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Vice-President
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- Craig Rose KCØYHU

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AUGUST 2010

WOW! WHAT A FIELD DAY

The 2010 DMRAA/ARTS Field Day netted 1,036 contacts this year, despite soaring temperatures and early-morning thunderstorms on Sunday. This surpassed last year's number of 915 contacts. W0AK operated all over the spectrum, from 80 meters to 6 meters.

PowerFilm Solar of Ames erected an impressive 1 kW military-grade Solar Shade for our use over the weekend, providing electricity for most of our Field Day equipment. A crew of five

PowerFilm employees erected the structure in about 45 minutes Friday night.

Two dignitaries also visited the site: Joyce Flinn, the Readiness and Response Bureau Chief for the Iowa Homeland Security and Emergency Management Division;

and Lt. Col. Kevin Plagman of the Iowa National Guard. Both took a tour of the Field Day site and learned the purpose and goals of the Field Day event, and then visited with operators.

Even though we competed for

visitors with the USA Track and Field Championships at Drake and the Des Moines Arts Festival downtown, we had an impressive visitor turnout at Big Creek -- including lots of new hams or hams that have recently moved to the Des Moines area.



Nolan, KDØLJO and Dennis, KAØDOS work a contact

Continued page 6

Banner Year for New Hams!

With more than 18,000 new amateur radio licenses issued in the first half of this year -- 18,270 to be exact -- 2010 is shaping up to be a banner year for amateur radio. So far, the number of new licenses issued by the FCC in 2010 is outpacing the January-June 2009 totals by almost 8.5 percent; at this time last year, the FCC had issued 16,844 new licenses.

In 2009, a total of 30,144 new licenses were granted, an increase of almost 7.5

percent from 2008. In 2005, 16,368 new hams joined amateur radio's ranks -- just five years later, that number had increased by almost 14,000, a whopping 84 percent! The ARRL VEC is one of 14 VECs who administer amateur radio license exams.

Comparing 2010 to 2009, the only month that had higher li-

cense totals in 2009 was January: 1960 licenses were issued in January 2009, compared with 1726 in January 2010. Beginning in February, 2010 showed higher new license numbers: 2263 in February 2010 versus 2749 in February 2009; 3463 in March 2009 compared with 3734 in March 2010; 3430 in April 2009 compared with 3508 in April 2010; 2717 in May 2009 compared

Continued page 8





Come enjoy the fellowship

DMRAA
meetings are
the 4th
Tuesday of
the month.
Be sure and
mark your
calendars!



Upcoming Meetings

Military Auxiliary Radio System

Tuesday, July 27th 7:00 PM

Dennis Gabler NNØ/BQG/W5BG

Plymouth Congregational Church
42nd & Ingersoll
Waveland Room



The **Military Auxiliary Radio System (MARS)** is a United States Department of Defense sponsored program, established as a separately managed and operated program by the United States Army, Navy, and Air Force. The program is a civilian auxiliary consisting primarily of licensed amateur radio operators who are interested in assisting the military with communications on a local, national, and international basis as an adjunct to normal communications. The MARS programs also include active duty, reserve, and National Guard units; Navy, Marine Corps, and National Oceanic and Atmospheric Administration ships, and Coast Guard cutters and shore stations.

Future Meetings

George, KK7FM is looking for meeting ideas and presenters. Please feel free to make suggestions and offer to help with a presentation.

August 24th

Ray Harden, KCØKDS is promising an interesting demonstration / discussion of Winlink 2000 and other packet type programs. Ray a former Iowan now resides in Florida and uses these programs to get and send email while sailing around the Florida Keys.



Recent Meetings

Dean, NØXR got everybody pumped up for Field Day with his presentation on logging at the June meeting. The presentation required audience participation in both keyboard and microphone skills. Thanks Dean.





