

Results, 2001 ARRL November CW Sweepstakes

Imagine a Fall classic set against the spectacular conditions of an early November weekend. The exhortations of participants ringing out above the continuous background roar of the crowd. Players exhibiting remarkable skill and instant decision-making, aware that a single mistake could be the difference between victory and defeat.

For amateur radio contesters in the United States and Canada, this Fall classic was the ARRL November Sweepstakes CW, held across the weekend of November 3-4, 2001. With 1268 logs submitted there was plenty of action.

Being near the peak of the solar cycle, much of the activity was taking place on the higher bands. After the contest, K8CC remarked, "Probably the best conditions I've ever heard for a domestic contest from here. Stations 200 miles away were S9+ on 20 m, and many East Coast stations were very workable from here (not an ordinary occurrence). On the other hand, 40 m (our bread and butter band from here) was like a ghost town. I've never in 25+ years of SS heard 40 CW literally empty in the middle of the day." And the conditions were even good enough to allow eight QRP stations to earn a Clean Sweep by working all 80 sections!

Sweepstakes is a scavenger hunt for new contacts and sections. A major theme

of the post contest comments was the challenge of finding those last few sections for a clean sweep. Almost no one mentioned missing Yukon, no doubt due to the efforts of Rick, N1RL, who traveled up to VY1JA to operate the contest. North Dakota was almost single handedly fulfilled by WB0O, who worked 1288

contacts and missed his own section! All of the "DX" sections were well represented with Top Ten finishes by NP2B, WP3R, KH6J and KL7Y.

How did you do on meeting your goals? There's always next year. The next edition of CW Sweepstakes will be held the weekend of November 2-3, 2002.

2001 CW Sweepstakes Sponsored Plaque Winners

Following is the list of winners of Overall and Division-level sponsored plaques. The complete list of Division Winners for the ARRL 2001 November CW Sweepstakes may be found on-line at www.arrl.org/members-only/contests/ Category winners in Divisions where a plaque is not sponsored may purchase the plaque for \$60 by contacting the ARRL Contests at contests@arrl.org or by phone at 860-594-0295.

Winner	Division	Plaque Category	Plaque Sponsor
WP3R			
(KE3Q,op)	Overall	Single Operator High Power CW	Trey Garlough, N5KO
K0EU	Overall	Single Operator Low Power CW	TeamCramp.com
K6LA	Overall	Single Operator Unlimited CW	Eric Hall, K9GY
KG4PDS			
(K0EJ,op)	Overall	School Club College Division CW	Mark Smith KD4JLC Memorial
K3MM	Atlantic	Single Operator High Power CW	North Coast Contesters
NY3A	Atlantic	Single Operator Low Power CW	Potomac Valley Radio Club
K3TEJ	Atlantic	Single Operator QRP CW	Gary Hembree, N7IR
WR3L	Atlantic	Multioperator CW	North Coast Contesters
N9RV	Central	Single Operator High Power CW	In Memory of Richard Harper, W9RW by SMC
K9IG	Central	Single Operator Low Power CW	In Memory of Mike Corke, N9AEJ by SMC
N9NE	Central	Single Operator QRP CW	W9QOX Memorial
N9FH	Central	Single Operator Unlimited CW	In Memory of Robert Heytow, K9YA by SMC
K9NS	Central	Multioperator CW	Don Haney, W9WW
W0SD			
(WD0T,op)	Dakota	Single Operator High Power CW	Minnesota Wireless Association
K0OB	Dakota	Single Operator Low Power CW	Minnesota Wireless Association
N0UR	Dakota	Single Operator QRP CW	Tod Olson, K0TO
KT0R	Dakota	Single Unlimited CW	Minnesota Wireless Association
K0JA	Dakota	Multioperator CW	Minnesota Wireless Association
N4GN	Great Lakes	Single Operator High Power CW	North Coast Contesters
W8MJ	Great Lakes	Single Operator Low Power CW	Mad River Radio Club
N2NT			
(N2NC,op)	Hudson	Single Operator High Power CW	Mark Obermann, AG9A
K2TW	Hudson	Multioperator CW	Stuart Silverstein, K3UEI, Memorial
N0NI			
(AG9A,op)	Midwest	Single Operator High Power CW	John Golomb, N2NC
K0DI	Midwest	Single Operator Low Power CW	Society of Midwest Contesters
K0INR	Midwest	Single Operator Unlimited CW	Kirk Pengelly, N0KK
K0BJ	Midwest	Multioperator CW	Lincoln Amateur Radio Club
K1TR	New England	Single Operator QRP CW	QRP Club of New England
KH6J			
(KH6ND,op)	Pacific	Single Operator High Power CW	Rich Hallman N7TR
N6NF	Pacific	Single Operator Low Power CW	Robert A. Wilson, N6TV
N4AF	Roanoke	Single Operator High Power CW	Potomac Valley Radio Club
K4IX	Roanoke	Multioperator CW	Tidewater Morse Code Society
N2IC	Rocky Mtn	Single Operator High Power CW	Wayne Austin, W0ZP
N7CW	Southwestern	Single Operator Low Power CW	Larry Serra, N6NC
N7IR	Southwestern	Single Operator QRP CW	Ray and Donna Day, N6HE & N6HTH
N5RZ	West Gulf	Single Operator High Power CW	Ken Adams, K5KA
VA3UZ	Canada	Single Operator Low Power CW	Don Haney, W9WW



