

2013 ARRL 10 Meter Contest – W/VE/XE Line Scores

Scores are listed by Country and then by call area and ARRL Section (US), RAC Section (Canada), or state (Mexico), Scores are then listed in descending order: Single Operator categories sorted by power, followed by Multioperator categories sorted by power. Line scores list call sign, score, QSOs, multipliers, operating category and then power.

Operating Category Key: A= SO Mixed Mode, B=SO Phone Only, C=SO CW Only, D & E = MO.
Power Key: A=QRP, B=Low, C=High.
"Spotting" = used spotting assistance

United States

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CT

W1WQG	3,072	37	24	A	A
W3EP	934,284	1,355	226	A	B
K1PU	269,610	502	165	A	B
NJ1Q	192,444	443	158	A	B
K1MVM	101,000	286	125	A	B
W1TS	27,010	138	73	A	B
W1VT	17,270	104	55	A	B
WR1B	12,190	78	53	A	B
NG1R	10,580	118	46	A	B
W1QH	6,600	54	33	A	B
AB1NG	1,386	34	21	A	B
KQ2M	2,783,836	3,105	302	A	C
NN1N	1,515,786	1,975	257	A	C
K1LTJ	197,784	568	164	A	C
K1ZZ	104,646	300	107	A	C
AB1QP	61,334	196	91	A	C
W1RPG	12,084	115	53	B	B
W1ZFG	6,192	72	43	B	B
KA1VMG	5,460	68	42	B	B
N1ORK	986	31	17	B	B
KC1ARQ	768	24	16	B	B
KA1ZD	87,768	481	92	B	C
N1XF	55,796	378	74	B	C
N1ROZ	27,380	199	74	B	C
WA1LJD	12,960	88	45	C	B
W1QK	650,424	1,328	123	C	C
K1BV	361,148	807	113	C	C
K1RM	330,864	737	113	C	C
W1WFF	171,296	430	101	C	C
W1TJL (+K1EBY, N1XF, + spotting)	1,351,152	1,712	264	D	C
W3IZ (+ spotting)	152,456	434	118	D	C
KA1J (+ spotting)	102,120	230	111	D	C
N1MD (+ spotting)	1,440	24	15	D	C
K1DM (+ spotting)	1,400	25	14	D	C
N1EN (+ spotting)	385,700	512	203	E	B
N1API (+ spotting)	366,300	570	198	E	B
K1VW (+ spotting)	306,516	628	123	E	B
W1AN (+ spotting)	75,656	195	98	E	B
K1NYK (+ spotting)	39,840	164	80	E	B
K1SEZ (+ spotting)	23,504	114	52	E	B
N1ZN (+ spotting)	10,608	105	51	E	B
W1RJ (+ spotting)	5,760	76	40	E	B
W1VCM (N1WKO, KB1WFF, KB1WFI, W1STP, W1FTE, KB1KIZ, ops)	3,038	52	31	E	B
EMA					
K1VUT	33,180	129	70	A	A
W1CCE	415,080	654	180	A	B
N1ILZ	5,146	84	31	A	B
W1BJ	2,808	40	27	A	B
K1SM	243,970	514	155	A	C
K1YA	59,334	223	93	A	C
N1WRK	63,882	351	91	B	B
W1DYJ	48,420	274	90	B	B
N1ALO	44,032	257	86	B	B
KA1AMR	32,076	243	66	B	B
K1DEC	21,546	176	63	B	B
KB1REQ	9,568	108	46	B	B
W1MJ	2,068	47	22	B	B
W1CRK	560	20	14	B	B

W1CAA	338	14	13	B	B
W1PLK	70	7	5	B	B
KG1E	196,680	897	110	B	C
K1SX	25,080	115	57	C	A
KF5VEN	12,040	70	43	C	A
K1GGI	102,480	306	84	C	B
N1DC	82,584	280	74	C	B
AK2MA	51,684	180	73	C	B
WO1N	40,320	169	60	C	B
N1IBC	13,376	84	44	C	B
K1MC	10,764	69	39	C	B
WD1H	9,048	63	39	C	B
AB1HL	6,144	48	32	C	B
KE1J	1,005,360	1,782	142	C	C
W1UE	349,248	823	107	C	C
W1FM	89,872	275	82	C	C
K1LZ (AE2W, N8BO + spotting)	3,569,956	3,086	338	D	C
W1NA (+IBULL, I8NHJ + spotting)	1,841,936	2,061	292	D	C
W1KM (KA1IOR, N1TB, W1KM + spotting)	1,417,520	1,658	232	D	C
KX1G (+KG1V, AB1X + spotting)	467,854	710	223	D	C
K1VK (+ spotting)	200,490	352	163	D	C
K1TH (+ spotting)	155,388	373	138	D	C
W1FJ (+ spotting)	98,936	300	83	D	C
K1RV (+ spotting)	74,880	210	90	D	C
W1KQ (+ spotting)	15,504	102	51	D	C
KK4UHK (+ spotting)	1,850	37	25	D	C
AB1J (+ spotting)	186,528	403	134	E	B
WA1DRQ (+ spotting)	85,910	304	121	E	B
K1TW (+ spotting)	69,920	231	92	E	B
NØXZ (+ spotting)	26,928	103	66	E	B
N1RLR (+ spotting)	11,130	109	53	E	B
W1HFG	2,950	37	25	E	B
ME					
N1JD	129,360	355	98	A	B
K1JB	430,770	857	173	A	C
W1CEK	572	22	13	B	A
KC1EL	9,984	97	52	B	B
KE5ISO	2,904	50	33	B	B
N1AIA	1,472	32	23	B	B
K1UO	201,228	827	123	B	C
N1VVV	85,344	260	84	C	A
K1DRV	1,728	25	18	C	A
K1PQS	218,056	562	97	C	B
K1ESE	112,520	294	97	C	B
N1CGP	20,900	96	55	C	B
KA1RFD	1,404	27	13	C	B
W8HAP	219,024	485	117	C	C
NH					
N1IX	247,632	458	154	A	A
WA1T	99,214	317	113	A	B
W1OHM	19,200	108	50	A	B
AC1J	10,152	118	36	A	B
K1HI	38,836	152	73	A	C
N1JHJ	6,586	92	37	A	C
NE1RD	1,296	37	18	A	C
KA2KON	27,048	198	69	B	B
KB1VUN	10,000	100	50	B	B
W1MSN	8,722	89	49	B	B
KB1HYL	4,176	61	36	B	B
KB1YSK	3,072	48	32	B	B
KC1IH	868	32	14	B	B
AF1T	212,576	949	112	B	C
AE1P	702	27	13	B	C
AA1CA	243,800	536	115	C	A
W1XV	19,200	100	48	C	A
KN1H	6,912	64	27	C	A
K8CN	3,648	41	24	C	A
WA1Z	878,592	1,542	143	C	B
WX1S	328,352	669	124	C	B
N1BA	326,192	718	116	C	B
W1ECT	285,480	616	117	C	B
K1TR	229,072	559	103	C	B
W1END	188,032	418	113	C	B
K1RO	123,880	330	95	C	B
K1PDY	10,988	68	41	C	B
N1IMW	5,952	54	31	C	B
N1IW	105,624	328	81	C	C
NG7A	90,872	323	74	C	C
N9NC (+ spotting)	1,221,660	1,862	165	D	C
K1GQ (+ spotting)	324,096	636	128	D	C
N1KWF (+ spotting)	229,848	480	122	D	C
AE1T (+ spotting)	201,930	377	159	E	B
NF1O (+ spotting)	41,200	159	103	E	B
KZ1O (+ spotting)	12,870	92	55	E	B
NE1F (+ spotting)	2,432	38	32	E	B

RI						W2EG	151,680	400	96	C	B
K1VJSJ	54,756	188	81	A	B	NA2M	63,936	228	72	C	B
NM1G	36,340	216	79	A	B	W2DX	19,364	103	47	C	B
W1WUI	7,380	70	45	A	B	W2YK	11,520	73	40	C	B
W1WBB	208,120	475	110	C	A	N2EIK	4,600	47	25	C	B
KS1J	369,776	767	121	C	B	K2UF	367,464	766	122	C	C
N1NK	332,724	704	119	C	B	K2ZZ	26,208	135	52	C	C
K1G	1,251,872	2,076	152	C	C	W2GDJ (+ spotting)	641,592	807	268	D	C
W1XX	92,736	276	84	C	C	W2LK (+ spotting)	283,566	466	167	D	C
K3IU (+ spotting)	66,928	194	89	D	C	K2HAT (+ spotting)	31,772	171	94	D	C
K1SD (+ spotting)	8,010	93	45	E	B	K2EP (+ spotting)	16,756	143	59	D	C
K1NPT (+ spotting)	7,920	92	44	E	B	WA3AFS (+ spotting)	7,320	61	60	D	C
						WT4Q (+ spotting)	4,032	57	36	D	C
VT						WF2B (+ spotting)	3,712	49	32	D	C
K1VMT	346,808	693	154	A	B	K2CYE (+ spotting)	11,264	67	44	E	B
N2WM	9,360	88	52	A	B	WA2IID (+ spotting)	5,916	87	34	E	B
W1VE	1,868,064	2,440	244	A	C						
N1UR	396,720	873	114	A	C	NLI					
AA1SU	28,426	135	61	A	C	WB2AMU	161,916	351	131	A	A
KB1PQN	17,512	199	44	A	C	K2GV	434,094	698	213	A	B
N1YWB	64,092	338	98	B	A	N2VGA	120,286	319	137	A	B
KC1SS	32,320	204	80	B	B	K2TV	63,012	193	89	A	B
KB1WXM	1,292	36	19	B	B	W2ANQ	37,148	158	74	A	B
W1SJ	572,934	2,104	137	B	C	AA2TH	31,390	126	73	A	B
WA1ISH	40	5	5	B	C	K2IZ	15,484	92	49	A	B
W1ZK	116,184	311	94	C	C	W3EH	10,208	70	44	A	B
						N2UN	912,962	1,197	223	A	C
WMA						W2WVGK	22,932	147	78	B	A
N3IMU	10,120	72	44	A	B	KS2G	56,244	329	86	B	B
K1VOI	8,648	96	47	A	B	K2NYG	15,732	114	69	B	B
K5ZD	744,000	1,201	200	A	C	W2HCB	1,976	40	26	B	B
NZ1MT	3,876	58	34	B	A	KC2JRQ	1,020	31	17	B	B
KB1JFQ	21,240	187	59	B	B	N2YBB	86,526	440	99	B	C
KB1VWQ	9,680	122	40	B	B	N2MUN	70,468	448	79	B	C
KB1MU	5,700	81	38	B	B	WB2NFL	11,858	123	49	B	C
KB1DMR	5,244	71	38	B	B	WB2ART	17,952	106	44	C	A
KB1VKY	1,672	40	22	B	B	K2TTM	361,368	723	126	C	B
KE2SN	800	25	16	B	B	N2RI	139,292	362	97	C	B
NC1I (K9PW)	648,240	2,194	148	B	C	KA2D	38,808	147	66	C	B
AD1L	18,444	87	53	C	B	K2JX	5,280	49	33	C	C
N1AW	1,500	26	15	C	B	W2GH (+ spotting)	104,160	288	93	D	C
N2KW	1,006,056	1,617	157	C	C	WN2O (N2GC, KD2EZL + spotting)	81,190	206	115	D	C
W1TO	122,912	334	92	C	C	K2RB (+ spotting)	57,494	195	89	D	C
N1RR (@K6ND) (+K6ND + spotting)	2,054,360	2,388	290	D	C	W2OSR (+ spotting)	28,268	192	74	D	C
AA1JD (+NC1M, AA1LH, + spotting)	1,780,384	2,594	236	D	C	KG2V (+ spotting)	4,140	47	45	D	C
W1MSW (+ spotting)	578,082	844	213	D	C	N2HO (+ spotting)	1,806	24	21	D	C
K1BG (+ spotting)	426,844	558	218	D	C	KD2RD (+N2PL, NQ2F, WB2TQE + spotting)	1,497,048	1,656	266	E	B
NU1O (+ spotting)	259,158	861	141	D	C	N2FF (+ spotting)	187,488	375	168	E	B
NV1Q (+ spotting)	258,686	425	211	D	C	K2TGW (+ spotting)	21,252	166	69	E	B
K1SND (+ spotting)	207,360	390	135	D	C	K2JF (+ spotting)	7,056	53	36	E	B
W1UJ (+ spotting)	161,756	387	106	D	C	KC2PSC (+ spotting)	828	27	18	E	B
WN1E (+ spotting)	159,954	314	159	E	B						
AB1GF (+ spotting)	77,744	307	113	E	B	NNJ					
WB1DBY (+KC2FEV)	69,300	317	99	E	B	N2XP	98,820	302	122	A	A
WD1S (+ spotting)	14,522	87	53	E	B	KU2M	1,245,692	1,687	238	A	B
NE1C (KX1X, N1ELI, KC1AHC, K1UCH, ops)	13,920	126	58	E	B	WR2G	103,440	261	120	A	B
K1MAZ (+ spotting)	1,254	33	19	E	B	NK1N	71,760	243	115	A	B
						WA2LXE	54,340	183	95	A	B
2						KC2LSD	47,696	178	88	A	B
ENY						K2BB	9,672	73	39	A	B
N2JJ	331,890	506	185	A	B	K1SXD	7,200	76	24	A	B
W1WV	241,056	497	162	A	B	N2CSP	4,680	75	36	A	B
NG2D	96,642	277	117	A	B	K3GNZ	576	19	16	A	B
W2XL	772,772	1,255	193	A	C	WB2ONA	60	6	6	A	B
NX2X	611,156	1,071	182	A	C	N2NC	859,872	1,251	208	A	C
WA2JQK	206,662	403	191	A	C	N2HMM	39,336	303	66	B	B
K2XA	34,444	146	79	A	C	KC2WUF	23,064	188	62	B	B
AB2IW	6,384	76	42	B	A	KC2QJB	20,736	147	72	B	B
N2EAB	25,900	191	70	B	B	N2LJ	8,652	104	42	B	B
K2QY	18,788	159	61	B	B	K2DLS	8,556	94	46	B	B
KD2EOM	16,348	138	61	B	B	KC2WQD	4,248	60	36	B	B
NA2NY	9,744	84	58	B	B	KA2OON	3,450	77	23	B	B
N2XPW	8,652	105	42	B	B	KC2PDO	1,218	29	21	B	B
N2MTG	4,662	63	37	B	B	KC2FPR	80	8	5	B	B
N2LBZ	1,280	32	20	B	B	K2FJ	56,304	310	92	B	C
W2MRD	432	18	12	B	B	W2JZ	2,880	48	30	B	C
KD2DVQ	416	19	13	B	B	KQ2RP	41,976	164	66	C	A
KD2DOE	374	18	11	B	B	K2JT	17,600	103	44	C	A
WU2X	468,692	1,783	133	B	C	W2JEK	9,636	75	33	C	A
KM2O	145,800	678	108	B	C	K2YG	3,968	32	32	C	A
K2JMY	79,588	451	101	B	C	W2AW (N2GM)	503,100	981	129	C	B
KC2TVJ	2,548	52	26	B	C	W2LE	203,904	433	118	C	B
NQ2W	67,804	254	67	C	A	W2AAB	146,520	371	99	C	B
WA2NYY	7,560	55	35	C	A	W2CVW	93,264	268	87	C	B
W2GB	307,776	696	112	C	B	K2PF	92,160	260	90	C	B
						KD2MX	63,648	211	78	C	B
						WA2VQF	3,936	41	24	C	B

