6BX, UF6HA, UF6HF, UF6HK, UF6HS, UF6HW, UF6-6260, UF6KAR & UF6GE, UP2KPI: UP2NMH, UP2MMA, UQ2KAA: UQ2AQ, UA2Q, UQ2PN, UQ2-0371, VE1ASJ & VE1DH, VE2DCW/2 & WA2UPC, VE4MF & VE4JB, VE6AED & VE6AVR, W2PCJ & WB2CKS, W3KT & WA3ATX, W3MWC & W3WJD, W4TRC: K4LRL, W4CHK, W4DMS, W4ZXI & K4MZU, K4SHB, W6GFS & W6BKBK, W6KG & W6DOD, W6QJW & W6VNJ, W8IPA & K8CWM, W8UM: K8-QKY, WA8CZH, WA8OBG, WB2FIT, W9EXE & K9YOE, W9YYG, WA8QTY, W0AIH & K0ZXE, WA2IZS & W2UI, WA6UFW & K6AUC, W6BH, WA6IQM, YU1BPQ: Club, YU3EY & YU3TBM, 9F3USA: K7ZBN, W4DIW, W4EJP, W4SYX & W5QHD.

M.O.M.T. Station Operators

DL4FB & DJ1KG, DJ9CN, DJ9RT, DK1IO, DK1KQ, DL3BA, DL4RW, John, DL0MU: DJ1FC, DJ9TQ, DJ9TS, JA3YBF:

JA3EBT, JA3FGJ, JA3KGF, JA0YAN: JA2DHL, JA2LQG, JA3KUD, JA7BHG, JA0AIF, JA0DRH, K3JH & K3JLJ, WA3-FZR, K4CG: K3WUW, K4POL, K4ZA, WB4GTS, K6AHV & K6DC, K6PJJ, WB6BAZ, WB6HDH, WB6OJD, K6AN & K6ALH, W6RGG, K6UYC & W6KNE, W6OSU, W6WWQ, WB6-CWD, KA2NY: K6ZBV, K9OXC, Dennis, LA2AB: LA7UH, LA8WF, LA8YB, LA9XH, OH1AA, OH1PI, OH1R, OH1RS, OH1SU, OH1SY, OH1WR, OH2VY, OH2AL: Club, OH2AM: OH2BMM, OH2BBR, OH2BC, OH2BCZ, OH2BH, OH2BO, OH2BS, OH2KH, OH2OV, OH2SB, OH3AG: Club, OH6AA: OH5TM, OH5NH, OH6WI, OH6XP, OH6YA, OH6YD, OH6ZH, OH6FRA: OH2Y, OH2J, OH3Y, OH3Y, OH3Y, OH4R, OH5NS, OH5Q, OH7M, OH7ML, OH8NR, OH9IM, PJ0CC: K1ANV, K3NPV, W1RGD, W1BIH, W1EOB, W1FJU, W1TX, W2ADE, W3ML, W4GF, W4KFC, W4ZM, W6R, SK6AJ: SM5AD, SM5CAK, CM5CBN, SM5CEU, SM5EAC, Arne, LA1A: UA1AJ, UA1DA, UA1FN, UA1KAC, UA1KBW, UW1AB, UW1BG, UW1CX, UB5KBB: UB5LM, UT5TC, UY5DP, UY5OC, UY5OM, VE6-AVE: Club, W2CXM: WA2UJM, WA3HRV, VE2ROK, W3GM & W3BP, W3BYX, W3DRD, W3GFM, W3HHA, W3KV, W3NOH, W3TGM, W3MFB & K3EST W3FYS, W3IN, W3ZKH, W4CRW, W8CON, WA0GQI, WA0SDC, W3NXP & W3NNK, W3OV & K3HTZ, W3TV & W3AOH, W3LMM, W3LOE, W3UHN, W3YLY, W3ADTO, WA3GJU, W4BVF & K3OAE, K9OPF, W3YB, W3DPJ, W4ETO & W4ERB, W4CKB, W4JDR, W4LCP, W4OBK, W4TLN, W4WS, W0BE, W0YCR, WA4DHU, W6ANN & W6DFY, W6AGFD, W6BFC, W6GPK & K9LBQ, K9ZMS, W6DGH, W6DOX, W6JPH, W6RW, WB6OLR, WB6W, WB6OLD, W6ISA: K6SDR, K6VZA, W5CWQ, W6ITY, WA6CZR, WA6LBP, WB6EFA, WB6-LFR, WB6LNW, WB6OLR, WB6OYQ, WB6OYU, WB6VTM, W6SR/6 & K6OZL, W6GQK, W6WXY/6 & K6EEB, WB6KIG, W7SFA & K7HAX, W7DL, W7ENW, W7LAV.