Rus, K2UA, traveled to South Texas to operate from K5TR's growing station.

Low Power Category

The most popular entry category was Single Operator Low Power with 652 logs submitted. It was highly competitive as well, with the Top Ten scorers coming from ten different sections all across the country.

When the log checking computer stopped humming, Randy, KØEU, in Colorado pulled out the victory over Matt, K7BG, in Montana by just 3 QSOs! KØEU displayed a balance of QSOs across 15, 20, and 40 meters. Commenting on his own huge 10-m QSO totals, Matt said, "Ten was definitely the Ex-Lax band with the 105CA at 65 feet fixed on the Atlantic seaboard doing a great job for me." We must assume the reference to Ex-Lax had to do with the continuous "runs" 10 m was able to produce...

Last year's low power winner, Don, N4ZZ, filled his familiar place in the Top Ten at number 3. Newcomer to the box was Yuri, VA3UZ, who finished fourth while operating from the station of VE3OL. There were just 38 QSOs separating K5WA at number 5 and KØDI at number 11. The Pacific Northwest owned the next two spots with VE7CC just getting by W7WA. Lee and Dan were the only members of the Low Power Top Ten to use just one radio. NP2B, operated by N4BP, submitted a very clean log to move up a couple of places during the log checking and take the number 8 spot. John, WA2GO, visited KL7Y and took advantage of the excellent high band conditions to finish ninth, and Ken, W8MJ, achieved a personal best score to make his first appearance in the Top Ten.

High Power

After the contest, Pat, N9RV, declared, "One thing is for sure—you don't get into the Top Ten through luck in the SS." That

is especially true in the super competitive single operator high power category. These guys have big stations and they know how to use them.

KE3Q again traveled to the mountain top station of WP3R to cruise in for his third consecutive High Power win. Having a signal footprint on 10 and 15 meters to all parts of the country helped him rack up a huge high band total and a 63 QSO margin of victory.

The real competition began at the number 2 spot with just 10 QSOs separating the next 5 places. N6TR piloted W5WMU in Louisiana to another great finish. Tree now has finished third or higher for seven years in a row, a remarkable record. Bill, W4AN, returned to SS CW after an 8-year absence and showed he still knows how to play the game by finishing third.

In fourth was Mike, KH6ND, operating from the location of KH7R and using the call sign of the Koolau Amateur Radio Club, KH6J. Mike was excited by his effort and noted, "This is the first year since 1971 that a station from the PAC section has made the top 10 in CW SS SO HP." Just two QSOs behind in fifth was Mark, AG9A, operating from NØNI in Iowa. The dominance of the middle of the country continued with N2IC, N5RZ, WXØB and WØSD filling out the next four spots. A total of 241 logs were received for the high power category, a 13% increase over the year before.

QRP Category

Despite receiving only 195 log submissions for the QRP category, down 10 from last year, the excitement of QRP activity in the SS was clearly evident during the contest. Many operators commented on the quantity and signal strength of the Q category entrants. With the high bands wide open, QRP can be

effective even with less than optimum antennas!

Leading the pack was Scott, W4PA, operating from the station of K4JNY in southeastern Tennessee, with an amazing 952 QSOs and a sweep! This was Scott's 20th year in a row of operating SS CW, and his fourth QRP victory in a row.