N2NT	422,520	1,011	105	C	C
K2TTT	186,372	521	93	C	C
N2ED	76,432	286	68	C	C
W2NO	55,384	164	86	C	C
WW2Y (+ spotting)	282,540	468	170	D	C
W2CG (+ spotting)	172,220	403	109	D	C
K2ZC (+ spotting)	65,072	200	83	D	C
W2JJ (WA2VUN + spotting)	56,448	294	98	D	C
AB2DE (+ spotting)	55,448	208	116	D	C
N2CG (+ spotting)	7,200	53	36	D	C
K2DFC (+ spotting)	390,220	548	218	E	B
KF2TI (+ spotting)	26,600	194	70	E	B

NNY					
WB2KLD	11,440	110	52	A	B
K2HN	1,640	41	20	A	B
K2XC	84	8	7	B	B
WA2FBN	26,924	127	53	C	A

SNJ					
W2FDJ	21,358	122	59	A	B
W2RM	19,800	144	66	A	C
WA2ACV	4,402	73	31	A	C
KE2OI	138,828	507	138	B	A
N3XOF	69,324	323	109	B	B
N2GXJ	38,212	235	82	B	B
K2WJL	16,074	143	57	B	B
KD2BXD	10,856	92	59	B	B
NQ3N	388,922	1,423	139	B	C
W2ESX	102,960	286	90	C	B
W2SA	101,568	279	92	C	B
N2CQ	73,872	250	76	C	B
KC2TA	56,028	207	69	C	B
N2UU	46,864	204	58	C	B
N2MM	990,640	1,733	145	C	C
K2YY	50,160	195	66	C	C
W2YC (+WK2G + spotting)	1,544,060	1,611	287	D	C
K2MK (+ spotting)	338,328	669	127	D	C
N2OB (N2OO, W1UL, W2RDM, W2NRS, WA2ACV, N3IE, W2PKV, KC2AQU, KB3JG, ops)	58,080	271	110	D	C
N2NGW (+ spotting)	55,404	228	114	D	C
AB2E (+ spotting)	44,044	154	77	D	C
W2MF (+CT1GIF, KA2VJI)	109,480	248	161	E	B
K2SZ	396	11	9	E	B

WNY					
W2TF	304,266	564	157	A	B
WW2P	212,400	450	150	A	B
N2DD	5,576	56	34	A	B
WN2IHJ	4,158	65	33	A	B
KA2FHN	2,646	49	27	A	B
AB3CX	1,381,224	1,681	233	A	C
N2ZN	979,344	1,350	216	A	C
AB2TC	24,576	194	64	B	B
W2NK	21,204	171	62	B	B
K9CHP	16,644	150	57	B	B
KC2YEA	11,088	99	56	B	B
AG2AA	11,074	115	49	B	B
N2UJN	8,836	97	47	B	B
AE2NG	5,256	74	36	B	B
N2NOM	832	26	16	B	B
KD2DYT	168	12	7	B	B
KC2RZZ	112	9	7	B	B
K2LIM (KA2LIM)	114,268	590	98	B	C
W2REA	87,000	388	116	B	C
KA2AEY	19,140	167	58	B	C
K2SM	129,904	359	92	C	A
N2MKO	8,400	60	35	C	A
W2TZ	465,836	927	127	C	B
NW2K	336,000	703	120	C	B
W2GN	65,120	232	74	C	B
K2QB	41,760	177	60	C	B
AC2FA	38,640	163	60	C	B
K2QO	6,800	50	34	C	B
K2CDX	48	4	3	C	B
N2CU	495,292	933	133	C	C
K2NV	310,356	703	111	C	C
KW2J	225,504	522	108	C	C
N2MF	219,660	532	105	C	C
W2LC	42,120	197	54	C	C
N2WK (+ spotting)	234,076	423	139	D	C
K1PTF (+ spotting)	90,440	278	85	D	C
KD2DTK (+ spotting)	57,694	322	91	E	B
K2EYS	36,312	145	68	E	B
AD2TM (+ spotting)	16,080	137	60	E	B
KB2URI (+ spotting)	9,768	72	37	E	B
K2SI (+ spotting)	5,148	66	39	E	B
K2RNY (+ spotting)	1,512	21	18	E	B

3					
DE					
K3CWF	46,956	212	86	A	B
WA2VQV	42,744	157	78	A	B
W3RLO	1,748	40	23	A	B
K3UHU	52,374	301	87	B	B
KA3HED	69,888	314	112	B	C
K9RS	941,176	1,668	142	C	C
N3ME (+ spotting)	97,000	393	125	D	C
N3TTT (+AA1K + spotting)	79,608	216	124	D	C
W3GNQ (+ spotting)	9,894	78	51	D	C
KB3TAW (+ spotting)	5,382	73	39	D	C

EPA					
WU3U	138,460	363	115	A	B
N3NRN	19,008	146	66	A	B
WA3TD	12,192	81	48	A	B
KA3GLQ	12,168	117	52	A	B
N3CR	8,550	79	45	A	B
N3RN	3,200	51	25	A	B
W3GY	3,180	56	30	A	B
N3XGE	2,112	48	22	A	B
N3ACP	360	18	10	A	B
WK2P	98	9	7	A	B
K3UL	483,246	797	171	A	C
KB3UCW	2,992	44	34	B	A
W3MTP	2,958	52	29	B	A
WA3ELQ	46,080	294	80	B	B
W3LD	25,344	176	72	B	B
K3URT	23,182	174	67	B	B
N3JNX	3,240	62	27	B	B
KB3ZXF	2,352	50	24	B	B
KB3SJS	552	23	12	B	B
K3NM	133,500	547	125	B	C
KC3II	29,394	209	71	B	C
K3ISH	7,614	81	47	B	C
AE3J	30,160	134	58	C	A
W3TS	520	14	10	C	A
W3BGN	813,852	1,454	141	C	B
WA3IIA	248,040	540	117	C	B
NY3B	84,816	237	93	C	B
K3VA	54,720	191	72	C	B
KE3MX	36,608	147	64	C	B
N3ST	32,560	149	55	C	B
NY3A	1,359,252	2,222	153	C	C
N3RS	1,106,616	1,899	147	C	C
K3MD	534,312	1,101	123	C	C
K3ATO	194,304	536	92	C	C
W3FV	56,736	198	72	C	C
K3QIA	46,900	177	67	C	C
WI2E	21,560	112	49	C	C
AA3B	18,560	163	29	C	C
K3WW (+ spotting)	1,273,700	1,554	271	D	C
W8FJ (+ spotting)	209,520	488	108	D	C
WB2LPC (+ spotting)	2,376	55	22	D	C
KW3F (+ spotting)	46,720	163	73	E	A
W3KB (+ spotting)	162,192	343	124	E	B
NK3Y (+ spotting)	160,324	453	149	E	B
KN3A (+ spotting)	148,470	340	147	E	B
N3QO (+ spotting)	12,264	74	42	E	B

MDC					
WB8YYY	332,896	535	202	A	B
AA3S	115,244	339	94	A	B
WA2WDT	103,472	275	116	A	B
ND3D	49,136	182	74	A	B
AB3TM	45,762	166	87	A	B
N3UR	37,584	195	87	A	B
WB4FDT	32,034	141	57	A	B
K3KU	25,400	132	50	A	B
AC3P	18,816	133	64	A	B
N8HM	15,300	93	45	A	B
KB3YSM	1,054	31	17	A	B
AC3F	72	7	6	A	B
K3ZO	896,512	1,370	206	A	C
K3TC	580,464	912	174	A	C
W6AAN	438,080	860	185	A	C
W3IUU	119,296	292	128	A	C
W3KL	39,984	166	84	A	C
N3RER	1,134	27	21	B	A
KB3WD	256,872	982	132	B	B
N3ALN	57,200	332	88	B	B
K3DCW	35,200	221	80	B	B
WX3F	13,056	130	51	B	B
AC3RK	9,630	107	45	B	B
KB3JQQ	2,940	51	30	B	B
K6PFA/M	330	15	11	B	B
W3LL	495,360	1,557	160	B	C

KK4GV	29,820	215	70	B	C	KC4TEO	125,316	330	118	A	B
NE3K	17,278	166	53	B	C	N4JF	84,660	256	102	A	B
N3RTX	25,092	128	51	C	A	W4ENN	16,632	99	42	A	B
W3NCR	4,100	44	25	C	A	K4PP	10,464	63	48	A	B
W3CB	187,740	453	105	C	B	NR4J	6,016	62	32	A	B
WA1LWS	39,904	174	58	C	B	KW4J	4,760	70	35	A	B
W3FAY	34,100	159	55	C	B	K4DL	4,536	66	36	A	B
NY3M	33,376	151	56	C	B	K4AB	877,382	1,386	209	A	C
WB3CII	20,328	126	42	C	B	K4WI	759,076	1,280	218	A	C
W3DF	9,380	68	35	C	B	N4NO	645,456	891	226	A	C
KD4D	1,335,040	2,252	149	C	C	AB4B	584,120	1,685	170	A	C
N3UM	613,888	1,215	128	C	C	N4KH	53,568	211	72	A	C
K2PLF	491,904	989	126	C	C	NS4T	13,266	99	67	B	B
K3RA	332,120	729	115	C	C	KK4TDO	3,300	53	33	B	B
W2CDO	220,056	524	106	C	C	KF4IRC	286	14	11	B	B
NN3RP	44,200	173	65	C	C	AE9Q	176	12	8	B	B
K8GU	13,260	87	39	C	C	KI4YZI	12	4	2	B	B
WX3B (+N8IVN, K3AJ, WA3AER + spotting)	1,939,912	2,252	299	D	C	AG4W	208,504	783	134	B	C
N3RR (+ spotting)	1,761,936	1,687	284	D	C	AK4QR	103,020	609	85	B	C
KE3X (+W4IX + spotting)	968,552	1,095	268	D	C	N4AU	17,420	68	65	C	A
N3QE (+ spotting)	892,664	1,013	241	D	C	WA8HSB	2,952	41	18	C	A
W3KX (+ spotting)	758,112	989	212	D	C	WA4AAK	336	12	7	C	A
N3AM (+ spotting)	433,124	783	139	D	C	K1DC	382,200	742	130	C	B
K3DNE (+ spotting)	383,960	1,330	145	D	C	KR4F	624,912	1,124	141	C	C
K3OQ (+W3RFC, KØOO, WA3OFF + spotting)	351,216	630	216	D	C	K4TD (+ spotting)	1,910,400	1,677	300	D	C
K3YDX (+ spotting)	327,928	519	229	D	C	N4KG (+ spotting)	534,006	655	279	D	C
N3WD (+ spotting)	311,236	631	199	D	C	K4HAL (+ spotting)	75,332	276	74	D	C
AB3CV (+ spotting)	277,344	558	144	D	C	KJ4RAQ (+ spotting)	27,360	177	80	D	C
K3IT (+ spotting)	232,760	510	115	D	C	K4ZGB (+ spotting)	286,368	554	157	E	B
K1RH (+ spotting)	226,134	743	153	D	C	KC4HW (+ spotting)	232,866	478	153	E	B
K3AU (K2YWE + spotting)	132,008	351	116	D	C	K4VU (+ spotting)	101,200	277	92	E	B
W3SFG (+ spotting)	101,024	261	112	D	C	KS4L (+ spotting)	68,060	207	83	E	B
K3CCR (W3GB, K3DI + spotting)	100,936	269	124	D	C	KC4LE (+ spotting)	18,048	97	48	E	B
K3PG (+ spotting)	65,920	214	80	D	C	KD8IGK (+ spotting)	17,346	106	59	E	B
N3YIM (+ spotting)	30,780	164	95	D	C	GA					
W3OU (+ spotting)	29,110	114	71	D	C	KG4USN	14,136	117	57	A	B
K3LU (+ spotting)	28,072	124	58	D	C	N4WD	11,352	93	44	A	B
WB2ZAB (+ spotting)	11,524	74	43	D	C	N4BFR	8,036	98	41	A	B
W3DQ (+ spotting)	10,648	95	44	D	C	AI4UN	5,180	74	35	A	B
W3BW (+ spotting)	7,038	72	51	D	C	KC4YBO	2,632	49	28	A	B
N3WZR (+ spotting)	1,320	25	20	D	C	K4EOR	1,344	28	14	A	B
K3WI (+ spotting)	144,990	305	135	E	B	N4PN	1,876,980	2,163	287	A	C
N3VOP (+ spotting)	66,054	309	109	E	B	K4BAI	971,020	1,228	235	A	C
W4EE (+ spotting)	58,562	197	89	E	B	W4KLY	82,490	241	113	A	C
W3UL (+ spotting)	36,936	141	76	E	B	AA4LR	26,712	117	63	A	C
NZ3D (+ spotting)	24,824	111	58	E	B	W4YKF	1,496	36	22	A	C
WR3T (+ spotting)	16,836	139	61	E	B	KI4LP	72,114	359	101	B	B
AB3LK (+ spotting)	14,152	124	58	E	B	KN4DS	12,870	121	55	B	B
N3FJP (+ spotting)	12,168	118	52	E	B	K4WSW	12,220	96	65	B	B
NA1DX (+ spotting)	5,712	57	34	E	B	NB4F	10,560	98	55	B	B
N3AFT (+ spotting)	3,360	42	20	E	B	KD4QMY	10,340	98	55	B	B
W3VKD (+ spotting)	2,288	27	22	E	B	KB5JC	6,552	82	42	B	B
WPA						K4NGS	6,000	75	40	B	B
NK8Q	207,284	460	154	A	A	N4OLN	4,092	67	31	B	B
KB3LIX	188,038	388	149	A	B	N4VDL	1,840	40	23	B	B
K3RMB	23,932	124	62	A	B	K4BLL	532	21	14	B	B
W3GH	225,060	388	186	A	C	K4NV	489,600	1,708	144	B	C
AA3GM	16,464	98	49	A	C	KC4JD	125,660	519	122	B	C
K3VED	8,712	99	44	A	C	AJ4VE	41,656	254	82	B	C
W3WTW	11,448	109	54	B	B	KM4IK	1,850	37	25	B	C
N3WMC	11,176	127	44	B	B	AA4GA	4,320	41	27	C	A
WA3EQJ	7,480	86	44	B	B	KU8E	512,848	973	133	C	B
KA3PMW	3,888	72	27	B	B	NM2L	112,476	314	91	C	B
K3WWP	42,552	197	54	C	A	N5TOO	17,280	98	45	C	B
K3DE	72,960	228	80	C	B	AE4O	4,224	49	22	C	B
W3WN	31,624	140	59	C	B	VW4LL (+W4KTR, N4OO + spotting)	1,451,480	1,906	262	D	C
K3UA	461,500	935	125	C	C	AA4CF (+ spotting)	478,272	857	141	D	C
K3GW	215,704	458	118	C	C	N4GG (+ spotting)	293,202	484	179	D	C
NA3F	62,928	211	76	C	C	K1ZZI (+ spotting)	147,200	321	115	D	C
W3GV (WB3IFD, WB3DEL, KB3ZVH, WA3MKT, KA3CPV,ops)	58,380	287	105	D	C	WA2MBP (+ spotting)	116,864	356	83	D	C
K3FH (+ spotting)	1,620	28	15	D	C	ND1Y (+ spotting)	28,196	136	53	D	C
KB3BSA (KB3ZRY, KB3ZRQ, KB3ZSK + spotting)	352	19	11	D	C	NN4RR (+ spotting)	5,280	69	33	D	C
KB3CDA (+ spotting)	8	2	2	D	C	WA1F (+WA1S + spotting)	420,110	601	215	E	B
WC3O (+ spotting)	98,256	279	89	E	A	KT4ZB (+ spotting)	181,304	697	131	E	B
KB3MP (+ spotting)	25,844	111	71	E	B	WI4L (+N4DKS + spotting)	78,330	360	105	E	B
K3FS (+ spotting)	9,494	106	47	E	B	N4TOL (+ spotting)	28,536	127	58	E	B
4						ND4V (+ spotting)	23,168	110	64	E	B
AL						N7BU (+ spotting)	3,190	61	29	E	B
W5NZ	23,358	123	51	A	A	KY					
WA4ZOF	6,600	52	33	A	A	KU4A	98,440	276	107	A	A
						KJ4AOM	138,020	336	134	A	B
						AC4YD	10,812	107	51	A	B
						KE4KY	247,920	585	120	A	C
						N4KZ	7,560	76	45	A	C
						KD4PYR	4,200	62	35	B	B
						K4SPO	51,480	204	65	C	B

