

# 2010 IARU HF World Championship Results

Thousands keep finding HF fun in July.

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The write-up from last year's results started with the following statement: "In spite of being in the deepest solar minimum of our lifetimes, contesters came out in record numbers to participate in this increasingly popular summer event." Well, the sunspots weren't that much better in 2010 than 2009 (more on that later), but the number of logs received again set a new record. 3714 logs were received, which is up almost 10% from last year's 3404 submittals.

## What is Making IARU HF Increasingly Popular?

You've probably participated in some of the "smaller" contests — like the friendly North American QSO Parties sponsored by the

*National Contest Journal* ([www.ncjweb.com](http://www.ncjweb.com)) and your state's QSO party. You might have done fairly well in those events but want to ramp up your contesting endeavors to the bigger contests — that is, get your feet even wetter in contesting. If you're in this category, you might want to try the IARU HF World Championship this coming July.

Chris, AI4AW, summarized it nicely in his Soapbox comments on the July 10-11, 2010 event ([www.arri.org/contests/soapbox](http://www.arri.org/contests/soapbox)) by saying, "What makes the IARU contest fun is everyone works everyone, we get to operate both CW and phone, the exchange is simple, we get to work HQ stations and receive their nifty QSLs through the bureau, and it's a 24 hour contest. It's also during the summer break which allows

busy college students to take it seriously."

Throw in the fact that almost two-thirds of the participants were entered in the Low Power category (less than or equal to 150 W) and that means your modest station will be on par with the majority of the competitors. Get your antennas ready (even better, make some improvements to your antenna farm) and join in the fun this July.

## Logs, Zones, QSOs, Bands

As mentioned earlier, the 2010 event set a new record in log submittals. Figure 1 shows the number of logs submitted by year. No doubt the World Radiosport Team Championship 2010 (run within the IARU HF World Championship) contributed to more log submittals but it's pretty