Out in the Pacific Northwest, Dan, K7MM, got back into the fray after a few years of inactivity and grabbed second place overall. Back east, Ed, K1TR, operating from K1DG in New Hampshire, took third place. Ed is a regular in the QRP Top Ten so it was a surprise to hear him exclaim, "I worked my first QRP Sweep ever." Ward, NØAX, activated the Boring Amateur Radio Club call K7RAT from N6TR's home to finish fifth. In sixth, John, N6MU operated from N6NB's contest station.

Unlimited and Multioperator Categories

Ken, K6LA, backed into victory lane on a last minute decision to turn on packet to find a VE9. Jim, N6IG, operating from the station of W6GO nudged out Dennis, K7BV, for second place.

The multioperator title was a photo finish between KØRF in Colorado and K9NS in Illinois. Log checking closed the margin of victory to just 12 QSOs, but KØRF and partner WØUA held on for the win. The K9NS team did earn a new Central Division record for their efforts. N6VR just got by Stanford University club station W6YX for third place. K8CC and friends finished fifth, while K2TW bested the East Coast for sixth place. The School category was another close race. KG4PDS, club station of the Nashville State Technical Institute, beat out W5YM at the University of Arkansas for the win.

Author's Notes

Thanks to the volunteer efforts of two people, the Sweepstakes has become one of the most automated and accurately checked contests of the year. Trey Garlough, N5KO, has worked with the ARRL to automate the log receiving and archiving process in order to make email log submissions as easy, secure, and reliable as possible. Larry "Tree" Tyree, N6TR, has computerized the checking process so that each log submitted is checked with equal precision and accuracy.

This write-up represents the first article that accompanies an extended contest report on-line at the ARRL Website. Remember to be logged on as a member to access the expanded results and reporting. The online results add some new innovations that enable participants to learn more and compare their efforts to others.

Top Ten

Single Operator, QRP		Single Operator, High Power		Multi-Operator	
W4PA	152,320	WP3R (KE3Q,op)	233,120	KØRF	216,800
K7MM	141,440	W5WMU (N6TR,op)	223,040	K9NS	214,880
K1TR	131,840	W4AN	221,920	N6VR	206,240
K7RAT (NØAX,op)	128,320	KH6J (KH6ND,op)	221,760	W6YX	202,400
N6MU (@N6NB)	121,920	NØNI (AG9A,op)	221,440	K8CC	197,920
K9AY	115,182	N2IC	218,560	K2TW	196,320
NØUR	114,036	N5RZ	214,880	K6AM	184,480
K7UP	109,810	WXØB (K5GA,op)	214,080	W7CT	178,720
K3TEJ	106,492	WØSD (WDØT,op)	212,800	N4TO	177,600
N7IR	102,068	W6EEN (N6RT,op)	212,160	KØBJ	170,720
Single Operator, Low Power		Single Operator, Unlimited		School Club (all categories)	
KØEU	188,800	K6LA	205,920	KG4PDS (KØEJ,op)	171,680
K7BG	188,320	N6IG	194,400	W5YM (N5DX,op)	168,000
N4ZZ	184,960	K7BV	190,400	N9UC (WO9S,op)	126,400
VA3UZ	180,800	W4MR (AA4NC,op)	188,000	WA5BU (K5LH,op)	107,016
K5WA	177,280	K6XX	177,600	NEØP	46,926
VE7CC	176,480	N9FH	171,680	KG4PQX	10,780
W7WA	174,880	WA6O	169,280	W9YB (WB9OFG,op)	8,282
NP2B (N4BP,op)	172,480	K3WW	168,160		
KL7Y (WA2GO,op)	171,746	N6ZS	168,000		
W8MJ	171,680	W6OAT	163,372		

Expanded ARRL Contest Results Now On-Line

Dan Henderson, N1ND, ARRL Contest Manager

If you are like most contesters—big guns and casual operators alike—you have probably wanted to spend some time comparing your performance in the contest against others. How did you do on 20 meters compared to the winners? Would more QSOs on 10 meters have allowed you to edge out your rival across the section or did you make a good decision to concentrate on 15? How did you place compared to everyone in your category, not just your section?

During the past few months, we have been hard at work developing expanded online resources for reporting on the ARRL contest program. Space limitations and the characteristics of print publishing have meant that QST has only been able to provide a small sampling of information about the contest, months after the event. Can you imagine being able to upload your comments and share them with others immediately after the contest? What about an on-line database that allows you to search various aspects of results that interest you? Would you be interested in an expanded article about each contest—something with some more detailed analysis, more sidebar stories, and more visual images?