W5MX	549,640	1,063	130	C	C	AD4RE	123,648	373	138	A	B
N4QS	300,028	709	107	C	C	KM4HI	22,196	166	62	A	B
K4WW (+ spotting)	122,400	310	100	D	C	K2DM	5,100	46	30	A	B
N9KY (+ spotting)	91,936	225	136	E	B	W4/NP2MR	3,626	55	37	A	B
KT4RR (W5MX, K4FT, K4OH, KT4HR, W8PO + spotting)	88,464	267	97	E	B	N9UY	1,638	39	21	A	B
K4FT (+K4OH KT4HR + spotting)	18,590	82	65	E	B	K4GOP	1,020	35	15	A	B
ND4X (+ spotting)	14,732	109	58	E	B	K4XS	345,312	760	144	A	C
KD4EE	10,792	76	38	E	B	N4LZ	27,808	120	79	A	C
N4ART (+ spotting)	1,904	35	28	E	B	WB4OMM	1,716	33	26	B	A
K4MSU (KK4AAF, WB4ZZT, KI4SII, KD4WCE, ops)	580	33	10	E	B	WM4DE	49,256	271	94	B	B
NC						K4DMH	42,720	248	89	B	B
WX4RM	1,426	29	23	A	A	K4GZB	23,400	181	65	B	B
K6RM	122,512	299	124	A	B	WD3B	7,104	76	48	B	B
KK4HEG	88,920	307	117	A	B	KA5W	1,240	35	20	B	B
W3US	62,790	198	105	A	B	N4OX	606,504	2,058	148	B	C
W4MY	41,238	156	87	A	B	WX4US	94,824	441	108	B	C
AI4GR	36,900	168	82	A	B	K1KNQ	79,236	426	93	B	C
AD8J	9,348	73	41	A	B	KK4LZI	1,944	36	27	B	C
W4PFI	2,320	42	29	A	B	KØLUZ	204,600	470	110	C	A
AA4ZR	748	23	17	A	B	N4WW (N4KM)	601,140	1,177	129	C	B
N4NTO	720	18	15	A	B	N4EK	149,720	396	95	C	B
NR3X (N4YDU)	544,040	912	203	A	C	KN4Y	113,344	324	92	C	B
K4SV	48,576	189	66	A	C	N4FP	21,840	106	52	C	B
WX4G	36,480	150	76	A	C	N4UU	765,576	1,536	126	C	C
NO4FX	10,120	110	46	B	A	K9FY	617,280	1,304	120	C	C
KD4OFG	2,550	51	25	B	A	WA2VYA	414,480	788	132	C	C
K4FS	70,770	339	105	B	B	W1MO	74,128	227	82	C	C
WB2RHM	69,930	319	111	B	B	WO4O (+ spotting)	493,044	745	181	D	C
W4GRW	27,690	197	71	B	B	N7EO (+ spotting)	50,384	266	94	D	C
KK4RV	27,104	179	77	B	B	N4DXI (+ spotting)	24,304	127	49	D	C
K4MGA	24,336	173	72	B	B	N4SVC (AA1IK, K4SME, KD4AMP, KE4CQX, N2CEI, W4NQP, KK4HGY, ops)	380,828	694	203	E	B
N4DKF	22,044	169	66	B	B	K3TW (+ spotting)	196,418	454	109	E	B
WB4JFS	21,780	166	66	B	B	N4WO (+ spotting)	44,352	172	66	E	B
W4FT	15,070	138	55	B	B	WB4MNK (+ spotting)	9,576	68	38	E	B
KR4AS	11,340	105	54	B	B	SC					
KG4NEL	8,100	81	50	B	B	KR4M	81,690	233	105	A	B
KD4MXA	6,708	86	39	B	B	AE4VJ	6,072	61	44	A	B
WM2Z	3,060	51	30	B	B	WB5NHL	42,500	256	85	B	B
KJ6VNA	2,852	54	31	B	B	WB4FEV	10,304	95	56	B	B
N4HWH	2,668	52	29	B	B	W4STR	2,610	47	29	B	B
W4FRA	1,776	37	24	B	B	W8SC	2,352	42	28	B	B
KJ4FEL	504	21	12	B	B	AB4UG	1,176	28	21	B	B
KU4V	123,424	542	116	B	C	W4MMR	112	8	7	B	B
N1GC	68,908	324	107	B	C	W4SLT	112,268	446	127	B	C
N4TL	13,420	123	55	B	C	W3WOT	792	25	18	B	C
NC4MI	12,540	113	57	B	C	N4WPJ	672	22	16	B	C
W2OL	12,432	75	42	C	A	KS4YX	26,112	128	51	C	A
AA4FU	328,656	671	123	C	B	WA8OJR	23,736	138	43	C	B
AA4NC	231,132	564	103	C	B	W4MEL	187,008	496	96	C	C
K4DJ	154,424	398	97	C	B	NJ4F	36,608	146	64	C	C
N4HA	90,360	254	90	C	B	K7OM	21,800	110	50	C	C
K4NC	62,832	204	77	C	B	K2SX (+ spotting)	600,808	801	212	D	C
K4KAY	47,144	178	71	C	B	W4YCC (KB4GFJ, KK4ONT, KK4TKD, N4UFP, W7LEE, ops)	412,056	920	194	D	C
K4BSK	39,520	153	65	C	B	K4YYL (+ spotting)	180,510	350	165	D	C
N4AF	964,320	1,647	147	C	C	SFL					
N1LN	321,984	693	117	C	C	K4ADR	141,336	308	156	A	B
K5EK (+ spotting)	926,376	1,122	242	D	C	WB6RAB	80,712	244	114	A	B
K3KO (+ spotting)	705,166	790	241	D	C	KV4QS	70,056	248	84	A	B
N4CW (+W4TMO + spotting)	694,848	1,137	154	D	C	W2ARP	17,582	92	59	A	B
W3OA (+ spotting)	633,552	819	268	D	C	W4DHT	7,104	75	48	A	B
K4QE (+ spotting)	112,332	409	138	D	C	KW4G	560	21	14	A	B
NT4D (+ spotting)	111,618	237	159	D	C	K4MF	358,492	611	178	A	C
AA4VV (+spotting)	75,088	185	104	D	C	K4QD	273,420	565	155	A	C
WW4DD (+ spotting)	42,704	162	68	D	C	NN4X	47,560	171	82	A	C
K4XD (+ spotting)	36,314	149	67	D	C	KS4GW	40,592	236	86	B	A
W1AJT (+ spotting)	32,544	114	72	D	C	NT4TS	37,800	228	84	B	A
N4ES (+ spotting)	27,140	117	59	D	C	WA8QYJ	99,360	548	92	B	B
WW4CP (+ spotting)	19,256	110	83	D	C	W4TTZ	4,200	61	35	B	B
K8YC (+ spotting)	4	1	1	D	C	KBØZNU	462	25	11	B	B
KM1C (+ spotting)	353,520	534	180	E	B	NJ2F	206,080	808	128	B	C
AA4R (+ spotting)	352,170	592	215	E	B	K4JC	80,586	366	111	B	C
KI4TZ (+ spotting)	120,666	514	119	E	B	W4LWZ	67,158	379	91	B	C
WA4PSC (+ spotting)	30,820	118	67	E	B	W2DMZ	1,600	20	20	C	A
W4WNT (+ spotting)	21,842	111	67	E	B	W2TX	217,580	476	115	C	B
N4GU (+ spotting)	14,976	79	48	E	B	K2ZR	54,880	198	70	C	B
W3ZL (+ spotting)	11,970	80	57	E	B	K4RUM	32,780	149	55	C	B
K1ZW (+ spotting)	7,314	69	53	E	B	KN4JN	10,168	73	41	C	B
WA4BCS (+ spotting)	798	23	19	E	B	N4BP	897,520	1,733	130	C	C
K4WES (+ spotting)	48	4	4	E	B	W4TTT (WB2REM)	666,792	1,150	147	C	C
NFL						N4PSE	88,000	277	80	C	C
K9OM	556,356	763	213	A	A	AI4WWW	50,400	181	70	C	C
AC2N	11,500	75	46	A	A	AF4RK	12,728	87	37	C	C
NA3M	441,396	733	201	A	B	W4UH (+AD4Z, AI4QY, WAØUSA + spotting)	2,238,520	2,116	293	D	C
K2PS	361,920	612	174	A	B						

K4LM (+ spotting)	823,616	1,004	272	D	C	W2YE	194,024	409	158	A	C
AA4HP (+WF3C, AB4GO, + spotting)	518,908	762	221	D	C	N3KN	181,200	375	150	A	C
W9KB (+ spotting)	261,072	530	126	D	C	NC4S	129,396	411	123	A	C
KD2JA (+ spotting)	177,120	342	205	D	C	W4GHS	45,264	253	92	A	C
K1PT (+ spotting)	33,880	111	77	D	C	N3ZV	20,634	167	57	A	C
K4IMB (+ spotting)	-	-	0	D	C	K4PZC	126,566	531	121	B	B
K4LRP (+ spotting)	224,510	421	157	E	B	K4CGY	116,640	491	120	B	B
W1MD (+ spotting)	192,222	347	177	E	B	WB4GVZ	92,288	418	112	B	B
K4MM (+ spotting)	133,848	292	117	E	B	WV4V	40,656	235	88	B	B
AJ4DT (+ KK4RPL + spotting)	2,842	50	29	E	B	W4NFT	31,248	191	84	B	B
TN						WA4KNP	26,460	193	70	B	B
WX4MT (NY4N)	164,580	390	130	A	B	KJ4VTH	22,806	182	63	B	B
AC4G	159,570	404	135	A	B	KV4KY	21,632	171	64	B	B
W4DAN	146,048	396	112	A	B	KK4FYV	8,640	96	45	B	B
N4ARO	77,250	199	103	A	B	WA4AXT	5,548	75	38	B	B
KU4WD	74,572	319	103	A	B	AJ4LN	80	8	5	B	B
W4EEH	57,792	244	86	A	B	KI4WGB	70	7	5	B	B
K4TRH	31,668	124	78	A	B	N4MM	91,568	388	118	B	C
AK4QU	10,296	76	44	A	B	W4JVN	14,750	127	59	B	C
N8FF	8,976	74	33	A	B	AI4WU	11,000	127	44	B	C
W4UT	218,858	449	157	A	C	KC4ZA	12,512	76	46	C	A
N4ZZ	148,256	456	82	A	C	K4ORD	170,040	394	109	C	B
W2OO	114,000	296	120	A	C	W4YE	113,552	309	94	C	B
WB4YDY	54,696	213	86	A	C	K1KAV	76,128	246	78	C	B
NS4X	42,504	169	77	A	C	K1SE	72,576	219	84	C	B
K9IL	36,120	155	60	A	C	K4FOY	68,376	231	74	C	B
KA4OTB	28,224	171	63	A	C	NW4V	28,768	124	58	C	B
KA4R	11,792	72	44	A	C	K4MX	27,200	136	50	C	B
KJ4KKD	30,810	207	79	B	B	W4ZYT	16,320	92	48	C	B
AI4DB	24,066	195	63	B	B	K3MZ	3,840	49	20	C	B
KT4FQ	16,416	156	54	B	B	NR4M	696,920	1,347	131	C	C
W4DTA	15,052	143	53	B	B	K4EU	509,656	963	133	C	C
NW4KU	10,880	138	40	B	B	K4SO	473,500	962	125	C	C
WA4JA	4,760	68	35	B	B	K4GMH	255,200	590	110	C	C
N4DTF	2,760	61	23	B	B	W2UQ	244,992	487	132	C	C
KD4NH	1,134	28	21	B	B	KK4EIR	18,816	100	49	C	C
W4PV	169,164	769	111	B	C	K7LU	10,752	86	32	C	C
KØEJ	150,360	718	105	B	C	K4FJ (+K3KG + spotting)	1,597,436	1,722	293	D	C
K4BGV	2,220	39	30	B	C	W4ML (W4MYA + spotting)	1,421,310	1,454	295	D	C
N4VAN	40	5	5	B	C	N3UA (+ spotting)	751,438	863	241	D	C
AD4CJ	25,344	132	48	C	A	K4V (AI1V, K3TN, W3UL, K4XD, CX7TT, WØYR + spotting)	707,292	924	222	D	C
K4LTA	169,860	486	95	C	B	W4HZ (+W4PM, K4OSO, KJ4IT, KJ4IPF, WB4GVZ)	652,412	1,104	211	D	C
N2WN	86,720	272	80	C	B	N4PD (+ spotting)	361,856	580	176	D	C
NA4K	21,844	128	43	C	B	W4DR (W4PM + spotting)	286,044	596	121	D	C
KM1Z	9,520	88	28	C	B	W4RM (+ spotting)	195,000	385	130	D	C
KI4EZC	7,296	58	32	C	B	K4IA (+ spotting)	191,260	414	131	D	C
AA3VA	4,816	45	28	C	B	N4FX (+ spotting)	169,048	387	113	D	C
K4RO	605,652	1,240	123	C	C	WS4WW (+ spotting)	80,028	355	114	D	C
AD4EB	379,016	813	118	C	C	W4VIC (+ spotting)	64,448	216	76	D	C
K1GU	243,168	597	102	C	C	KA4RRU (+ spotting)	55,840	193	80	D	C
WD4OHD	67,624	219	79	C	C	WK4Y (+ spotting)	12,348	71	63	D	C
K9UQN	22,400	113	50	C	C	W4JAM (+ spotting)	4,958	58	37	D	C
K3IE (+ spotting)	394,416	754	132	D	C	N3MK (+ spotting)	1,564	35	23	D	C
AA4DD (+ spotting)	222,240	466	120	D	C	KG4W (+ spotting)	367,268	550	187	E	B
W4KW (+ spotting)	154,250	629	125	D	C	K4WNW (+WD4LBR + spotting)	242,228	404	211	E	B
N4DW (+ spotting)	95,232	250	96	D	C	KA3EHL (+ spotting)	47,784	186	66	E	B
N4MIK (+ spotting)	69,384	298	118	D	C	WØJTC (+ spotting)	45,560	270	85	E	B
K4EDI (+ spotting)	2,668	30	23	D	C	N9NB (+ spotting)	19,320	110	46	E	B
KS4X (+ spotting)	111,954	273	141	E	B	WA3OFC (+ spotting)	3,520	34	32	E	B
W4TTM (+ spotting)	71,416	226	79	E	B	N4DSL (+ spotting)	1,560	30	26	E	B
WF7T (+ spotting)	51,356	214	74	E	B	K4HNL (+ spotting)	192	13	8	E	B
KJ4WMY (+ spotting)	21,710	169	65	E	B	WCF					
W4BCG (+ spotting)	8,692	62	41	E	B	W1LIC	29,394	116	69	A	B
N4SR (+ spotting)	6,336	49	33	E	B	KD4ACG	57,776	316	92	B	B
KV4MO (+ spotting)	5,520	71	40	E	B	N2ESP	55,860	286	98	B	B
W4BSF (WA4ZKA, KI4TMP, KT4PN, WA4WMN, W5EDQ, W4OME, ops)	5,160	64	43	E	B	NG4L	43,180	256	85	B	B
VA						WB3D	17,236	147	62	B	B
K1HTV	899,596	1,157	239	A	B	N2EGO	10,904	117	47	B	B
N4VA	181,488	363	152	A	B	AK4HB	6,384	78	42	B	B
W4GDG	173,130	398	145	A	B	WA4OAB	3,456	54	32	B	C
W4PFM	152,000	408	152	A	B	W8IM	3,120	30	26	C	A
K4FJW	117,360	291	120	A	B	K1TO	1,016,776	1,710	149	C	B
K4FTO	102,204	290	102	A	B	WB4TDH	567,600	1,077	132	C	B
K2WK	43,776	161	76	A	B	WD4AHZ	532,908	1,019	131	C	B
W1IE	33,480	195	90	A	B	N4AO (WC4E)	67,784	232	74	C	B
AI4SV	30,024	142	54	A	B	W1YL/4	16,356	87	47	C	B
AA2FD	13,426	90	49	A	B	NX4N	8	2	1	C	B
WBØPOH	9,680	70	40	A	B	N4TB	389,844	824	119	C	C
K4SZL	8,400	64	50	A	B	K5KG (+ spotting)	1,629,184	1,657	296	D	C
AA4KD	6,552	53	36	A	B	K4LQ (+ spotting)	745,524	888	234	D	C
K4YCR	5,320	79	35	A	B	W4CU (+ spotting)	366,272	562	194	D	C
WA4JUK	481,376	753	196	A	C	W4LT (+ spotting)	152,500	421	125	D	C
NN3W	398,468	607	214	A	C	WØPV (+ spotting)	316,800	518	198	E	B
N4DJ	259,956	460	174	A	C	N4CJ (+ spotting)	163,400	434	95	E	B
						AG4CG (+ spotting)	19,272	150	66	E	B
						KE1CY (+ spotting)	10,672	69	46	E	B

