



# KEY CLICKS

## Green Bay Mike and Key Club

P.O. Box 13351

Green Bay, WI 54307

November 2009

### Annual Club Business Meeting

This Thursday, November 12 is the annual club meeting. The business meeting starts at 7:00 PM. Elections for 2010 will also take place. The Green Bay Mike and Key Club Meetings are held at St. Norbert College in the Media Services room in the JM Science Building.

### Board Nominations

The following club members have been nominated for the club's board of directors. KB9KIX, WB9YWQ, KC9PGH, W0LFE and N9UPU, KC9KVU.

Additional nominations will be taken at the beginning of the meeting on November 12<sup>th</sup>. Due to some of the current leadership not wishing to hold an officer position this upcoming year, additional club members will be needed to step into these rolls.

### Call for Club Dues

The 2010 dues are now being taken. Please complete the membership application found in this issue and mail it back to the club or give it to John Wolfe W0LFE. Dues are \$20 if you prefer to have the Key Clicks Newsletter emailed or \$25 if it is sent via snail mail. Please turn in your membership materials before you forget.

### New Hams

On September 19, Joe N9UPU and John NA9J instructed a ham cram licensing class. Ten students took the class. Eight of the students passed. One other took the test, but not the class. Nick KB9UAE upgraded to general class.

KC9QNJ	Harley	GB
KC9QNK	Oren	Appleton
KC9QNL	Kathy	Appleton
KC9QNM	August	Wausau
KC9QNN	Michael	Port Washington
KC9QNO	Steve	Grafton
KC9QNP	Kevin	DP
KC9QNQ	Steve	Kewaunee
KC9QNU	Jesse	GB

### General

KB9UAE	Nick	GB
--------	------	----

If you are interested in attending future classes, please email Joe at [n9upu@arrl.net](mailto:n9upu@arrl.net). The next class will be in February, the date will be announced in December.

### Facebook

The Green Bay Mike and Key Club is now on Facebook. If you are a member of the Facebook community, search for the Green Bay Mike and Key Club. It is another way to keep in touch with other club members and events.

## KEY CLICKS

November 2009

### Spectrum Info

*Steve KB9MWR*

I'm not real sure how closely members follow this, but the FCC has been asking for suggestions in the hunt for more radio spectrum, having established that there's not going to be enough to support the next generation of broadband requirements. They are looking for about 800 MHz worth of spectrum.

That would cover all of 900 MHz, 1.2, 2.4, 3.3 and 5.8 GHz and still be a bit shy of they total they are looking for. In response to this threat, I would like to encourage hams to experiment and utilize our SHF bands. Over

a year ago the Ashwaubenon Tech Club put 900 MHz repeaters on line in both Green Bay and Milwaukee, on 927.5125 MHz. I also created a 900 MHz overview & primer that was featured on Stan, WA1LOU's blog a while back. <http://kb9mwr.blogspot.com/2008/09/experimental-900-mhz-ham-radio-repeater.html>

Also worth mentioning: For any members that were intrigued by the "Want to know more about Digital Voice Radio?" that Dennis put on the club webpage, I have a collection of Amateur Radio Video News DVD's that I will be donating to the club.

### Newsline

*From k9eam.com*

For the new hams in the club and anyone else interested the Calumet County ARES/RACES Net on Wednesday nights at 7:30PM on 147.300 PL 107.2 is broadcasting AMATEUR RADIO NEWSLINE(tm) REPORT after check-ins. Check it out. Its current Amateur radio news before it hits the print media.

### D-STAR SEMINAR

11:00 A.M. to 12:00 P.M. November 14th, 2009

Amateur Electronic Supply  
5710 W Good Hope Rd  
Milwaukee, WI

Attend our D-STAR Seminar (Demystifying D-Star).

Conducted by:

Dave Schank, KA9WXN, Dan Workenaour, N9ASA and Tom Pachner, W9TJP

This will be held across the street from the Milwaukee Repeater Club / 25th Annual Swapfest AMATEUR RADIO Fest 2009

For more information take a look at the announcement (PDF):

<http://www.aesham.com/pdf/MRC-AES-09.pdf>

### N9UPU Subscribes to Netflix!

*Joe Tenor N9UPU*

You might be wondering what this is doing in the club newsletter. Good, I was hoping it would get you to read this. I did recently join Netflix and am enjoying watching some movies. I joined by first going to goodsearch.com and clicking on Good Shop. Netflix is one of the many online merchants that you can use via goodsearch.com. How much did the club get from my family joining Netflix? \$8.00. I use ebay a couple times a month. Anytime I buy something from the site, I go through the Good Shop and the club gets a portion of my purchase. It is extremely easy to use. I have also continued to use Good Search as my search engine. All of this adds up to additional funds for the club.