We are pleased to announce expanded online coverage of ARRL contests via the ARRL Web site. Beginning with these results of the 2001 ARRL November Sweepstakes, we are adding several contest on-line features:

- An interactive, **searchable on-line database** of the results for each event. This database will include additional fields of interest, including band breakdowns for all participants, not just the top stations.
- More extensive **Soapbox** for each contest. This will allow participants to upload more detailed contest-related Soapbox comments about their experiences during the event, as well as photographs from the contest weekend.
- An **expanded version of the contest write-up** that appears in QST.
- Updated contest category records.

In addition we will continue to offer a downloaded PDF file of the QST article for the contest (as it becomes available), contest rules and forms, the ARRL contest calendar, and Contest Corral from QST. ARRL members may also subscribe to the *ARRL Contest Rate Sheet* biweekly e-mail newsletter.

Access to the expanded on-line coverage is available to ARRL members. You need to be logged on to *ARRLWeb* with your user name and password. The main Web site from which all expanded coverage will be linked is found at www.arrl.org/contests/results.

In the beginning, the expanded Web coverage of the

2001 SS CW Contest																
2001 November Sweepstakes (CW)																
#	Call	Score	QSOs	Mult	Class	Section	Check	Hours	160	80	40	20	15	10	Club	Ops
1	W1PFR (KCB3 Q,op)	233,120	1,457	80	B	FR	65	24	0	8	101	363	351	634		
2	W5WU (MOTR,op)	223,040	1,394	80	B	LA	67	24	0	46	582	218	412	141	CAJUN	
3	W4AM	221,920	1,387	80	B	GA	77	24	0	117	654	507	66	43	SECC	
4	KG8 (KHNHD,op)	221,760	1,386	80	B	PAC	66	24	0	0	177	345	216	748		
5	N1NLI (AG9A,op)	221,440	1,384	80	B	IA	77	24	0	154	486	356	253	135	SMC	
6	N2AC	219,560	1,366	80	B	CO	68	24	0	88	345	329	374	230		
7	K0RUF	216,800	1,355	80	M	CO	57	24	0	83	357	463	327	125		(+WOUA)
8	N5RZ	214,880	1,343	80	B	WTC	69	24	0	92	226	377	592	56	NTCC	
9	K6RS	214,880	1,343	80	M	IL	53	24	0	187	462	340	168	186	SMC	(K6RMB, I2SPW, K3QVB, K9CW, K9AA, op)
10	W0DB (K5GA,op)	214,000	1,338	80	B	NTX	60	24	0	91	520	338	195	194	TDMS	
11	W0SD (W0DT,op)	212,800	1,330	80	B	SD	62	24	0	74	451	383	180	242	SMC	

ARRL will be a "work in progress." Formats of the on-line portion of our contest coverage will be flexible, allowing us to improve its presentation as we try to keep it as "user friendly" as possible. As you explore the site, we welcome your feedback. Contact contests@arrl.org with your comments or suggestions or phone us at 860-594-0232.

Contesting has come a long way since the old paper logs, broken pencils and hand-scored results. The addition of expanded ARRL Contest Results on-line promises to take our contest reporting to the next level.

Scores

Within each Section, scores are listed in descending order by entry category, with single operators followed by multioperators. Line scores list call sign, score QSOs, multipliers, class (Q = QRP, A = Low Power, B = High Power, U = Single Unlimited, M = Multioperator, S = School Club).