5					
AR					
N5DX	1,136,336	1,412	248	A	B
W5VY	84,002	255	97	A	B
WA5SOG	992	23	16	A	B
K5LG	181,134	535	87	A	C
W3TZ	29,568	265	56	A	C
W5KI	19,110	103	49	A	C
N5QO	17,702	168	53	B	B
KD5J	15,840	167	48	B	B
WD5DJW	5,252	102	26	B	B
K5TEN	3,444	84	21	B	B
AE5CP	1,152	49	12	B	B
K5PO	26,586	214	63	B	C
K5GO	870,504	1,587	138	C	C
W5RZ	27,572	113	61	C	C

LA					
KE5SNJ (AC5O)	123,384	642	97	A	A
WM5H	164,750	474	125	A	B
N8OO	2,052,452	2,571	263	A	C
N5VU	292,656	561	168	A	C
NX8G	11,074	115	49	B	B
AF5JG	6,364	86	37	B	B
KC5WA	2,376	29	22	C	A
W5LA	103,356	325	81	C	B
KG5VK (+ spotting)	79,772	374	98	D	C
K5LSU (N5KHM, AD5VC + spotting)	19,900	116	50	E	B
W4JHC	19,136	105	46	E	B

MS					
N5PU	69,452	207	97	A	B
W5THT	25,200	139	70	A	B
KC5EGR	44,986	271	83	B	B
W8FR	19,680	165	60	B	B
N5SA	154	11	7	B	B
WA5OYU	330,106	1,252	133	B	C
AG5Z	204,974	855	121	B	C
N5BLY	17,080	143	61	B	C
WQ5L	210,420	504	105	C	B
WB5EIN	27,800	146	50	C	B
K5ATA (+ spotting)	950	25	19	D	C
NA5NN (K2FF, W5UE + spotting)	601,012	1,134	194	E	B
W5UE (+ spotting)	3,920	49	20	E	B

NM					
N2IC	1,652,876	2,515	223	A	B
K5WO	282,408	644	123	A	B
KC7QY	25,550	120	73	A	B
K5TEE	15,510	107	55	A	B
AA5B	549,128	1,092	166	A	C
KD5JAA	158,928	338	129	A	C
W5CO	6,090	58	35	A	C
N5JDT	1,064	29	19	B	B
KC0LFFQ	98	7	7	B	B
WA5ZUP	375,002	1,940	97	B	C
KK6MC	20,536	156	34	C	A
K5OI	676	13	13	C	A
KE0CP	24	3	3	C	A
NF5Y	164,540	441	95	C	B
KQ5M	48,640	195	64	C	B
N5UL	6,732	52	33	C	B
K5TA	706,628	1,395	127	C	C
W7DXX (KJ0D, N4HH, KH6DC + spotting)	684,420	1,438	165	D	C
K7IA (+ spotting)	343,416	704	123	D	C
K5OUR (K8TE, AE5VR,ops)	320,160	1,278	120	D	C
K5TQ (+ spotting)	18,048	98	47	D	C
KK5OV (+KB5ZSK + spotting)	8,520	142	30	E	B

NTX					
N1CC	400,760	752	172	A	A
K7XC	81,370	267	103	A	B
N5NK	55,626	226	73	A	B
W5GWH	31,742	240	59	A	B
AC5T	14,448	92	42	A	B
WJ5Z	10,430	86	35	A	B
AB5C	8,282	104	41	A	B
N5JR	344,052	608	171	A	C
K5QY	159,192	518	132	A	C
K5SM	141,480	270	135	A	C
N5JB	17,442	97	57	A	C
KB5DRJ	182	13	7	B	A
AD5UQ	52,808	290	92	B	B
NW5Q	38,982	267	73	B	B
W5BL	24,254	182	67	B	B

K5GSF	2,128	56	19	B	B
KF5NRS	18	3	3	B	B
AD5XD	183,192	907	102	B	C
NT5V	182,952	933	99	B	C
K7RB	17,706	229	39	B	C
KG5OA	3,192	44	19	C	A
W0UO	572,448	1,075	134	C	B
K5LH	277,980	622	113	C	B
AD5MN	109,272	317	87	C	B
WW2PT	30,240	144	54	C	B
AA5AM	28,408	134	53	C	B
WA5RML	23,360	148	40	C	B
WD5K	522,080	1,013	130	C	C
N5PO	335,580	711	119	C	C
W0VX	309,008	624	124	C	C
K5BG	164,796	445	93	C	C
NM5M	137,632	395	88	C	C
AA5NT (+, N5TI, N5TIT, N2DPF, KF5UMF, NS5R)	111,356	585	97	D	C
N5QQ (+ spotting)	110,028	271	106	D	C
K5GKC (+ spotting)	83,916	523	81	D	C
N5UI (+ spotting)	51,948	198	78	D	C
WA8ZBT (+ spotting)	215,172	524	129	E	B

OK					
AF5Q	3,072	64	24	A	A
W5TMC	111,530	595	95	A	B
WQ5R	96,560	397	85	A	B
NI5F	71,760	235	78	A	B
AF5CC	67,732	242	82	A	B
W5GFI	55,728	247	81	A	B
WD0GTY	25,370	148	59	A	B
AD5SR	1,408	45	16	A	B
WQ5O	109,088	291	112	A	C
KA5WRG	11,008	128	43	B	A
WW5TT	171,958	692	127	B	B
WA9AFM	4,896	73	34	B	B
KB9JYV	12	6	1	B	B
KW5JC	43,920	254	90	B	C
KC5SB	672	24	14	B	C
K5YAA	289,224	713	103	C	B
N5XE	50,400	180	70	C	B
WB0CLL	25,296	129	51	C	B
KK5JY	22,148	113	49	C	B
K5WE	376,320	793	120	C	C
N5DY	211,320	591	90	C	C
K5UV (+ spotting)	21,400	107	50	D	C
W5EMP (+ spotting)	192	13	8	D	C
W5BM (+ spotting)	41,580	173	63	E	B
K5ZCJ (+ spotting)	17,640	112	42	E	B
N5UM (+ spotting)	5,852	56	38	E	B

STX					
K1QW	728	16	13	A	A
WB5TUF	301,928	485	188	A	B
K0GEO	42,036	205	62	A	B
KZ5DP	33,984	243	72	A	B
N5SV	27,876	207	69	A	B
N5KAE	14,592	99	57	A	B
WS5H	156,766	754	103	A	C
WD5FGZ	4,320	80	27	B	A
WA5IYX	90,720	571	80	B	B
N5VPC	44,484	341	66	B	B
WE6EZ	26,398	199	67	B	B
N5RWK	17,596	168	53	B	B
WA5ZKO	15,496	150	52	B	B
K3TD	1,368	39	18	B	B
K5HTB	432	20	12	B	B
WW5TX	32	4	4	B	B
NR5M	818,736	2,778	148	B	C
W5PR	744,892	2,576	146	B	C
K5TR (WM5R)	614,040	2,212	140	B	C
W5TKZ	15,688	152	53	B	C
WU0L	13,224	94	38	C	A
KB5JO	5,520	48	30	C	A
AE5GT	389,784	907	109	C	B
N5KWN	172,368	519	84	C	B
W5QLF	10,500	79	35	C	B
K5SBR	9,176	75	31	C	B
K5GN	6,700	67	25	C	B
N7KRT	900	18	15	C	B
AA5VU	440	12	11	C	B
K5NA (K5OT)	1,217,216	2,136	143	C	C
AC4CA	503,428	996	127	C	C
AC5K	479,440	925	130	C	C
W5GDX	214,400	540	100	C	C
K0NM	208,608	514	106	C	C
KZ5J	186,372	512	93	C	C
N3BB	65,208	292	57	C	C