**Giving back through
community service**

Scott Kirstein
NØOOD

Polk County ARES EC
515 490-7414 (cell)
n0ood@arrl.net

Polk County ARES Meetings
Johnstone Supply Classroom
(2nd floor)

11000 Justin Drive
Urbandale, IA 50322



Polk County ARES



ARES NEWS & UPDATES

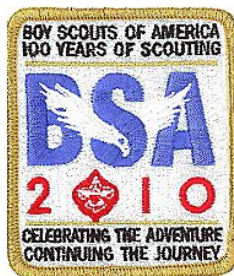
Dan Miller ACØOF has announced that Scott Kirstein NØOOD has accepted the position of Polk County A.R.E.S. EC.

During the recent A.R.E.S. meeting Scott fielded questions comments and suggestions for improving the service that A.R.E.S. provides to the Des Moines area. A major topic of discussion centered on encouraging more amateur operators to participate in the service and training opportunities. If you have suggestions or would like to help, please contact Scott.

Several events are coming up in the next 3 months. Have a look at the list below and if you could lend a hand be sure and contact Scott.

FCC Rules that Amateurs May Participate in Non- Government-Sponsored Drills by Employers

In a *Report and Order (R&O)* released Wednesday, July 14, the FCC stated that under new guidelines, amateurs employed by non-governmental agencies, such as hospitals, may participate and operate in drills sponsored by their employer. Specifically, the FCC will now permit Amateur Radio operators "to transmit messages, under certain limited circumstances, during either government-sponsored or non-government sponsored emergency and disaster preparedness drills, regardless of whether the operators are employees of entities participating in the drill." More information will be posted on the ARRL Web site.



The Boy Scout 100th Year encampment in Waterworks Park September 18th, will be a demonstration station event. Power-Films will be providing a 2000 watt Power Shade which will power the several planned stations. The DMRAA and the ARTS clubs will be assisting. The National Weather Service will have an informational table promoting Skywarn. Contact Scott Kirstein NØOOD if you'd like to help. Keep in mind we will also need help with the Asthma Walk September 18.

ARES MEETING DATES

October 11, 2010



2010 ARES Events

Big Creek Triathlon
August 8
Lung Association at Principal
Park August 13
State Fair Parade, August 12
MS150 TBA, August 28—29
Asthma Walk September 18
Boy Scout 100th Birthday
Event September 18

Head of Des Moines Rowing
Regatta, September 25
Get Your Rear In Gear 5K run
October 9
Des Moines Marathon ,
October 17
Living History Farms Cross
Country Race, November 20

2010 —2011 DMRAA Calendar

DMRAA Calendar 2010

MARS Radio

Plymouth Congregational
Church
42nd & Ingersoll
Des Moines
7:00PM
Waveland Room

General Meetings and Events

27 July 2010
24 August 2010
28 September, 2010
26 October, 2010
23 November, 2010
Chili Feed / Auction
7 December, 2010
Christmas Party
25 January, 2011
22 February, 2011
22 March, 2011
26 April, 2011
24 May, 2011

Board Meeting Dates

3 August 2010
7 September 2010
5 October 2010
2 November, 2010
4 January, 2011
1 February, 2011
1 March, 2011
5 April, 2011
3 May, 2011
7 June, 2011
5 July, 2010
3 August, 2011



**You now have the option
of paying for up to 3
years when renewing
your membership in the
DMRAA.**

1 Year = \$20

2 Years = \$40

3 Years = \$60

**See Bill Claypool NØUQ
for details.**

President's Soapbox:

Since this is my first shot at the President's column, I would like to thank the membership for the honor of selecting me (even though it probably had something to do with me being out of the country at the time). I will try to live up to the impossibly high standard of leadership set by Tom Reis, NØVPR, over the previous couple of years. Although we would all probably like to keep him in place, I think Tom was right in suggesting that the club needs change in order to grow. Change forces people out of their comfort zones and brings new talent to the fore. This is good both for the club, and for those who allow themselves to be stretched.