Northern New Jersey																				
2																				
CW																				
W1EM	32,200	230	70	Q	K1G	58,240	364	80	U	Northern New Jersey			K2QMF	53,508	343	78	B			
W1XH	12,750	125	51	Q	Vermont			N2NT (N2NC,op)		N2GA	152,628	966	79	A						
K1TH	13,132	259	64	U	W1ECH	121,760	761	80	A	W2RO	208,320	1302	80	B						
W01N	23,836	202	59	U	Western Massachusetts			W2LE	82,160	520	79	B								
NK1L (+AG1C)					K5ZD	208,000	1300	80	B	K2JAY	42,480	295	72	B						
90,480	580	78	M	K1TTT (KB1W,op)					W2LRO	44,520	318	70	A							
Connecticut													K2WA	39,424	256	77	A			
W1WEF	179,840	1124	80	B	142,674	903	79	A	K2TWK	23,100	210	55	A							
K1WB	150,880	943	80	B	W1CSM	71,440	470	76	A	W2TI	21,008	202	52	A						
K1ZZ	85,272	561	76	B	W1TO	70,468	446	79	A	N2CG	18,676	161	58	A						
NT1N	44,496	309	72	B	K21M	67,184	442	76	A	N2LK	13,776	123	56	A						
W1EQ	19,824	177	56	B	2			KG2MV	10,998	117	47	A								
N4XR	19,430	145	67	B	Eastern New York			WA2ASQ	9,682	103	47	A								
W1RM	72,226	469	77	A	K2ONP	38,994	291	67	B	N2GM	8,556	93	46	A						
K1UQE	48,240	335	72	A	N2SQW	32,200	230	70	B	N2ZW	32,558	223	73	Q						
NX1Q	22,692	186	61	A	K2UF	126,560	791	80	A	N2NO	21,666	157	69	Q						
W1AMF	17,792	139	64	A	W2XW	89,930	545	77	A	W2JEK	14,632	124	59	Q						
K1KI	1,394	41	17	A	W2U1	14,994	147	51	A	W2BVH	9,696	101	48	Q						
K1RO	98	7	7	A	W2NRD	12,212	86	71	A	K2JT	1,720	43	20	Q						
N1TM	26,928	196	68	Q	K2RI	11,330	103	55	A	N2ED	83,582	529	79	U						
W1QK	19,320	161	60	Q	K2UDJ	12,342	21	51	U	W2NO	54,560	341	80	U						
N1XS	103,680	648	80	U	W2DK	8,352	87	48	A	K2TW (+W2GD)										
W1NRG (K1VDF,W1KFK,W1FD, W1TRY,W1YU,KB1CIW,N1RMA, K1EC,N1AP1,ops)	71,100	450	79	M	W2ODC	180	10	9	A	196,320	1227	80	M							
WS1F	13,800	92	75	M	W2EG	20,636	154	67	Q	AB2DE (KC2AVE,WB2UFF,ops)										
Maine													21,312	144	74	M				
K1PQS	29,348	253	58	B	K2SX	143,938	911	79	U	Northern New York			NS2P	23,296	182	64	A			
N1YS	115,360	721	80	A	W2RE	68,018	479	71	U	N2BO	18	3	3	A						
KX1E	73,146	501	73	A	W2WC	28,160	176	80	A	W2ZT	42,480	295	72	Q						
K3UOC	62,456	422	74	A	K2US	12,342	21	51	U	N2JNZ	16,520	140	59	Q						
K1FQ	41,440	296	70	A	K2UJ (K2J1,W2AJQ,ops)	12,772	787	78	M	W2NMY (NT2W,op)										
K1SMF	25,500	170	75	A	W2MU (W2IX,W2XL,ops)					94,560	591	80	M							
K1JB	10,098	99	51	A	113,724	729	78	M	K2NMY (K2DB,K2CS,W2FE, NG2P,ops)											
W1QHG	26,230	215	61	Q	N2POS (KC2FQ,op)					65,886	417	79	M							
W1AO	36,480	228	80	U	W2ENY	47,740	310	77	M	63,218	433	73	M							
New Hampshire													NYC-Long Island			N2GC	64,824	444	73	B
WC1M	195,360	1221	80	B	Western New York			N2CU	166,720	1042	80	B								
W1VE	117,710	745	79	B	N2CJ	166,720	1042	80	B	N2CM	72,416	496	73	B						
KC1F	54,288	348	78	B	N2CS	20,900	190	55	B	N2MZ	20,900	190	55	B						
WE1USA	155,040	969	80	A	N2MG	15,070	137	55	B	N2MT	15,070	137	55	B						
K2HVN	23,200	145	80	A	N2WZ	15,838	961	79	A	N2WY	123,872	784	79	A						
AE1D	7,138	83	43	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
AC1J	1,188	27	22	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
W1DAD	120	10	6	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
W1AB	2	1	1	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
K1TR	131,840	824	80	Q	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
AA1CA	58,460	395	74	Q	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
K1HI	47,520	330	72	U	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
W1AAX (+K1RX,KF1V,K1EPJ)	163,520	1022	80	M	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
Rhode Island													N2WZ	15,838	961	79	A			
N1SW	138,372	887	78	B	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
KM1X	149,310	945	79	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
AB1BX	40,040	308	65	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
K1VSV	32,232	237	68	A	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						
K3IU	67,150	425	79	Q	N2WZ	15,838	961	79	A	N2WZ	123,872	784	79	A						