AE5X	60,984	235	66	C	C	NC6Q	16,692	110	39	C	B
KE5GO	58,320	246	60	C	C	N6AA	114,452	406	71	C	C
W5JBO	55,648	193	74	C	C	NK6A (+ spotting)	385,020	700	155	D	C
NX5M (+KU5B, N5XJ, KJ5T, N5DUW, NW7DX + spotting)	2,803,744	2,917	328	D	C	W6KC (+ spotting)	191,700	373	150	D	C
W5KFT (+K5PI, W5MJ + spotting)	1,876,160	2,108	286	D	C	ND6P (+ spotting)	38,688	124	78	D	C
N5XZ (+ spotting)	1,226,664	1,915	162	D	C	W6HYI (+ spotting)	-	-	0	D	C
K5LLA (+ spotting)	362,516	1,185	154	D	C	WY6DX (+ spotting)	57,888	205	72	E	A
N5MT	261,888	542	192	D	C	K6DSW (+ spotting)	12,648	125	51	E	B
K5MV (+ spotting)	160,816	443	92	D	C	ORG					
N5VR (+ spotting)	27,302	127	73	D	C	W6AH	5,959	(8)	20	A	A
K5HDU (+ spotting)	22,880	111	52	D	C	N6GP	106,424	302	106	A	B
N5YPJ (+ spotting)	21,120	163	66	E	B	W6SJ	20,240	92	55	A	B
KN5S (K5WW, KF5EJX + spotting)	21,000	212	50	E	B	AD6GE	6,900	77	46	A	B
KE5LQ (+ spotting)	11,550	96	55	E	B	KN6N	352	11	8	A	B
K5WW (+ spotting)	24	4	3	E	B	KK6RF	7,752	102	38	B	A
WTX						K6PGH	9,792	102	48	B	B
K5BZH	44,488	217	67	A	B	WW6O	1,664	34	26	B	B
W5RAW	374	17	11	A	B	AD6NR	242,748	1,254	99	B	C
N5ZC	248,976	645	126	A	C	AC6DX	139,308	616	114	B	C
KB5KYJ	47,872	356	68	B	A	NC6V	248,868	676	93	C	B
WB5R	174,932	877	101	B	B	N6MU	147,784	406	91	C	B
AF5FJ	19,300	195	50	B	B	AC6VN	122,176	374	83	C	B
KF5TXU	19,140	168	58	B	B	N6CHU	37,524	160	59	C	B
N5LUL	15,344	138	56	B	B	W6PH	970,920	1,680	145	C	C
N5DO	606,044	1,201	127	C	B	K6NR	246,024	607	102	C	C
NZ5M	8,976	68	33	C	B	N6HC (+ spotting)	302,080	637	160	D	C
N5RZ	1,218,820	2,057	149	C	C	WA6KHK (+ spotting)	276,210	518	165	D	C
N5NA	18,860	115	41	C	C	NI6E (+K6EPP, K6TXA, K6GSX, AF6RT, W6LID, KI6VV)	76,792	250	116	E	B
WA5PFJ (+WA5PFI)	366,016	955	133	D	C	PAC					
WR5O (+ spotting)	254,600	585	134	E	B	KH6OA	4,830	71	35	A	B
KS5Z (+ AF5KV + spotting)	49,896	309	81	E	B	N6ACU	13,440	123	56	B	B
WT5RZ (+ spotting)	15,368	118	34	E	B	AH6BZ	136	18	4	B	B
6						WH7Z	146,934	912	81	B	C
EB						NH6Y	106,124	622	86	B	C
KG6HM	1,710	30	19	A	A	KF6JG	10,904	120	47	B	C
KE6QR	180,166	495	119	A	B	KH7M (KH6ZM)	307,644	837	93	C	A
N4DLA	21,112	167	58	A	B	KH6CJJ	225,180	701	81	C	B
WT6K	74,100	253	78	A	C	W7NX	143,488	489	76	C	B
KF6ZYD	850	26	17	B	A	KH6FP	22,176	134	42	C	B
KK6QQ	2	1	1	B	A	KH7Y	1,034,208	2,085	126	C	C
K2GMY	108,824	897	61	B	B	WH7W (+ spotting)	125,290	426	85	D	C
N6ORB	43,168	284	76	B	B	WH7DX (+ spotting)	8,208	109	38	D	C
K6RE	14,600	100	73	B	B	KH6LC (+AH6RE, NH6V + spotting)	1,780,660	2,442	230	E	B
N6ENO	13,974	138	51	B	B	SB					
KK6DF	8,648	93	47	B	B	WA6FGV	293,388	651	138	A	A
KS6M	8,036	99	41	B	B	NN6DX (W1PR)	547,788	989	191	A	C
KI6CYT	7,482	92	43	B	B	WB6L	483,728	828	196	A	C
NJ6W	4,012	61	34	B	B	W6CWM	50,020	213	61	A	C
K6KHB	3,024	54	28	B	B	N6ZE	18,700	170	55	B	B
WB6NER	1,170	40	15	B	B	KJ6TTR	11,232	120	48	B	B
KI6JJW	107,744	601	91	B	C	AG6AY	31,524	218	74	B	C
K6JAT	100,626	543	93	B	C	AA6WH	24,236	168	73	B	C
N6CCL	90,540	509	90	B	C	W6TK	237,148	594	101	C	C
N6PN	60,732	243	63	C	B	W6AYC	215,380	611	89	C	C
KD6WKY	37,536	188	51	C	B	W8KA (+ spotting)	34,776	163	54	D	C
KI6OY	22,680	130	45	C	B	KA3DRR (@W6SL + spotting)	127,836	405	106	E	B
N6BHX	15,444	100	39	C	B	KI6QDH (+ spotting)	27,948	141	51	E	B
N6WM	76,700	333	59	C	C	W6JWP (+ spotting)	420	15	14	E	B
N6RZ (K6AW, KX7M, W6NV + spotting)	2,099,692	2,244	287	D	C	SCV					
K3EST (+ spotting)	882,124	2,681	166	D	C	K6ATZ	58,058	181	91	A	B
N6DA (+ spotting)	258,336	625	104	D	C	NN7NN (K6XN)	25,012	110	74	A	B
WB9JPS (+ spotting)	125,400	331	95	D	C	NC6DX (K6XN)	12,862	72	59	A	B
WQ6X (+N6GEO, + spotting)	303,208	694	151	E	B	KS6PD	8,944	68	43	A	B
NS6T (+ spotting)	1,184	22	16	E	B	K9YC	1,072,436	1,552	206	A	C
LAX						N6NF	898,920	1,565	198	A	C
NA6MG	347,800	699	148	A	B	WØYK	350,808	944	94	A	C
W6JK	155,344	376	133	A	B	N1HEL	183,546	584	81	A	C
N6LL	13,888	81	56	A	B	KM6I	74,400	257	75	A	C
AI6Z	180,264	385	148	A	C	N7PR (K6XN)	58,344	191	102	A	C
WA6URY	124,542	367	99	A	C	KG6AO	4,104	71	27	A	C
NI6W (W4EF)	22,344	176	49	A	C	AE6JV	1,760	46	22	B	A
N6TCZ	11,752	102	52	A	C	K6GHA	119,952	619	98	B	B
KQ6P	36,328	241	76	B	B	AF6GA	23,932	194	62	B	B
K6MUG	4,624	68	34	B	B	K6CLS	7,520	94	40	B	B
KK6BJ	3,904	61	32	B	B	K6PDL	4,352	64	34	B	B
KD6UNR	3,894	63	33	B	B	N1WC	1,890	35	27	B	B
KJ6BBX	242	12	11	B	B	K6PBF	1,452	35	22	B	B
WB2TVB	242	11	11	B	B	KE6TIM	432	18	12	B	B
W6AFA	153,690	712	109	B	C	KK6AHT	70	7	5	B	B
KM6Z	190,464	521	93	C	B	K6HNZ	369,000	1,516	123	B	C
W6AWW	153,792	436	89	C	B	WT6H	55,420	326	85	B	C
						W4NJK	9,112	72	34	C	A
						WD6DX	8,568	64	34	C	A

KZ2V	99,712	305	82	C	B
K6KQV	58,320	243	60	C	B
KØDTJ	10,880	80	34	C	B
N6TV	630,992	1,411	113	C	C
W6YX (NF1R K6SF N7MH + spotting)	1,984,422	2,251	281	D	C
NF6A (KK6GMH, K6XX + spotting)	1,338,140	1,837	230	D	C
AD6E (+ spotting)	417,306	788	157	D	C
W6SC (+ spotting)	71,176	220	82	D	C
KI6EAB (+spotting)	5,120	64	40	D	C
K6EI (+W6ESL + spotting)	230,476	486	157	E	B
K6MM (+ spotting)	175,828	397	113	E	B
NS6E (+ spotting)	119,500	329	125	E	B
W6MSB (+ spotting)	11,772	109	54	E	B
SDG					
K6AM	1,026,344	1,545	214	A	B
KI6RRN	713,088	1,121	192	A	B
NN3V	80,820	454	90	A	B
WA2OOB	38,100	158	75	A	B
KK6TV	30,368	145	73	A	B
KA6WKE	6,256	66	34	A	B
W6SAN	75,952	381	101	B	B
KK6IFZ	58,424	442	67	B	B
K6JTT	8,096	94	44	B	B
KI6ZUM	3,348	54	31	B	B
W6QU (W8QZA)	172,400	432	100	C	A
K3TIM	432	12	9	C	A
WA6DBC	129,344	354	94	C	B
N3PV	67,760	245	70	C	B
AA6EE	56,196	223	63	C	B
K6NA	148,096	356	104	C	B
NX6T (N6KI, K6KAL, AF6WF, NØDY, WA3IHV, K4RB, NN6X, N6EEG, N6ERD, ops)	881,360	1,189	230	D	C
W6KY (+ spotting)	56,404	240	59	E	B
KB6VME (+ spotting)	8,008	92	44	E	B
W6RGS (+ spotting)	18	3	3	E	B
SF					
N6ZFO	785,510	1,209	193	A	B
N6YEU	147,888	415	117	A	B
N6GY	10,712	77	52	A	B
KI6ORO	9,504	111	44	A	B
KD6FIL	2,156	51	22	B	A
AE6YB	20,400	205	51	B	B
KJ6QIQ	2,016	36	28	B	B
K6UUW	460	25	10	B	C
W6JTI	273,568	668	103	C	A
AA6DX	35,568	164	57	C	B
K6JS	274,792	715	98	C	C
N6TQ	92,140	276	85	C	C
WW6D	9,052	73	31	C	C
K6SRZ (+ spotting)	867,622	1,338	203	D	C
N6IE (+ spotting)	314,880	555	192	D	C
K6RIM (+ spotting)	229,710	495	155	D	C
AI6II (+ spotting)	122,720	338	104	D	C
K6CTA (+ spotting)	37,240	135	70	D	C
K6ELE (+ spotting)	10,476	104	54	D	C
W6IYS (+ spotting)	460	23	5	E	B
SJV					
NZ6Q	101,548	337	106	A	B
AA6K	75,284	281	118	A	B
K6CSL	34,432	160	64	A	B
K6LE	19,240	88	65	A	B
W6SX	466,328	995	142	A	C
WC6H	260,510	734	109	A	C
KE6SHL	16,200	153	54	B	B
KØDDR	5,832	84	36	B	B
KK6C	2,744	52	28	B	B
K6MI	12,672	75	44	C	A
K6AAB	138,624	361	96	C	B
K6JF	1,500	25	15	C	B
W6XK	41,756	146	73	C	C
N2NS (+ spotting)	64,076	196	83	D	C
K6TIG (+ spotting)	28,980	118	63	D	C
SV					
KE6GLA	111,328	519	98	A	B
ND6S	77,616	462	84	A	B
N6MCM	8,536	98	44	A	B
NBØO	6,960	53	40	A	B
K6OLY	70	7	7	A	B
W6FA	269,690	595	149	A	C
W6RKC	73,620	251	90	A	C
WB6JJJ	26,100	132	50	A	C
KZ5OM (K6III)	7,426	49	47	A	C

K7XE	49,248	309	81	B	B
WB6MKS	21,000	177	60	B	B
W6VMT	19,942	169	59	B	B
KK6DCT	2,600	52	25	B	B
KK6GGC	782	27	17	B	B
W6SWC	546	21	13	B	B
KG6YST	140	10	7	B	B
N6YG	41,440	298	70	B	C
NM6K	27,580	200	70	B	C
WE6C	13,552	84	44	C	B
K9JM	10,656	73	37	C	B
K6DQG	5,936	60	28	C	B
N6JV	553,656	1,178	118	C	C
K6LRN	221,816	469	119	C	C
K6DGW	109,968	353	79	C	C
W6RFF	36,708	165	57	C	C
N6XI	3,496	38	23	C	C
W1SRD (+ spotting)	863,100	1,321	210	D	C
K6KO (+K6TA + spotting)	748,600	1,226	190	D	C
W1RH (+ spotting)	419,752	1,070	142	D	C
K6RC (+ spotting)	116,802	375	103	D	C
W6SR (+ spotting)	8,066	104	37	D	C
K6ST (+ spotting)	896	26	16	E	B
7					
AK					
WL7BDO	76,302	448	81	A	B
AL7LO	25,056	132	58	A	B
KL7SB	513,804	1,135	141	A	C
AL1G	306,464	897	122	A	C
NL7W	98,200	390	100	A	C
KL2ZZ	5,568	88	32	B	B
KL7FWX	2,808	54	27	B	B
KL7KY	133,588	740	91	B	C
KL2HD	21,816	304	36	B	C
KL2R (N1TX)	90,032	332	68	C	A
KL7NC	25,872	160	42	C	B
KL7RA	813,504	1,796	114	C	C
AL9A (+ spotting)	441,612	904	162	D	C
KL7AIR (KL7YK, KL3PG + spotting)	18,336	197	48	D	C
WL7E (+ spotting)	596,520	1,091	180	E	B
AL2F (+ spotting)	151,182	582	111	E	B
KL1JP (+ spotting)	36,112	210	74	E	B
AL7L (+ spotting)	31,200	155	52	E	B
KL7JVD (+ spotting)	1,560	61	13	E	B
AZ					
NR7Q	122,010	338	105	A	B
NY7N	69,384	248	98	A	B
K7JE	38,130	163	93	A	B
AC7JM	31,248	144	62	A	B
WA7YUL	11,352	87	43	A	B
W7WIA	9,408	116	42	A	B
W6QV	8,446	107	41	A	B
AD7ND	2,150	45	25	A	B
N7QP	888	26	12	A	B
KX6X	528	14	11	A	B
K6LL	2,029,520	2,817	230	A	C
NI7R	241,824	494	132	A	C
K7JQ	238,336	597	133	A	C
W6ZQ	121,024	329	122	A	C
W7PP	24,674	120	73	A	C
KK7EL	14,800	149	50	B	A
WA7NWL	49,126	323	77	B	B
KB7AZ	36,800	232	80	B	B
WØPAN	36,778	264	71	B	B
KD6ZZM	27,056	181	76	B	B
AE7DW	25,296	190	68	B	B
KØTW	21,624	164	68	B	B
KG9JP	16,500	151	55	B	B
N7TEW	14,518	122	61	B	B
KR7DX	8,480	107	40	B	B
K7FLI	7,396	87	43	B	B
AF4VM	6,020	86	35	B	B
W7JSD	850	25	17	B	B
KG7DYX	840	33	14	B	B
K7RQN	560	20	14	B	B
N8EBN	144	9	8	B	B
N7UQ	408,100	1,871	110	B	C
K7HP	51,460	314	83	B	C
WR5G	31,312	206	76	B	C
N6MA	39,400	198	50	C	A
WD8KRV	9,112	70	34	C	A
AA7CU	5,880	51	30	C	A
AF9W	3,936	41	24	C	A
N6HI	680	18	10	C	A
K9WZB	612,560	1,248	124	C	B