I have inherited the club in pretty solid condition. I would like to build on that foundation by increasing club members' participation in activities and in the committees that make them happen. A favorite phrase of mine is this: "Participation breeds participation." Imagine you are walking down the street and you come on a small group of people huddled in obvious enjoyment of something. Don't you feel com-



pelled to check out what they are doing and possibly join in? And, even if you know nothing about what they are doing, don't you at least consider that you might want to learn more? Within Ham Radio, and within our club, there are such clusters of enthusiasts. Please don't resist the temptation to join in. Our club does many things well. The DMRAA support of public service is exemplary. Our Hamfest is a focal point of the spring for many central Iowa Hams. Field Day is another. A small group is trying to bring us into the 21st century with digital voice (D-STAR). There are other areas of Ham Radio that are not as visibly active,

locally. If you have an interest, please let us see you because others may want to join you. Or, sign up to participate in committees doing work that you don't know enough about—it's a good way to bring yourself up to speed.

Speaking of Field Day, FD 2010 is done and there are entirely too many people to notice here. For those of you who missed it, well, you missed it. Maybe next year. Our QSO totals were up from last year. We ate well. Set-up and take-down went very smoothly. Special thanks to PowerFilm for setting up their 1 kW "Solar Shade" tent, which provided a real focal point for our Field Day operations this year. I would love to build on this year's success. What form that will take awaits input from the membership. I even harbor the fantasy that one year, we will get NØVPR past his "mike fright" on the HF radio.

73 de KK7FM, George

Making a

change is

easy.

Making a

difference,

now there is

a challenge!



Have you
checked into a
net lately? →

ARES Nets

serve several purposes

- Operator training
- Training of Net control operators
- Passing formal traffic

Please check in!

Area Nets

AMES

| | | | |
|-----------|------------------|--------|----------------------------|
| Sunday | 147.240+ | 7:00pm | Story County ARES Net |
| Wednesday | 147.375+ t 114.8 | 9:00pm | Cyclone Amateur Radio Club |

BOONE

| | | | |
|--------|----------|--------|-----------------------|
| Sunday | 146.850- | 9:00pm | Boone County ARES Net |
|--------|----------|--------|-----------------------|

DES MOINES

| | | | |
|----------|------------------|------------------|----------------------------|
| Sunday | 146.940- t 114.8 | 8:00pm | Central Iowa ARES Net |
| Sunday | 146.940- t 114.8 | follows ARES net | Central Iowa technical Net |
| Sunday | 146.820- t 114.8 | 9:00pm | ARTS Net |
| Thursday | 146.940- t 114.8 | 7:00pm | Polk County ARES Net |

(note) The Des Moines Sunday night nets are available thru the Shehdahl 147.075+ t 114.8 repeater

MARSHALLTOWN

| | | | |
|--------|------------------|--------|------------|
| Sunday | 147.135+ t 141.3 | 6:00pm | CIRAS Net, |
|--------|------------------|--------|------------|

WEBSTER CITY

| | | | |
|--------|----------|--------|--------------------------------|
| Monday | 147.015+ | 7:00pm | Hamilton County Radio Club Net |
|--------|----------|--------|--------------------------------|

STATEWIDE NETS

| | | | |
|-----------------|---------|----------------------------------|--------------------------------|
| Monday—Saturday | 3,970 | 12:30pm & 5:30pm (6:00pm summer) | Iowa 75 Meter Traffic Net |
| Sunday | 3,970 | 5:30pm (6:00pm summer) | Iowa Traffic and Emergency Net |
| Monday | 3,990.5 | 5:30pm (1st Monday of the month) | Iowa RACES Net |

Amateur Radio Testing Sessions

Des Moines 1:00pm

September 19
November 21
Registration starts at 12:30 PM
(no admittance after 1pm)
Location: Johnstone Supply
Classroom (2nd floor)
11000 Justin Drive
Urbandale, IA 50322
Contact: Rick Allen NØCFL
(515) 795-2162
n0cfl@arrl.net