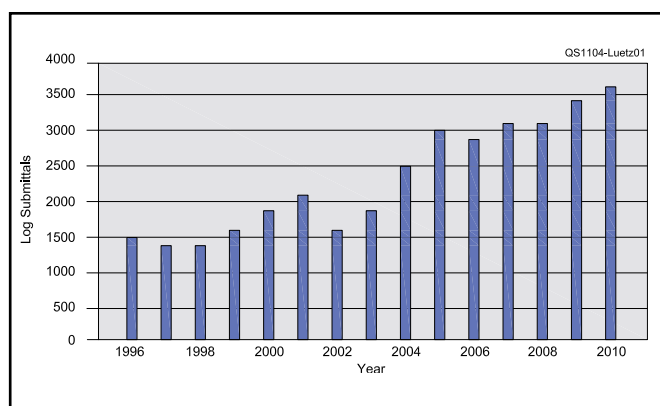


Figure 1 — Logs submitted by year

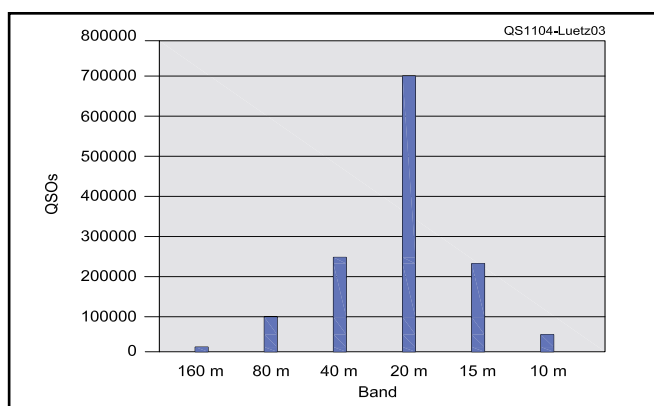


Figure 3 — Number of QSOs by band

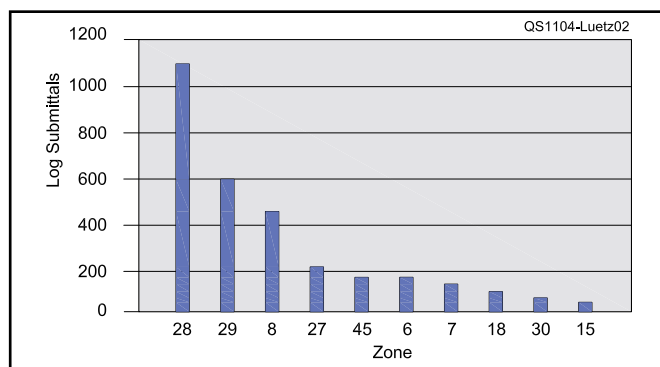


Figure 2 — Logs submitted by zone

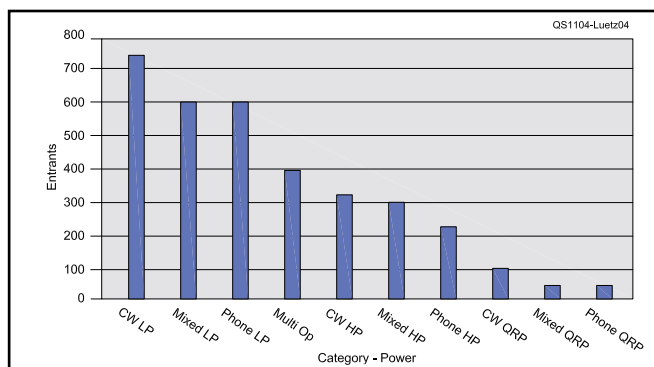


Figure 4 — Entrants by category and power





## Continental Leaders by Category

For class: A=Mixed Mode, B=Phone Only, C=CW Only, D=Multioperator. For power: A=QRP, B=Low Power, C=High Power

Call	Score	Class	Power	Call	Score	Class	Power	Call	Score	Class	Power	Call	Score	Class	Power
<b>Africa</b>				<b>Europe</b>				<b>North America</b>				<b>South America</b>			
EA8BQM	62,040	A	B	OK7CM	395,328	A	A	VP50V	659,450	A	B	DU1AV	126,996	B	C
EC8AFM	13,821	A	B	US2IZ	235,382	A	A	(W5CW, op)				VK4GH	17,507	B	C
CN8VO	10,575	A	B	DR2Q				H7A				9M6YBG	140,630	C	B
EA8CMX				(DL8MBS, op)	151,156	A	A	(YN4SU, op)	111,873	A	B	YB3XM	49,842	C	B
(OH2BYS, op)	2,944,200	A	C	HG0R				UW1M				VK2GR	35,165	C	B
VQ90JC				(HA0NAR, op)	1,426,500	A	B	(UR5MW, op)	2,443,716	C	C	NH2T			
(VQ9JC, op)	236,800	A	C	OL6P	1,053,949	A	B	RT4F	4,226,220	D	C	(N2NL, op)	1,032,669	C	C
EA8CNR	132,600	B	B	HG10P				OH4A	3,707,304	D	C	VK4EMM	357,555	C	C
D2QMN	20,832	B	B	4O3A				HG8DX	2,376,990	D	C	ZM2B			
CT3KU	10,122	B	B	(UT5UDX, op)	3,573,079	A	C				(ZL2BR, op)	197,736	C	C	
CR3L				RG3K							ZM4G				
(DJ6QT, op)	1,252,968	B	C	(UA3QDX, op)	2,695,210	A	C				(ZL2IFB, op)	349,885	D	C	
ZS5NK	17,836	B	C	DL1IAO	2,361,174	A	C				ZL2JU	216,360	D	C	
CT3HF	9,664	B	C	HG1W	243,906	B	A				KG6DX	109,956	D	C	
EA8DA	286,740	C	B	HA5KDQ											
CN8YR	7,326	C	B	(HA5NB, op)	94,560	B	A								
V51YJ	3,640	C	B	RD3AJB	80,289	B	A								
CR3E				HA3DX											
(CT1BOH, op)	3,677,208	C	C	(HA4XH, op)	1,011,974	B	B								
ED8T				EM7L											
(EA8AY, op)	813,375	C	C	(UT7XX, op)	835,582	B	B								
ZS1EL	35,259	C	C	RW1CW	719,590	B	B								
CR3T	3,116,464	D	C	HG8R	2,024,145	B	C								
<b>Asia</b>				<b>Oceania</b>											
JR3RWB	108,460	A	A	YL7A	1,837,000	B	C								
RK9DO	30,267	A	A	ES5RW	1,634,816	B	C								
JK1TCV	6,562	A	A	HA8BE	588,838	C	A								
RL9AA	1,394,584	A	B	HA1ZH	463,541	C	A								
RW9C	709,136	A	B	HG5A											
UA9CMQ	581,658	A	B	(HA7AP, op)	433,552	C	A								
RC9O	3,061,970	A	C	EF3A											
RA9CKQ	1,894,405	A	C	(EA3KU, op)	1,545,328	C	B								
ZC4VJ	1,005,123	A	C	SM5IMO	1,356,277	C	B								
JA2MWW	8,446	B	A												
7Z1SJ	506,077	B	B												
P39P															
(5B4AIP, op)	324,478	B	B												
RX9FR	135,315	B	B												
RN7F	1,557,828	B	C												
A61BK	896,235	B	C												
RA9AU	519,861	B	C												
RW4AA/9	148,120	C	A												
RD9CX	148,002	C	A												