KS5A	176,576	497	89	C	B	KU7Y	45,828	204	57	C	A
K6WSC	143,472	432	84	C	B	N7AC	37,180	171	55	C	A
K7MY	46,540	184	65	C	B	N7YK	374,928	887	107	C	B
W7KTY	33,120	120	69	C	B	KA6JLT	9,628	85	29	C	B
W7ON	2,000	25	20	C	B	W7RN (K5RC, KH2TJ, KM9R, KU7Y + spotting)	2,278,348	2,658	281	D	C
KO7AA	265,200	786	85	C	C	W7EB (KT6VV + spotting)	448,800	1,879	120	D	C
KC7V	241,592	602	101	C	C	W6NF (+ spotting)	448	15	8	E	A
K9DR	205,128	528	99	C	C	OR					
KE2VB	26,656	138	49	C	C	W7BRO	130,296	335	122	A	B
N7DD (+W8TK + spotting)	2,074,800	2,730	266	D	C	KU7K	31,724	159	77	A	B
N7AT (K8IA, N7LR, N7RQ, W9CF, + spotting)	1,574,148	2,236	233	D	C	KE7AUB	24,090	142	73	A	B
AA7A (+ spotting)	869,000	1,382	158	D	C	N7VS	15,360	109	48	A	B
KY7M (+ spotting)	832,818	1,051	251	D	C	NW6V	13,590	76	45	A	B
N7CW (+AD7YR, KB7HH, N6KZ, N6VR, + spotting)	769,940	1,416	137	D	C	KK7YC	426,816	1,342	144	A	C
AA7V (+ spotting)	762,700	974	263	D	C	K4XU	336,552	769	111	A	C
K7WP (+ spotting)	761,772	1,087	199	D	C	WB7QXU	59,840	380	80	A	C
NA2U (+ spotting)	553,152	898	172	D	C	K6UM	53,400	200	89	A	C
W7SW (+ spotting)	422,620	937	113	D	C	KI7N	38,976	171	84	A	C
N9NA (+ spotting)	319,682	671	121	D	C	N7ZO	2,604	40	31	A	C
K7LY (+ spotting)	132,090	638	105	D	C	NT7S	7,490	108	35	B	A
AJ7T (+ spotting)	14,740	134	55	D	C	K7VIT	58,080	442	66	B	B
WO7R (+ spotting)	12,168	160	36	D	C	KG7FEA	18,360	155	60	B	B
N7IR (+ spotting)	363,636	552	182	E	B	WX7E	12,240	104	60	B	B
W7JLC (+ spotting)	325,438	623	181	E	B	KD7ZLF	11,556	110	54	B	B
W2RD (+ spotting)	133,200	295	148	E	B	WR7X	10,496	128	41	B	B
NG2Q (+ spotting)	40,630	246	85	E	B	AE7LD	874	24	19	B	B
KA7CVJ (+ spotting)	9,506	50	49	E	B	N7RJA	288	16	9	B	B
N7FO (+ spotting)	5,694	75	39	E	B	KI7M	234,828	1,189	99	B	C
KR2E (+ spotting)	4,536	54	42	E	B	N7WR	98,280	635	78	B	C
W7MLG (+ spotting)	1,836	34	27	E	B	NØDA	17,024	113	38	C	A
EWA						W7YAQ	92,672	362	64	C	B
W7GB	89,376	301	76	A	B	K7PJT	78,120	281	70	C	B
WX7B	58,604	332	91	A	B	K7OVM	64,800	218	75	C	B
WB7RBN	3,100	62	25	B	A	N6PZ	7,440	60	31	C	B
KK7VL	1,564	46	17	B	A	NX1P	5,796	64	23	C	B
WS7V	117,040	779	76	B	B	KA7V	484,704	1,242	99	C	C
N7CKJ	98,236	605	82	B	B	K7RF	245,440	594	104	C	C
KB7HDX	64,080	543	60	B	B	K7RAT (N6TR)	17,976	107	42	C	C
KK7XS	15,240	128	60	B	B	KA6BIM (+ spotting)	331,320	1,263	132	D	C
WA7LT	315,244	1,500	106	B	C	KI7Y (+ spotting)	266,800	599	115	D	C
KL7FDQ	3,276	43	21	C	A	WS7L (+ spotting)	4	1	1	E	A
WR7K	83,512	291	73	C	B	W7TVQ (K2PO, K7CIE, KD7VIK, KU1CW, W6ABM, W8NF, WN6W, ops)	1,125,252	1,811	207	E	B
AD7XG	52,164	234	63	C	B	UT					
W6AEA	460,956	1,083	107	C	C	NS7K	48,772	181	89	A	A
W7GTF	57,888	204	72	C	C	AG1T	50,652	203	67	A	B
K7GS (+ spotting)	235,600	594	100	E	B	W7UT	1,019,720	1,444	212	A	C
ID						KF7IQ	144,430	428	143	A	C
K7OVG	52,488	203	81	A	B	W7QL	30,774	134	69	A	C
K7ARJ	20,300	97	58	A	B	KBØOLA	7,520	95	40	B	A
KF7RPO	700	25	14	A	B	K7ULS	124,336	831	76	B	B
KB7QFE	35,960	294	62	B	B	WA7LNW	182,850	796	115	B	C
N7ESU	27,404	223	62	B	B	AA7DJ	220,340	482	115	C	B
K7JAN	5,440	82	34	B	B	AK7O	72,704	273	71	C	B
W7MEM	314,640	1,325	120	B	C	K7CU	45,640	164	70	C	B
AA7VR	16,616	137	62	B	C	K7EA	21,888	116	48	C	B
N7RCS	25,256	158	41	C	A	WX7G	1,728	30	16	C	B
KA7T	313,116	822	97	C	B	NN7ZZ (N5LZ)	683,748	1,472	117	C	C
W7ZRC	56,816	272	53	C	B	WF4U	10,744	81	34	C	C
WJ9B	1,056,372	1,881	141	C	C	W7CT (+ spotting)	870,960	1,381	191	D	C
K7CF	392,436	999	99	C	C	K7UA (+ spotting)	274,992	542	136	D	C
KØIP (+ spotting)	404,808	1,085	167	D	C	WR7Q (+ spotting)	676	13	13	D	C
MT						NS7B (+ spotting)	97,526	283	121	E	B
KS7T	231,346	640	131	A	B	KZ7O (+ spotting)	19,100	195	50	E	B
N3RC	79,800	340	76	A	B	WWA					
KE7NO	15,052	116	53	A	B	K6ZY	28,908	147	66	A	A
K7ABV	59,170	200	97	A	C	K7SS	745,348	1,172	194	A	B
N7FLT	252,700	1,336	95	B	B	N7LOX	540,960	1,304	140	A	B
N8FKF	2,668	61	23	B	B	VW7D	312,200	637	140	A	B
KG7VQ	180	10	9	B	B	W7QN	127,792	363	98	A	B
N7MSU	48,498	414	59	B	C	W7POE	47,872	190	68	A	B
K7BG	993,696	1,898	132	C	C	W7GKF	633,324	1,108	178	A	C
KE7X	766,320	1,560	124	C	C	W7FI	428,428	712	182	A	C
N9RV (+W8LVN + spotting)	2,311,184	3,035	232	D	C	KB7N	191,760	426	136	A	C
KB7Q (+ spotting)	311,980	835	95	E	B	K7RL	158,672	449	94	A	C
NV						N7QS	91,924	278	98	A	C
W7YKN	17,280	163	54	A	B	W7PV	44,722	198	59	A	C
NB6C	1,672	38	22	A	B	WB7BBQ	9,990	113	45	A	C
K6LON	57,934	357	83	B	B	KJ7QT	61,200	438	72	B	B
W6US	13,724	149	47	B	B	WA7PVE	54,470	429	65	B	B
K7LOP	3,640	52	35	B	B	WA2BFW	40,950	332	63	B	B
KG7DMI	2,688	45	32	B	B	W8BFX	23,600	204	59	B	B
KG7GEP	720	20	18	B	B	N6LB	14,310	137	53	B	B
W7FD	12,272	123	52	B	C	KC7RG	12,126	131	47	B	B

AI9Q	6,864	89	39	B	B	N8AP	88,504	305	74	C	A
N7AME	6,162	81	39	B	B	K8SIA	36,108	155	59	C	A
K3BYU	4,556	68	34	B	B	K2YAZ	13,440	99	35	C	A
K7JSG	4,092	66	33	B	B	AB8DF	3,276	45	21	C	A
KF7NFD	2,444	47	26	B	B	AA8R	2,952	43	18	C	A
KK7SN	384	16	12	B	B	NA8V	637,872	1,172	137	C	B
KW7XX	374,030	1,664	113	B	C	W8ARU	47,616	195	62	C	B
N7BT	315,120	1,573	101	B	C	N8SS	46,632	176	67	C	B
NK7L	177,936	1,018	88	B	C	WB0KWJ	34,656	157	57	C	B
KZ1W	165,620	853	98	B	C	NE8J	25,760	147	46	C	B
KF7DX (KF7DXF)	44,530	308	73	B	C	NK8X	17,200	106	43	C	B
KG7P	37,576	245	77	B	C	K6RQT	10,608	79	34	C	B
WG7X	7,476	90	42	B	C	NS8Q	6,528	69	24	C	B
W7AV	78,300	266	75	C	A	WA8UMT	6,032	58	26	C	B
N7OU	472,512	1,109	107	C	B	WA8OLD	5,400	49	30	C	B
K7BTW	324,700	963	85	C	B	KB8M	2,244	33	17	C	B
WC7Q	100,100	397	65	C	B	W8RU	960	20	12	C	B
K7ZG	82,344	285	73	C	B	K8MM	743,080	1,439	130	C	C
WB7FJG	46,872	193	62	C	B	W8TE	158,152	386	106	C	C
AJ7B	16,008	89	46	C	B	N8OC	55,360	175	80	C	C
KC7YE	14,356	100	37	C	B	W8LJB	23,128	103	59	C	C
AB7RW	12,264	75	42	C	B	W8MU (+ spotting)	1,313,272	1,574	278	D	C
K7MM	10,500	76	35	C	B	NF8J (+ spotting)	245,960	591	143	D	C
N9ADG	433,344	982	111	C	C	N8MSA (+ spotting)	101,106	318	137	D	C
KN7T	432,828	1,100	99	C	C	K8MU (+ spotting)	83,300	277	85	D	C
K7EG	68,040	223	81	C	C	K8MEG (+ spotting)	34,808	139	76	E	A
KD7H	29,000	147	50	C	C	N8EA (+ spotting)	221,552	457	122	E	B
W7WR	13,728	89	39	C	C	K8GT (+ spotting)	131,322	283	129	E	B
W7PU (AD7AV, N7EPD,						W8PLP (+ spotting)	3,920	71	28	E	B
N7DOE, AC7LK + spotting)	457,232	841	164	D	C	KC8PKY (+KC8OBH + spotting)	690	23	15	E	B
W7VJ	255,200	829	116	D	C						
K6KR (+ spotting)	192,864	407	147	D	C	OH					
W7VXS (+ spotting)	180,360	508	90	D	C	WB8YHD	2	1	1	A	A
W7VV (+ spotting)	33,360	141	60	D	C	N8VV	668,394	920	213	A	B
W7OLY (+ spotting)	16,684	98	43	D	C	W8IDM	99,182	283	101	A	B
W7DK (KG7DWF, WB4SPB,						AF8C	58,220	255	82	A	B
WE7P, ops)	4,030	42	31	D	C	WT8E	48,500	233	97	A	B
KG7GEX (KG7GEX KU7T +						W8ASA	46,464	175	96	A	B
spotting)	10,530	136	39	E	B	N8DNG	21,632	129	52	A	B
W7SLS (+ spotting)	5,040	72	35	E	B	WA8YVF	13,720	89	49	A	B
						W8TM	12,032	72	47	A	B
WY						N8OXC	11,648	104	56	A	B
N7MJ	115,920	832	70	A	B	KD8MQ	9,828	66	42	A	B
WB7GR	29,784	193	73	A	B	W8EH	8,736	66	48	A	B
KA7PNH	121,584	905	68	B	B	N8PPF	7,128	81	44	A	B
N7MZW	68,700	460	75	B	B	AB8YK	4,488	69	33	A	B
KF7WIM	13,348	146	47	B	B	W8KNO	2,112	28	22	A	B
WB7S	26,400	176	75	B	C	KD8HHG	840	18	14	A	B
WC7S	41,768	238	46	C	A	NI5O	225,990	455	155	A	C
W7SE	107,168	399	68	C	B	NS8O	111,240	297	108	A	C
WY7SS (WY7FD, WY7KRA +						KB8O	82,124	306	98	A	C
spotting)	487,408	1,349	164	D	C	W8LIG	18,560	137	58	A	C
KO7X (+KD7RQU + spotting)	211,926	464	143	D	C	KE8KT	95,004	413	117	B	B
						KB8UUZ	89,824	405	112	B	B
8						N8BV	49,068	288	87	B	B
MI						N8TCP	17,934	150	61	B	B
WD8S	199,144	491	146	A	B	NR8U	9,858	95	53	B	B
KB8TYJ	110,160	302	102	A	B	N8OFP	5,184	72	36	B	B
N8NX	103,124	329	127	A	B	W8AJV	3,996	55	37	B	B
K8ESQ	83,846	267	113	A	B	N8ZGQ	2,760	46	30	B	B
N8FYL	67,776	249	96	A	B	NM8B	2,016	48	21	B	B
NF8M	29,212	126	67	A	B	KC8HQS	1,176	29	21	B	B
N8XI	22,672	116	52	A	B	KC8FTO	1,152	36	16	B	B
KJ8O	9,118	98	47	A	B	K8DXR	768	25	16	B	B
KD8LLT	6,888	84	41	A	B	NC8V	110	11	5	B	B
KE8UM	1,840	29	20	A	B	K8JSM	60	6	5	B	B
K8BZ	58,312	265	74	A	C	KT8D	13,696	108	64	B	C
N9UXU	5,846	80	37	B	A	N8VZ	4,440	60	37	B	C
N8SOB	30,316	290	53	B	B	AA8BV	2,604	66	21	B	C
KC8CY	28,560	213	68	B	B	WD8RIF	21,600	122	45	C	A
AA8N	26,520	200	68	B	B	KD8BBK	13,760	91	40	C	A
W8GX	25,840	192	68	B	B	AB8FJ	2,880	37	20	C	A
N8SBE	8,496	119	36	B	B	K8RJW	1,496	22	17	C	A
N8DKA	3,534	57	31	B	B	K8AJS	342,200	732	118	C	B
N8PYN	3,472	66	28	B	B	W8IQ	178,200	453	99	C	B
W8YY (KD8LNM)	2,680	67	20	B	B	K8BTU	176,616	452	99	C	B
KC8NLP	2,280	58	20	B	B	W8KTQ	155,420	420	95	C	B
AA8RK	2,208	48	23	B	B	W8GOC	104,512	286	92	C	B
KD8CGT	1,680	42	21	B	B	KD8SAV	92,272	302	79	C	B
N8WAV	1,352	26	26	B	B	W8PN	87,360	283	78	C	B
AB3DC	1,120	37	16	B	B	K3DMG	76,680	226	90	C	B
N8GEO	644	29	14	B	B	K8VUS	65,320	234	71	C	B
WA8YLZ	234	13	9	B	B	W8DHG	55,744	213	67	C	B
KB8U	465,740	1,599	146	B	C	WB8JUI	51,740	199	65	C	B
KE8FT	48,984	318	78	B	C	NZ8Y	39,176	175	59	C	B
K8TMK	35,360	213	85	B	C	K4YJ	22,600	114	50	C	B
K8MJZ	17,848	197	46	B	C	AA8P	20,880	95	60	C	B
KT8K	144,936	369	99	C	A	NT8Z	15,040	95	40	C	B
						AF8A	14,400	100	36	C	B