Ames 7:00pm

No dates announced
Location:
1304 Howe Hall, Iowa State
campus
Contact:
George Oster, NP2N
515-233-3535

Boone 9:00am

August 14,
October 9
December 11
Location:
Kruck P&H Warehouse Office,
807 6th St., Boone, Iowa
Talk-In: 146.850
Contact:
Steve NØNEU
(515) 432-4006

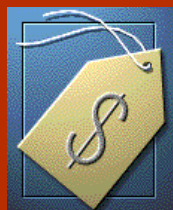
Ankeny 2:00pm

1st Saturday of the month,
Location:
Ankeny Public Library
1210 NW Prairie Ridge Dr.
Ankeny, Iowa
Contact:
Joe Leto WØIW
515-250-2108

Need to find a new home for your extra gear?

The Buy, Sell & Trade page may be your answer. This service is offered to DMRAA members.

Contact
Tom, NØVPR
n0vpr@arrl.net



HAM Buy & Sell

Buy sell?

Field Day, Continued from page 1

The DMRAA would like to thank everyone who helped with setup, tear-down, operating and also to all of the visitors that made a trip to Polk City to see what amateur radio was all about!

If you would like to be on the Field Day committee to help plan next year's W0AK Field Day, see a DMRAA board member or e-mail us at info@dmraa.com. Planning is already underway for next year's event!

Do you have pictures you want to share with us? E-mail them to info@dmraa.com with your name and callsign (if applicable) for proper credit.

Winthrop Mager Award Nominations

The Winthrop Mager award is presented annually at the club's December meeting. The award is given to a club member that exemplifies Amateur Radio and service to the club. Please submit your nomination to George Noble KK7FM. Be sure and include why you believe that your nominee deserves the award.

the virtual Static Sheet

of the Des Moines Radio Amateurs' Association

Stay up to date with club news.
Go to dmraa.com for the latest.

Time to Eat?

Hungry and looking to meet local hams? Friday's at the City Buffet on University (next to Toys R Us) a group of hams meet for lunch. This is an informal meeting and provides

an excellent opportunity to pass information while enjoying a nice selection of Chinese cuisine. The group usually arrives around



11:45 and breaks up at about 1:00. All are welcome, including family members.

Caution! Considerable amount of amateur radio topics will be discussed.



Ham Radio

in the 21st Century

Board Meeting Minutes

June 9, 2010

The meeting convened at 7:04 p.m. with all elected officers and board members in attendance.

Guests in attendance:

John Eckard, KCØGFY

Old Business:

Field Day 2010: Bruce reported that all major items were arranged and only a couple small items needed coordinated. Kevin reported that media blitz would be the week prior to Field Day. Ron reported that the ARRL handouts would be in Wednesday June 16th. Saturday lunch will be provided by the club with Saturday supper would be a potluck.

Hamfest 2011: Ron reported that he had conducted a walk-through of the Elwell Center. He reported that while it is larger than the Walnut Center and has a covered entrance area it does not have rooms large enough for testing or seminars. It was passed that we would reserve the Elwell Center and the Maytag Family center for testing.

New Business:

Board meeting site: It was decided that the meeting site would remain at its current location.

Committee Assignments: Merged Public Relations with Com-

munications. Programs/George, Public Relations/Kevin, Hamfest/Ron and Bruce, Education/Dennis, Repeaters/Dean, Membership/Chuck, Christmas Party/Dennis, Chili Feed and Auction/Craig

Treasurer's Report:

\$8,626.23

Subcommittee Reports:

Public Relations: Governor Culver again has declared the week before Field Day to be Amateur Radio Awareness Week.

Education: Dennis has submitted paperwork for a Technician Class with the Des Moines Adult Education to Start in October.

Repeaters: A hard drive had to be placed in the Packet computer located at Lutheran Hospital

Other Business:

Field Day food costs: The ARTS club offer was accepted to split half the cost of the food for field day.