7	K7WA	782	23	17	Q	WA0AVL	102,336	656	78	B	K9WJUJ (W9CG,op)	5,904	82	36	A	AC0W	58,984	404	73	A
Alaska	W7OM	112,022	709	79	U	W9ZV	65,728	416	79	B	N4IY	17,110	145	59	Q	N0HLZ	47,952	333	72	A
KL7Y (WA2GO,op)						W9FX	65,600	410	80	B	W9FHA	7,636	83	46	Q	K4IU	45,072	313	72	A
KL7WV (W3YQ,op)	1087	79	A			K9UHU	38,056	268	71	B	K9UJ	118,092	757	78	U	K0LIR	45,724	322	71	A
50,024	338	74	A			W9YU	18,090	201	45	B	W9TN	49,126	319	77	U	WA0RBW	42,980	307	70	A
19,398	159	61	A			W9AX	11,500	115	50	B	WB0JF	38,868	246	79	U	K0TK	39,882	289	69	A
AL7R (+AL7Q,KL7J,KL7VC)	26,788	181	74	M		K9JLS	2,184	42	26	B	W9APIE	29,016	186	78	U	WB0UKI	35,200	275	64	A
						K9ZO	148,160	926	80	A	K8JP	28,424	187	76	U	K3WT	33,150	255	65	A
						K9XZ	143,040	894	80	A	W9YB (WB9OFG,op)	8,282	101	41	S	N0BM	29,946	217	69	A
						K9UIY (@WB9Z)	141,410	895	79	A						K0KGS	24,780	210	59	A
							136,000	850	80	A						KN0V	16,218	153	53	A
							131,975	846	78	A						WA0WV	15,498	123	63	A
							118,026	747	79	A						K0NY	9,888	103	48	A
							114,720	717	80	A						N0MY	8,686	101	43	A
							104,208	668	78	A						WA0DTH	8,568	102	42	A
							101,440	634	80	A						WA2HTI	3,850	55	35	A
							112,164	718	79	A						WB0TRA	2,560	40	32	A
							106,176	672	79	A						N0JUR	114,036	731	78	Q
							85,794	543	79	A						AA0ZZ	62,928	414	76	Q
							80,580	510	79	A						N0HRL	13,750	125	55	Q
							76,350	509	75	A						K0TOR	124,586	809	77	U
							69,920	460	76	A						W0GM	11,526	113	51	U
							58,546	401	73	A						K0JA	51,538	353	73	M
							58,520	385	76	A										
							48,528	337	72	A										
							47,952	324	74	A										
							46,718	329	71	A										
							46,428	318	73	A										
							43,736	284	77	A										
							39,336	298	66	A										
							38,556	306	63	A										
							37,788	282	67	A										
							36,920	260	71	A										
							36,778	259	71	A										
							32,982	239	69	A										
							32,860	265	62	A										
							29,394	213	69	A										
							24,960	192	65	A										
							24,720	206	60	A										
							24,208	178	68	A										
							23,450	175	67	A										
							17,920	160	56	A										
							14,628	138	53	A										
							11,128	107	52	A										
							10,710	105	51	A										
							10,464	109	48	A										
							6,532	71	46	A										
							4,624	73	44	A										
							3,500	50	35	A										
							1,012	23	22	A										
							448	16	14	A										
							75,924	513	74	Q										
							36,018	261	69	Q										
							28,854	229	63	Q										
							28,420	203	70	Q										
							49,700	325	70	B										
							48,852	354	69	B										
							12,720	120	53	Q										
							8,544	89	48	Q										
							7,708	94	41	Q										
							84,800	530	80	U										
							197,920	1237	80	M										
							160,370	1015	79	M										
							30,030	231	65	M										
							175,040	1094	80	B										
							65,296	424	77	B										
							49,700	355	70	B										
							48,852	354	69	B										
							46,866	321	73	B										
							146,720	917	80	A										
							141,094	893	79	A										
							139,520	895	78	A										
							103,452	699	74	A										
							73,612	478	77	A										
							73,568	484	76	A										
							57,442	373	77	A										
							49,202	337	73	A										
							40,470	285	71	A										
							37,576	244	77	A										
							32,830	245	67	A										
							30,780	270	57	A										
							21,808	188	58	A										
							21,312	148	72	A										
							18,300	150	61	A										
							17,710	161	55	A										
							11,858	77	77	A										
							10,918	103	53	A										
							5,508	81	34	A										
							4,788	63	38	A										
							51,552	358	72	Q										
							48,048	312	77	Q										