N8HP	6,336	49	33	C	B	N9CO	19,740	105	47	C	B
KF8BT	5,520	60	23	C	B	W9SE	14,824	115	34	C	B
KE8O	1,472	24	16	C	B	K9BGL	905,960	1,603	142	C	C
K8AZ (K8NZ)	1,424,528	2,274	158	C	C	K9CT	803,160	1,463	138	C	C
W8CAR	712,116	1,368	131	C	C	WA9AQN	247,752	563	111	C	C
W8AV	699,556	1,241	143	C	C	N9EP	98,496	304	81	C	C
N8BJQ	679,520	1,249	137	C	C	K9NO	55,800	188	75	C	C
K8MP	435,728	977	113	C	C	W9VA	24,000	120	50	C	C
WA8RCN	344,240	686	130	C	C	K9CC	11,952	85	36	C	C
KE8M	313,488	625	126	C	C	K9ZM	4,968	54	23	C	C
NF8R	281,232	559	126	C	C	N2BJ (+ spotting)	678,768	1,206	237	D	C
W8PR (KM8AM, AL7BA, W8IF, KD8FO, + spotting)	613,872	1,848	168	D	C	W9OA (+ spotting)	300,048	667	114	D	C
WW8OH (AC8GX, AC8GI, WA8PGE, W3HKK, ops)	523,056	1,015	204	D	C	W9GG (+WB9BNZ)	170,702	965	89	D	C
AC8G (+WZ8DX + spotting)	257,794	832	157	D	C	W9IIX (+ spotting)	65,340	368	90	D	C
N8AGU (+ spotting)	81,328	222	92	D	C	N9IO (+ spotting)	44,000	162	80	D	C
W8PG (+ spotting)	50,596	284	91	D	C	N9GUN (+ spotting)	25,288	124	58	D	C
AA8LL (+ spotting)	13,158	68	51	D	C	AI9T (+ spotting)	23,250	95	75	D	C
NO8C (+KD8NNL + spotting)	303,630	569	145	E	B	WA9IVH (+ spotting)	19,856	139	73	D	C
KD8QFM (+ spotting)	116,172	340	126	E	B	KB9NW (+ spotting)	8,120	66	35	D	C
N8WS (+ spotting)	102,726	269	117	E	B	NØFCD (+W9YK, KC9UIU, KB9DVC + spotting)	165,636	543	129	E	B
WD8KNC (+ spotting)	43,296	169	66	E	B	K9XE (+ spotting)	103,680	260	108	E	B
KA8SBI (+ spotting)	38,394	245	79	E	B	K9OR (+ spotting)	78,320	221	89	E	B
AC6ZM (+ spotting)	14,042	107	59	E	B	K9PG (+ spotting)	72,772	207	113	E	B
KD8SPF (+ spotting)	924	22	21	E	B	AB9M (+ spotting)	23,968	112	56	E	B
WV						KA9O	18,900	107	45	E	B
KV8S	24,476	118	58	A	A	KB9O	6,840	59	30	E	B
KB3CXQ	3,016	38	26	A	A	N9BT (+ spotting)	6,120	48	36	E	B
N8II	1,269,432	1,659	243	A	B	K9IJ (+ spotting)	3,840	42	24	E	B
K8MN	83,028	261	111	A	C	N9OE (+ spotting)	1,224	38	17	E	B
KA8NJW	8,874	91	51	B	B	WA9LKZ (+KC9HWA + spotting)	650	15	13	E	B
W8IDW	6,396	83	39	B	B	IN					
K8OWL	12,528	90	36	C	A	W9GT	222,272	514	151	A	B
NX8Z	252	11	7	C	A	N9WKKW	200,842	419	137	A	B
K8JQ	199,320	455	110	C	C	NM9P	64,260	255	85	A	B
KB8KMH	37,052	162	59	C	C	AJ9C	44,370	182	85	A	B
KU1T (+ spotting)	194,400	596	144	D	C	KV9W	12,502	127	47	A	B
AB8RL (+ spotting)	60,384	231	102	D	C	K9RU	84,942	306	99	A	C
9						W9TC	70,980	235	91	A	C
IL						N9ACD	33,120	244	72	B	B
KD9MS	139,706	346	119	A	B	WD9CVI	21,924	190	58	B	B
KC9QPM	51,510	214	85	A	B	NJ9U	11,858	124	49	B	B
K9PMV	49,912	195	68	A	B	KC9YSR	10,212	111	46	B	B
WB8RFB	42,918	185	69	A	B	WB9LRK	8,712	101	44	B	B
WA9FIH	40,964	201	77	A	B	KI4YDG	1,980	47	22	B	B
WB9HFK	38,870	188	65	A	B	W9SAN	1,978	47	23	B	B
WB8BZK	30,814	145	71	A	B	KD4WCL	1,656	38	23	B	B
KC9IL	22,400	125	56	A	B	K9ELF	1,260	30	21	B	B
K9JE	22,176	144	63	A	B	KC9ZBP	380	19	10	B	B
N9LYE	2,772	62	22	A	B	KK9U	126	9	7	B	B
W9VQ	2,480	35	20	A	B	N9BW	284,700	983	146	B	C
KC9TQF	1,216	33	19	A	B	K9AMP	8,250	75	55	B	C
K9JG	340	16	10	A	B	N1RU	18,080	113	40	C	A
WB9Z	1,445,642	2,276	253	A	C	AC9DN	120	6	5	C	A
K3WA	214,360	491	115	A	C	WC9C	93,272	266	89	C	B
W9KXQ	8,362	118	37	A	C	WT9U	70,152	240	74	C	B
KA9CLP	3,432	66	26	A	C	W9TN	61,632	215	72	C	B
N9GH	31,758	203	79	B	B	WU9D	1,056	22	12	C	B
N9RJM	29,312	273	64	B	B	KC9ELU	128	9	4	C	B
N9TF	20,034	159	63	B	B	KE9I	865,280	1,673	130	C	C
KC9KLA	17,582	155	59	B	B	KJ9C	426,012	824	131	C	C
W9QL	17,172	162	54	B	B	W9RE	409,836	874	119	C	C
KC9EOQ	12,544	196	32	B	B	K9NW	1,903,808	2,044	302	D	C
N9VPV	11,858	122	49	B	B	W9IU (+ spotting)	685,240	1,140	185	D	C
KA9MOM	7,310	88	43	B	B	KC9QQ (+ spotting)	185,504	399	136	D	C
W9NHX	3,618	72	27	B	B	KT9L (+ spotting)	134,652	254	147	D	C
KC9SNI	1,840	40	23	B	B	KØTQ (+ spotting)	98,040	261	95	D	C
ND9E	1,628	37	22	B	B	K9MI (+ spotting)	20,374	129	61	E	B
W9GYK	1,440	40	18	B	B	W9PA	19,504	108	46	E	B
W9NBG	924	42	11	B	B	K9DUR (+ spotting)	4,760	51	34	E	B
K9JK	660	22	15	B	B	N7GVV	3,248	31	28	E	B
KC9TEZ	624	26	13	B	B	W9VCF	1,536	35	24	E	B
KC9WRB	616	29	11	B	B	WI					
KB9PPY	96	12	4	B	B	AF9J	31,496	155	62	A	A
AI9K	15,200	100	38	C	A	K9MU	56,564	276	79	A	B
NV9X	1,248	24	13	C	A	K9BTQ	40,896	219	71	A	B
K9QVB	470,184	862	137	C	B	KC9CDW	32,696	245	67	A	B
W9ILY	303,056	615	124	C	B	W9WLX	23,760	118	55	A	B
WO9S	176,400	445	100	C	B	WB9TFH	23,664	161	68	A	B
K9CS	168,096	410	103	C	B	WR9Y	21,902	134	47	A	B
K9GY	108,864	326	84	C	B	K9DWS	13,566	138	51	A	B
WD9DZV	104,152	288	94	C	B	K9WD	13,152	113	48	A	B
K9JU	51,480	197	66	C	B	WA9ETL	9,114	96	49	A	B
WA9LEY	44,164	184	61	C	B	WS9E	3,744	156	24	A	B
KOØZ	30,680	150	59	C	B	AA9SR	112	8	8	A	B
						WØAIH (NE9U)	1,719,210	2,252	255	A	C
						NØIJ	336,648	593	169	A	C

W9AV	255,664	543	152	A	C
KN9P	22,796	147	82	A	C
N9FRY	35,280	252	70	B	A
KF9US	109,620	525	105	B	B
WB9PUB	64,152	415	81	B	B
KA9JCP	40,032	286	72	B	B
NØXXL	18,360	182	51	B	B
WN9MFC	18,304	143	64	B	B
K9IAC	12,838	139	49	B	B
W9NAW	8,930	98	47	B	B
WB9BWP	3,672	69	27	B	B
WA9AXQ	2,774	73	19	B	B
WM9E	1,830	62	15	B	B
KC9UHH	1,188	34	18	B	B
N9ISN	42	8	3	B	B
W9ROG	212,344	841	127	B	C
W9OP	180,960	437	104	C	A
AF9T	92,340	288	81	C	A
W19WI	61,408	203	76	C	A
N9CK	96,840	270	90	C	B
N9XX	84,512	279	76	C	B
KB9S	77,672	268	73	C	B
W9CHD	26,320	140	47	C	B
K9GS	3,864	42	23	C	B
W9XT	716,992	1,332	136	C	C
K9MA	626,364	1,147	137	C	C
K1TN	323,000	650	125	C	C
KK9K	171,468	436	99	C	C
AA9A (+ spotting)	1,834,800	2,116	278	D	C
NS9I (+ spotting)	290,816	516	142	D	C
K9DJ (+ spotting)	107,532	310	87	D	C
W9JA (+ spotting)	47,840	235	104	D	C
W9RPM (+ spotting)	10,414	76	41	E	A
KB9DFE (+W9WJM + spotting)	75,264	253	98	E	B
W9FZ (+KA9VVQ)	62,832	238	84	E	B
NV9L (+ spotting)	33,948	207	82	E	B
NQ9A	9,744	108	42	E	B
N9PQJ (+ spotting)	3,072	49	32	E	B

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CO					
KFØUR	414,690	1,220	115	A	B
NØGOS	175,120	491	110	A	B
KBØYH	105,160	299	110	A	B
KEØW	1,120	26	20	A	B
WØETT	352,800	670	168	A	C
KØZX	278,400	702	100	A	C
NCØB	268,032	1,027	128	A	C
KV6O	30,954	155	77	A	C
KØTZ	24,480	117	72	A	C
KKØQ	37,440	267	72	B	A
WD4IXD	181,106	1,098	83	B	B
WB9KPT	46,648	347	68	B	B
WØLSD	31,652	195	82	B	B
NØPOH	14,964	134	58	B	B
N7VZ	10,000	100	50	B	B
AC9D	8,464	96	46	B	B
N2SRK	4,154	67	31	B	B
KØJEG	3,472	64	28	B	B
NAØBR	2,916	57	27	B	B
KBØJIT	1,892	44	22	B	B
NØVD	201,960	997	102	B	C
K9MWM	176,128	1,034	86	B	C
NØSMX	14,136	125	57	B	C
W6OAL	5,148	82	33	B	C
NØRN	4,884	67	37	B	C
KØGUZ	30,096	172	44	C	A
W2UP	754,068	1,345	141	C	B
KIØJ	193,644	491	99	C	B
KØAE	98,356	374	67	C	B
NN7A	55,460	235	59	C	B
NØTK	31,096	174	46	C	B
KØYQ	15,488	88	44	C	B
NGØT	12,580	86	37	C	B
WØZA	665,144	1,389	122	C	C
KØFX	468,528	918	129	C	C
NØHF	180,960	526	87	C	C
KØRF (+WØUA + spotting)	2,841,960	3,004	330	D	C
KØEU (+ spotting)	1,171,716	1,883	222	D	C
NØKV (+ spotting)	1,039,808	1,769	224	D	C
WØRIC (+ spotting)	103,356	528	99	D	C
KØXTR (+ spotting)	47,040	197	60	D	C
K5ZG (+ spotting)	46,492	203	59	D	C
NØTA (+ spotting)	23,010	94	65	D	C
KØUK (+KBØQAA + spotting)	696,654	1,213	189	E	B
AD1C (+ spotting)	203,984	406	152	E	B
WØRAA (+ spotting)	91,728	286	84	E	B

IA					
ADØH	117,300	357	102	A	B
WØGN	107,280	318	90	A	B
NUØQ	26,904	129	59	A	B
W1HAM	26,460	274	49	A	B
KC8R	14,790	129	51	A	B
WØEWD	968,976	1,578	216	A	C
KBØL	3,752	42	28	A	C
WØYV	8,160	123	34	B	A
AGØM	37,064	226	82	B	B
WBØLJK	30,246	216	71	B	B
NØSFH	12,642	133	49	B	B
WØKSC	11,136	116	48	B	B
WØPPF	19,600	175	56	B	C
KDØBVI	726	33	11	B	C
WØGJ	7,840	58	35	C	A
WIØWA (NØAC)	56,032	215	68	C	B
WØGXA	1,800	30	15	C	B
K2DSW	234,624	573	104	C	C
NØMA (W7II, WØIY, KØDAS, KØPE, WØODS, WØEA, WØGXA, ops)	645,650	1,142	185	D	C
NØNI (+NØXR + spotting)	1,478,816	1,431	296	E	B
AAØAI (+ spotting)	12,464	77	41	E	B
KS					
AAØFO	57,760	196	80	A	B
KØPY	55,338	210	69	A	B
NQØM	14,578	124	37	A	B
WØBH	364,156	930	149	A	C
WØUY	30,942	117	81	A	C
WØJMW	40	5	4	B	A
WBØZWW	10,800	109	50	B	B
WØIE	3,840	64	30	B	B
KAØEIC	2,080	41	26	B	B
KØRH	67,308	481	71	B	C
NYØT	3,848	52	37	B	C
NSØR	141,568	463	79	C	C
ABØS	90,592	301	76	C	C
KØAP (+ spotting)	112,992	323	88	D	C
KØWA (+ spotting)	39,664	148	67	D	C
WØXE (+ spotting)	11,514	74	57	D	C
KCØDEB (+ spotting)	302,064	653	174	E	B
KØVBU (+ spotting)	37,524	160	59	E	B
ACØE (+ spotting)	32,448	122	78	E	B
MN					
WFØT	22,400	157	50	A	A
KØRGR	13,160	120	35	A	A
KØAD	253,260	638	126	A	B
WØPI	179,552	415	124	A	B
NØNO	138,762	361	117	A	B
NØKK	101,400	371	75	A	B
KA8HDE	87,552	336	96	A	B
KØOB	81,028	308	94	A	B
WAØBNX	68,544	250	84	A	B
WAØLJM	58,650	250	75	A	B
WØRU	30,600	161	60	A	B
KØYAK	27,324	188	46	A	B
KDØCVO	20,750	99	83	A	B
KØYR	19,680	119	60	A	B
WØRX	9,040	61	40	A	B
KAØCSW	5,206	70	19	A	B
ACØW	5,076	53	27	A	B
NØTYE	4,864	77	32	A	B
WDØK	3,432	51	33	A	B
NJØF	1,400	23	20	A	B
ACØX	40	5	4	A	B
KØTT	1,594,240	2,301	265	A	C
KØMD	1,010,592	1,541	198	A	C
WAØMHJ	945,000	1,391	225	A	C
WØOR	513,692	890	167	A	C
KØCN	178,022	343	167	A	C
WØJM	175,450	469	145	A	C
KØJJR	173,994	370	141	A	C
K9DU	118,534	336	97	A	C
KBØEO	93,096	356	108	A	C
WØZQ	90,816	273	96	A	C
NØOK	75,582	234	117	A	C
NRØT	48,984	208	78	A	C
KCØRET	48,750	196	75	A	C
NDØC	78,660	415	95	B	A
KØVH	37,252	281	67	B	B
WØRK	17,280	146	60	B	B
NØUJJ	15,096	152	51	B	B
KBØHNN	14,688	137	54	B	B
AJØCM	13,024	152	44	B	B
NØTMU	9,520	119	40	B	B
NØPI	4,312	77	28	B	B