Church meeting site: It was passed to increase the donation for the use of the church for the club meeting from \$200.00 to \$300.00 per year when next paid. Bill was researching when we traditionally paid.

The meeting adjourned at: 8:30 p.m.

July 6, 2010

The meeting convened at 7:00 p.m. with all elected officers and board members in attendance with the exception of Kevin Sanders, KØKDS and Dean Madsen, NØXR.

Guests in attendance:

Tom Reis, NØVPR

Old Business:

Field Day 2010 review: A discussion was held on what went well and what didn't. We had more operators than last year, several new or visiting operators. Power Films panel allowed for a larger venue area and a lot of interest. Possibly change to a 3A station for next year. Had the wrong power supply for the GOTA station at first which reduced operation.

Hamfest 2011 venue: Ron reported that it might be more expensive than originally thought. Both the Elwell and Maytag center have a verbal reservation. He was going to do some more checking on prices to have the whole Maytag center instead of just one room. This would allow a room for testing and rooms for forums to be held.

New Business:

Membership committee duties: A discussion was held as to what they should be. They are to include actively pursue membership

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The Des Moines Radio Amateurs Association board meets monthly in the community room at Dahl's 33rd & Hubbell

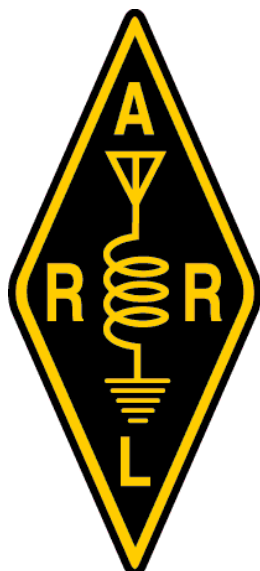
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with 3136 in May 2010, and 3011 in June 2009 versus 3417 in June 2010.

As of June 30, 2010, there are 694,346 licensed amateur radio operators in the US, an almost 1 percent rise over all of 2009. In 2009, there were 682,500 licensed amateur radio operators in the US, an almost 3 percent rise over 2008. In 2008, there were 663,500 licensed amateurs; there were 655,800 in 2007. Broken down by license class at the end of June 2010, there were 16,299 Novices, 342,064 Technicians, 154,284 Generals, 60,059 Advanced and 121,640 Amateur Extra licensees.

"The ARRL VEC has been busy meeting the needs of the amateur radio community by helping people to become radio amateurs or upgrade their existing licenses," said ARRL VEC Manager Maria Somma, AB1FM. "So far in 2010, ARRL VEs have administered 20,929 exam elements at 3600 ARRL VEC-sponsored exam sessions. The number of amateurs who want to be Volunteer Examiners and who want to teach amateur radio classes is also going up -- we've seen a spike in the number of applications from General and Extra class radio amateurs who want to give back to their community by serving as ARRL examiners and instructors."

-- From the ARRL



Board Minutes Continued from page 7

renewal, Ideas on how to gain new members. Work with the secretary to develop a list of current and past members along with a list of non-members.

Treasurer's Report:

\$8,590.88

Subcommittee Reports:

Programs: July on MARS, August on Echo Link and Airmail

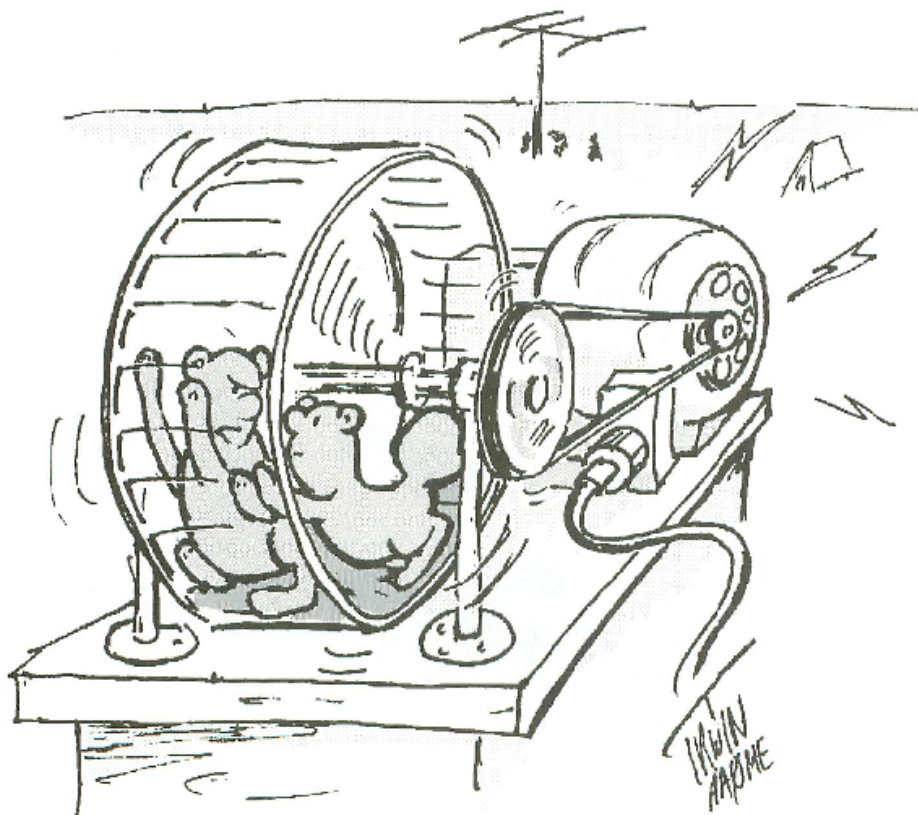
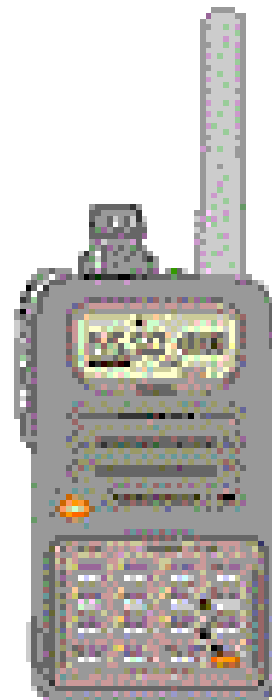
Education: Dennis has not heard back on submission for Oct 14th start of class

Repeaters: Packet radios at Lutheran Hospital to be tuned

Chili Feed/Action: November 23rd

Christmas Party: Dec 7th at same location as last year

The meeting adjourned at: 9:10 p.m.



'I really hate Field Day!'

Field Day Stats

ARTS & DMRAA Field Day 2010 Statistics

QSO Breakdown by Band and Mode

| W0AK | | | |
|-------|-----|-----|-------|
| Band | CW | SSB | Total |
| 3.5 | 0 | 1 | 1 |
| 7 | 142 | 41 | 183 |
| 14 | 405 | 164 | 569 |
| 21 | 124 | 129 | 253 |
| 28 | 0 | 0 | 0 |
| 50 | 0 | 25 | 25 |
| Total | 671 | 360 | 1031 |

| W0SCI (GOTA) | |
|--------------|-----|
| Band | SSB |
| 7 | 3 |
| 14 | 2 |
| Total | 5 |

Totals

| Call | CW | SSB | Total |
|-------|-----|-----|-------|
| W0SCI | 0 | 5 | 5 |
| W0AK | 671 | 360 | 1031 |
| Total | 671 | 365 | 1036 |

Comparison

| Year | PSK31 | CW | SSB | Total |
|-------------------------|-------|-----|------|-------|
| 2008 | 0 | 658 | 51 | 709 |
| 2009 | 1 | 671 | 243 | 915 |
| 2010 | 0 | 671 | 365 | 1036 |
| 2009 – 2010 % Change | -100% | N/C | +50% | +13% |