28 gives you the best chance due to the population density and point structure of the scoring format. Likewise, Zone 8 gives a W/VE station the best chance of winning. Of course there are a few exceptions, but the data tells the story.

### Propagation

The 10.7 cm solar flux was in the low 80s during the contest period. It certainly could have been better to give some spice to 15 and 10 meters. At least Cycle 24 is on the rise. And thank goodness the geomagnetic field was quiet over the contest weekend with the 3-hour K index at 2 or below, including high latitudes!

What's most important is the smoothed sunspot number, as it is correlated to the state of the ionosphere in our propagation prediction programs. As long as the smoothed sunspot number (or the smoothed 10.7 cm solar flux) is on the rise, propagation should get better. So this year's contest should offer improved high-band propagation. I think we're all anxious for that!

### W1AW/8

For the 2010 contest, the South West



The W1AW/8 75 meter team of operators at K8DV — (left to right) AA8HH, K8CR, K8DV, AA8MC.

## Extended Writeup — More Online!

There is a lot more in the online version of this article at [www.arrl.org/contests](http://www.arrl.org/contests). Winning stations are listed individually along with more scoring and record tables. You'll also find a set of contributions by the operators of the W1AW/8 Headquarters-category stations describing the contest from their point of view. Soapbox photos and comments are also available at [www.arrl.org/contests/soapbox](http://www.arrl.org/contests/soapbox).

COURTESY DAVID VEST, K8DV

Ohio DX Association (SWODXA) hosted the W1AW HQ stations — six stations scattered throughout southwest Ohio. See the online version of this article for a full description and photos.

### Disqualifications

The YPØA team (YO8WW, YO8SS, YO8DDP, YO8TOH, YO8OW, YO8BIG, YO8DOH and YO8TRC) was disqualified from the 2010 IARU HF contest for claiming credit for false QSOs while also generating and submitting multiple fake logs. Please play by the rules, people — enough said? Is winning so important to you that you won't play by the rules?

### Check Logs

There were 282 logs relegated to check logs. Thanks to all who ended up in this pile. These logs do help the log checkers, so please submit your log regardless of your score.

### 2011 Contest

As a reminder, the 2011 contest will be held on the second full weekend of July — which puts it on July 9 and 10. I hope to work you in the contest!