KCØNFB	4,020	67	30	B	B	KDØMEI	2,646	49	27	B	B
KCØVFP	3,102	50	33	B	B	KDØJBN	1,848	45	21	B	B
KCØDMF	2,688	64	21	B	B	KAØYJE	1,216	44	16	B	B
WØZF	380	20	10	B	B	WN9GDX	950	25	19	B	B
WAØVPJ	182	13	7	B	B	KDØRSX	484	25	11	B	B
KCØRQH	100	10	5	B	B	WØPC	384	33	6	B	B
N8TUT	58	31	1	B	B	NØIU	264	12	11	B	B
KØBUD	74,496	396	96	B	C	KIØHQ	50,374	284	89	B	C
KØSIX	50	5	5	B	C	N8LA	18,696	123	38	C	A
NØUR	266,112	596	112	C	A	NØAX	94,464	289	82	C	B
NYØV	45,360	168	70	C	A	KBØVE	66,584	207	82	C	B
KØTC	11,948	104	29	C	A	KSØM	34,892	151	61	C	B
WTØO (KØTI)	3,360	58	15	C	A	KØKEX	27,040	135	52	C	B
KNØV	114,240	343	84	C	B	WØTY	256	9	8	C	B
KØTI	110,080	325	86	C	B	KAØP	252	9	7	C	B
WØLHG	69,632	259	68	C	B	WØHBH	81,872	241	86	C	C
WØRSB	61,908	202	77	C	B	WBØSND (+ spotting)	327,152	521	184	D	C
KØPK	51,100	175	73	C	B	KØJPL (+ spotting)	321,536	566	157	D	C
K3WT	21,896	120	46	C	B	AAØA (+ spotting)	86,304	486	87	D	C
AIØQ	21,828	108	51	C	B	KØARY (+ spotting)	35,244	161	89	D	C
WØDC	14,820	99	39	C	B	KDØFW (+ spotting)	30,544	153	92	D	C
NØUY	12,168	82	39	C	B	KØBX (+ spotting)	23,124	134	47	D	C
NØBM	2,464	44	14	C	B	KIØHA (+ spotting)	2,960	40	37	D	C
WØVB	312	13	6	C	B	WØTT (+ spotting)	76,788	242	81	E	B
NEØU	592,416	1,156	132	C	C	KØCA (+ spotting)	35,880	130	69	E	B
KMØO	588,120	1,141	130	C	C	KB5ENP (+KC8SDQ + spotting)	34,980	166	53	E	B
NØIM	119,040	384	80	C	C	ND					
NØBUI	15,488	123	32	C	C	WBØIWG	8,512	114	38	B	A
NØAT (+KØBBC + spotting)	1,208,752	1,490	248	D	C	WBØDSF	16,416	156	54	B	B
KØKX (+ spotting)	878,178	805	309	D	C	NØJE	4,760	70	34	B	B
NØBK (+ spotting)	333,688	490	212	D	C	WØCZ	2,816	44	16	C	A
KØPC (+ spotting)	313,024	564	146	D	C	N7IV	291,852	742	99	C	B
WBØN (+ spotting)	298,716	504	186	D	C	NØUD (WBØOAJ)	16,268	86	49	C	B
KEØL (+ spotting)	273,408	504	178	D	C	WCØG (+ spotting)	15,312	111	58	E	B
WØERP (+ spotting)	264,496	550	122	D	C	NE					
KØRC (+ spotting)	259,168	405	182	D	C	WB9QAF	7,490	75	35	A	A
WØBM (+ spotting)	234,552	484	174	D	C	KTØK	804,000	1,206	201	A	B
KSØT (+ spotting)	156,096	329	144	D	C	NØUJT	15,544	104	58	A	B
KØVG (+ spotting)	64,430	243	85	D	C	KBØDNP	7,566	106	39	A	B
K4IU (K4IU + spotting)	43,160	169	65	D	C	NØRZT	72	7	6	B	A
WØSV (NØUV, KØSV, KDØDOS, KCØTAB, WAØOTO, KDØVJK, KØVSC, KDØWHV, ops)	32,548	166	79	D	C	KBØVVD	3,618	67	27	B	B
WØAD (+ spotting)	15,184	75	52	D	C	NUØC	82,152	493	84	B	C
WØJEC (+ spotting)	7,384	73	52	D	C	WNØL	58,820	179	85	C	B
WØLM (+ spotting)	5,616	53	36	D	C	KØGND (+ spotting)	93,888	492	96	D	C
AAØAW (+ spotting)	291,124	645	146	E	B	KCØJRW (+ spotting)	16,896	137	64	D	C
KØMPH (+ spotting)	258,264	480	153	E	B	WBØYYE (+ spotting)	63,910	389	83	E	B
NØHJZ (+ spotting)	238,986	626	153	E	B	SD					
WGØM (+ spotting)	153,748	345	133	E	B	KØVVX	138,804	814	86	A	B
WØSHL (+ spotting)	149,440	379	160	E	B	WBØULX	22,960	141	82	B	B
WAØRBW (+ spotting)	121,806	344	101	E	B	WØBMS	48,480	243	101	B	C
WBØSOK (+ spotting)	100,282	225	133	E	B	KØJV	15,504	114	34	C	B
WØMR (WBØVHF, K9NJ, KØQEI, KØRJW, WBØENX, KDØCAC, ops)	55,890	362	69	E	B	WØSD (WØDB)	948,560	1,691	142	C	C
NØKBD (+ spotting)	52,808	234	82	E	B	KTØA	56,304	279	51	C	C
NØODK (+ spotting)	43,432	247	89	E	B	KDØS (+ spotting)	4,732	63	26	D	C
K1KD (+ spotting)	39,168	206	48	E	B	Canada					
KFØQ (+ spotting)	27,170	213	65	E	B	AB					
KØTNT (+ spotting)	23,408	116	56	E	B	VE6EX	295,800	847	102	A	A
WØSEI (+ spotting)	19,760	100	52	E	B	VE6SQ	37,700	179	58	A	B
KØJE (+ spotting)	8,448	68	32	E	B	VE6FI	60,610	557	55	B	C
KØJA (+ spotting)	5,940	50	33	E	B	VE6CMV	42,606	264	81	B	C
KBØKQA (+ spotting)	1,020	34	15	E	B	VE6WQ	626,416	1,326	119	C	B
NRØL (+ spotting)	42	5	3	E	B	VE6AX (+ spotting)	22,570	181	61	E	B
MO						BC					
KØOU	18,912	117	48	A	A	VE7BGP	2,808	37	26	A	B
NXØI	278,396	600	158	A	B	VE7AX	230,652	543	129	A	C
N7WY	270,874	561	167	A	B	VE7GNR	6,290	90	37	B	A
NWØM	234,360	563	135	A	B	VE7KA	4,464	73	31	B	A
WBØQLU	19,256	105	58	A	B	VA7AM	160,776	961	84	B	B
WØAO	18,624	134	48	A	B	VE7EMI	21,594	178	61	B	B
WBØQIR	7,056	83	42	A	B	VE7VAW	5,478	84	33	B	B
KØDEQ	271,200	525	150	A	C	VA7AQD	4,620	77	30	B	B
KFØF	252	21	6	B	A	VA7GAP	2,184	52	21	B	B
WØPFO	126	9	7	B	A	VE7TJF	5,928	78	38	B	C
KAØFSP	48,422	344	71	B	B	VA7KH	18,424	98	47	C	A
WAØFQK	43,168	304	71	B	B	VA7AD	3,528	44	21	C	A
NØPVZ	18,560	162	58	B	B	VE7JKZ	148,456	485	77	C	B
KBØNHW	14,000	127	56	B	B	VA7ST	103,500	379	69	C	B
W7KAM	13,064	142	46	B	B	VA7MM	84,956	326	67	C	B
WØNFS	8,800	111	40	B	B	VA7EU	84,152	318	67	C	B
KØKY	8,284	109	38	B	B	VE7XDT	15,288	99	39	C	B
NØMJ	7,740	94	43	B	B	VE7VR	13,332	102	33	C	B
NØUB	6,528	103	32	B	B	VE7JH	1,007,304	1,797	141	C	C
NØLD	2,992	68	22	B	B	VA7OM	232,220	688	85	C	C

VE7IO	109,344	407	68	C	C	VE3BW	376,176	674	204	A	C
VE7FO (+ spotting)	13,268	108	31	D	C	VE3YT	61,912	231	71	A	C
VA7BEC (+VA7KO + spotting)	600,264	1,167	189	E	B	VE3KKQ	43,648	253	88	B	B
VA7DZ (+ spotting)	264,224	729	92	E	B	VE3QEE	2,856	52	28	B	B
VE7CA (+ spotting)	173,740	517	85	E	B	VE3NQM	1,520	39	20	B	B
GTA						VE3EDY	16,660	119	70	B	C
VE3TW	144,946	350	137	A	B	VA3XH	16,124	141	58	B	C
VE3JI	76,108	260	106	A	B	VE3DZ	765,576	1,306	147	C	B
VE3KZ	890,736	1,194	241	A	C	VA3ATT	142,128	381	94	C	B
VE3NLE	2,300	50	23	B	B	VA3FN	17,220	106	41	C	B
VE3AJ	440	22	10	B	B	VE3OI	351,648	801	111	C	C
VE3TZF	84	8	6	B	B	VE3EJ	294,360	680	110	C	C
VE3GFN	211,152	499	106	C	B	VA3DDX (+ spotting)	814,472	998	244	D	C
VE3FJ	157,504	369	107	C	B	VA3DX (+ spotting)	258,624	456	144	D	C
VA3EC	110,316	322	87	C	B	VE3MM (+ spotting)	67,768	198	86	E	B
VE3HG	15,680	102	40	C	B	VE3JDF (+ spotting)	43,316	195	98	E	B
VA3RJ	5,168	38	34	C	B	QC					
VE3EY	308,252	713	109	C	C	VE2AWR	353,916	599	174	A	B
VE3NZ (+ spotting)	389,080	720	137	D	C	VE2BWL	105,360	274	120	A	B
VE3MIS (VE3VE, VE3IMG + spotting)	260,496	730	162	D	C	VE2EBK	69,090	258	105	A	B
VE3FGU (+ spotting)	218,880	461	120	D	C	VA2RIO	4,992	64	39	A	B
VE3RZ (+ spotting)	107,116	250	122	D	C	VE2HIT	123,200	561	110	B	B
VE3CWU (+ spotting)	108,720	306	120	E	B	VA2IC	14,300	133	55	B	B
VE3KAO (+ spotting)	46,632	176	67	E	B	VE2GSO	106,552	710	76	B	C
VE3HEU (+ spotting)	32,200	139	70	E	B	VA2QR	31,800	213	75	B	C
MAR						VE2JM	4,340	62	35	B	C
VE1ZA	496,856	1,123	173	A	B	VE2KOT	21,600	120	45	C	B
VY2TT	2,459,142	3,081	261	A	C	VE2QV	10,336	69	38	C	B
VE1JS	47,500	206	95	A	C	VA2WA (+ spotting)	781,264	1,128	184	D	C
VE9ZZ	61,800	312	100	B	B	VE2SG (+ spotting)	260,864	901	128	D	C
VE1ZD	58,990	349	85	B	B	VE2FK (+ spotting)	10,764	69	39	D	C
VY2OX	133,824	331	102	C	A	VE2AXO (+ spotting)	73,528	225	101	E	B
VA1MM	33,280	130	65	C	A	VE2EVN (+ spotting)	11,020	97	58	E	B
VE1RSM	129,168	354	92	C	B	SK					
VE9AA (+ spotting)	2,173,000	2,711	265	D	C	VE5AAD	73,632	466	59	A	B
VE1OP (+ spotting)	1,626,096	1,983	228	D	C	VA5LF	25,344	113	64	A	B
VE9ML (+ spotting)	133,140	319	105	E	B	VE5WD	684	19	19	B	B
VE9BWK (+ spotting)	4,784	50	26	E	B	VA5DX	566,432	2,300	124	B	C
VE9EX (+ spotting)	2	1	1	E	B	VE5VA	138,380	409	85	C	A
MB						VE5ZX	413,820	872	121	C	B
VE4EA	630,938	1,171	187	A	B	VE5GC	114,408	469	63	C	B
VE4YU	313,170	596	165	A	B	VE5SF	19,952	117	43	C	B
VE4VT (VE4EAR)	475,104	943	202	A	C	VE5UF	768,296	1,418	137	C	C
VE4RA	4,270	67	35	B	B	VE5MX (+ spotting)	1,203,482	1,607	217	D	C
VE4DRK	4,200	63	35	B	B	VE5UO (+ spotting)	175,718	571	103	E	B
VE4GV (+ spotting)	1,075,648	1,821	224	E	B	VE5BCS (+ spotting)	26,244	244	54	E	B
NL						Mexico					
VO2NS	48,856	395	62	A	B	AGS					
VO1KVT	157,248	761	104	B	B	XE2AA	141,950	858	85	B	B
VO1QU	290,476	728	101	C	B	XE2B (+ spotting)	1,204	32	14	D	C
VO1BQ	61,256	249	62	C	B	XE2AU (+ spotting)	57,380	209	95	E	B
NT						BAC					
VY1EI	240,964	1,103	107	A	B	XE2ES	1,872	34	24	A	A
VE8GER	125,856	829	76	A	B	XE2K	507,408	1,938	132	B	C
ONE						XE2CQ (+ spotting)	476,286	997	163	D	C
VA3RKM	42,924	168	73	A	A	BCS					
VA3KAI	140,616	344	124	A	B	XE2HUQ	299,750	1,388	109	B	C
VA3TIC	20,650	181	59	A	B	CHH					
VA3VF	11,316	123	46	B	A	XE2JS	161,376	993	82	B	A
VE3KJQ	1,932	47	21	B	A	XE2JUM	988	29	19	B	B
VA3GD	32,996	226	73	B	B	COL					
VE3FCT	22,936	188	61	B	B	XE1AO	42,592	254	88	B	B
VE3IQZ	17,380	160	55	B	B	XE1AY	6,032	63	26	C	B
VA3NW	14,580	138	54	B	B	DFE					
VE3MEW	8,064	97	42	B	B	XE1B	701,820	2,799	126	B	C
VE3LJQ	7,224	84	43	B	B	DGO					
VE3GTC	103,544	303	86	C	A	XE2MBE	2,064	47	24	B	A
VE3DQN	6,336	62	33	C	A	XE2ML	5,328	76	36	B	B
VE3IGJ	120	6	5	C	A	XE2KEC	8,284	117	38	B	C
VE3IAE	6,944	65	28	C	B	EMX					
VE3PN	298,368	604	126	C	C	XE1ZTW	15,336	143	54	B	B
VE3MMQ (+ spotting)	706,002	986	209	D	C	XE1MM	567,472	1,237	116	C	C
VE3JM (+ spotting)	247,760	364	190	D	C	GTO					
VA3KA (+ spotting)	149,894	504	149	D	C	XE1AJ	7,920	91	44	B	B
VE3DTI (+ spotting)	11,952	84	36	E	A	HGO					
VE3XAT (+ spotting)	141,988	264	154	E	B	XE1/AAØAA	18,972	105	62	A	B
VE3KI (+ spotting)	127,512	322	99	E	B	JAL					
ONN						4A1TD	53,286	313	83	A	C
VE3BKM	2,184	53	21	B	A	XE1HG	80,008	555	73	B	B
VE3TU	64,600	387	85	B	B	XE1GZU	128	8	8	B	B
VE3CX (+ spotting)	1,134,080	1,493	256	D	C	XE1GXG	9,792	70	36	C	A
ONS						MOR					
VE3FH	173,698	421	133	A	B	XE1REF	76,700	663	59	B	C
VE3VSM	38,924	172	74	A	B	NLE					
VE3RCN	36,680	168	70	A	B	XE2MVS	832	32	13	B	B
VE3CKG	2,052	38	27	A	B	PUE					

XE1SDK	142,760	869	83	B	B
QRO					
XE1EE (+ spotting)	155,800	527	100	D	C
QUI					
XE3/K5ENS	440,244	1,774	126	B	B
XE3N (+ spotting)	17,710	165	55	E	B
SIN					
XE2PXZ	4,774	84	31	B	B
SON					
XE2S	493,848	1,090	114	C	C
YUC					
XE3D	8,944	107	43	B	B
ZAC					
XE2YWH	12,060	68	45	C	B
XE2FGC (+ spotting)	3,952	40	26	E	B
Region 1					
Z61DX	39,658	187	79	A	B
Z61VB	1,232	28	22	B	B