W0AK QSO Breakdown by Date, Hour and Band

| Date | Hour | Total | 3_5 | 7 | 14 | 21 | 28 | 50 | Running Total |
|-----------|------|-------|-----|-----|-----|-----|----|----|---------------|
| 6/26/2010 | 18 | 31 | 0 | 0 | 27 | 0 | 0 | 4 | 31 |
| 6/26/2010 | 19 | 49 | 0 | 0 | 41 | 8 | 0 | 0 | 80 |
| 6/26/2010 | 20 | 39 | 0 | 0 | 37 | 2 | 0 | 0 | 119 |
| 6/26/2010 | 21 | 54 | 0 | 0 | 42 | 6 | 0 | 6 | 173 |
| 6/26/2010 | 22 | 64 | 0 | 0 | 45 | 17 | 0 | 2 | 237 |
| 6/26/2010 | 23 | 93 | 0 | 0 | 42 | 51 | 0 | 0 | 330 |
| 6/27/2010 | 0 | 97 | 0 | 0 | 70 | 26 | 0 | 1 | 427 |
| 6/27/2010 | 1 | 68 | 0 | 0 | 54 | 8 | 0 | 6 | 495 |
| 6/27/2010 | 2 | 67 | 1 | 0 | 52 | 11 | 0 | 3 | 562 |
| 6/27/2010 | 3 | 55 | 0 | 8 | 47 | 0 | 0 | 0 | 617 |
| 6/27/2010 | 4 | 46 | 0 | 10 | 36 | 0 | 0 | 0 | 663 |
| 6/27/2010 | 5 | 25 | 0 | 16 | 9 | 0 | 0 | 0 | 688 |
| 6/27/2010 | 6 | 14 | 0 | 12 | 2 | 0 | 0 | 0 | 702 |
| 6/27/2010 | 7 | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 717 |
| 6/27/2010 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 717 |
| 6/27/2010 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 717 |
| 6/27/2010 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 717 |
| 6/27/2010 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 717 |
| 6/27/2010 | 12 | 7 | 0 | 6 | 1 | 0 | 0 | 0 | 724 |
| 6/27/2010 | 13 | 81 | 0 | 60 | 21 | 0 | 0 | 0 | 805 |
| 6/27/2010 | 14 | 87 | 0 | 56 | 28 | 3 | 0 | 0 | 892 |
| 6/27/2010 | 15 | 57 | 0 | 0 | 6 | 49 | 0 | 2 | 949 |
| 6/27/2010 | 16 | 64 | 0 | 0 | 9 | 54 | 0 | 1 | 1013 |
| 6/27/2010 | 17 | 18 | 0 | 0 | 0 | 18 | 0 | 0 | 1031 |
| Total | | 1031 | 1 | 183 | 569 | 253 | 0 | 25 | |

More Field Day



2010 FIELD DAY





Des Moines Radio Amateurs Assn.
P.O. Box 88
Des Moines, IA 50301
DMRAA.org or DMRAA.com

E-mail: info@dmraa.com

The Static sheet is bi-monthly (six per year) publication of the Des Moines Radio Amateurs Association. It is provided via email to the membership of the DMRAA. Please feel free to forward to prospective club members and interested Amateur Radio Operators.

The DMRAA is affiliated with the ARRL, The national association for Amateur Radio.



GOT RADIO?

DMRAA Membership Application

Des Moines Radio Amateurs Association

Name: _____

Address: _____

City: _____, State: _____ Zip: _____

Phone Number: (____) _____ Email: _____

Call Sign: _____ Class: (E) (A) (G) (T)

ARRL Member: ? Y / N

Dues \$20 Single
\$60 3 Years

Mail Application and payment to
DMRAA
P.O. Box 88
Des Moines, IA 50301