## KEY CLICKS

November 2009

### **Brown County ARES**

*Dave Catalano N8KQS*

It has been a continuing whirlwind of activity lately for the ARES/RACES group. As some of you know, the first weekend in October is the Simulated Emergency Test or SET. This national event helps to provide the training and helps us gauge the level of preparedness we strive for.

Dale- WB9NRK, Bob- K9BOB, Dennis- KC9OIS, Jeff- KC9PGH, Mark- KC9MPG, Phil- WB3LOS, Bill- WA9PWR, Bob- KB8ZXE, Mike – KC9QAL, Matt – KC9QAK and I participated in the Brown County exercise. This year's scenario was based on the Swine Flu. With masses of people looking for the shots of serum, the hospitals were overrun when the word was passed that there were supplies coming in from the government storehouses.

The automatic phone message system was used to inform everyone of the event. We met at 8:30 AM at the EOC. Before being dispatched, we were provided a tour of the new EOC and saw where the antenna cables came into the room and how the radios were set up.

ARES/RACES members were dispatched to the hospitals to provide direct communications. Operators were also sent to the EOC, the County Health Department and the State Regional Health Department.

We all sent and received formal NTS messages as well as tactical messages.

By 11:15 all messages were passed and we gathered to critique the event over lunch.

Just a couple of weeks before that, the EC and AECs participated as observers in a Coast Guard exercise. We witnessed the first time the Emergency Operations Center was ever used by either the City or the County.

Just before that event, we installed a folded dipole antenna on the roof of the EOC. (Pictures on the Club WebPages) Then we ran LMR cable and installed connectors for both the HF antenna and the Dual Band VHF-UHF antenna. It was during the SET, messages were sent from the EOC to the District EC (HF), and the State EOC(UHF) by using these new antennas.

During the past month, the Ecomm trailer was equipped with a new HF transceiver. The Club purchased an IC 718 and an autotuner. This replaced the radios that belonged to the Emergency Management that we had used until they were installed in the EOC.

A month ago, four computers were given to us by Wis. ARES. Now we are taking another look at Packet Radio.

### **Siren Test Net**

*Al Janelle W9CEA*

If you are available, please check into the Brown County Siren Test Net -- The test happens every second Wednesday of the month starting at 11:50 am on the 147.120 repeater. Be able to give the location of the siren that you are monitoring. If you can do this, it will be a great help in aiding our friends and families.

## KEY CLICKS

November 2009

### Assembly Bill 429

*Don Michalski W9IXG*

*Wisconsin Section Manager, ARRL*

Jim Lackore, AD9X, State Government Liaison for Wisconsin, has been informed that Representative Smith has proposed to the committee that his Assembly Bill 429 be amended to exclude amateur radio operators.

Mr. Smith used the verbiage that Jim Lackore recommended when they discussed amending this bill at a meeting.

The original bill is at this site:

<http://www.legis.state.wi.us/2009/data/AB-429.pdf>

The proposed amendments to that bill are at this site:

<http://nxt.legis.state.wi.us/nxt/gateway.dll?f=templates&fn=default.htm&d=billhist&jd=top>

(You need to put in AB429 in the search window to view the bill and the amendment).

The proposed amended text in ( ) that applies to amateur radio is:

No person may drive a motor vehicle while using a wireless telecommunications device (to transmit verbal communications, electronic mail, text messages, or any other electronic communication to one or more persons not physically present with the device's operator) unless any of the following applies:

Page 2, line 21: after that line insert:

( 4. The person using the wireless telecommunications device is an amateur radio operator who holds a valid amateur radio operator's license issued by the federal communications commission and is using dedicated amateur radio 2 way

radio communication equipment and observing proper amateur radio operating procedures.)

Mr. Smith is recommending amending his own bill but it is up to the committee to decide if it will keep the bill in its current state or amend it or kill it all together. If not killed, there will be a public hearing and I will let you know when and if that takes place.

If you wish to contact Mr. Jeff Smith and thank him for his proposed amendment to exclude amateur radio from his bill you can do so:

Madison Office  
Room 111 North  
State Capitol  
P.O. Box 8953  
Madison, WI 53708

Telephone  
(608) 266-0660 Or  
(888) 534-0093

Email  
[Rep.Smith@legis.wisconsin.gov](mailto:Rep.Smith@legis.wisconsin.gov)

For contact information of all Senators and Representatives, go to this site: <http://www.legis.state.wi.us/>

We appreciate Jim Lackore's hard work and, also, to everyone who has contacted Representative Smith and the sponsors of this bill. We know that your voice was heard!

### CQ2 Tuesday

Don't forget about CQ2 Tuesday on the second Tuesday of each month. A group of hams meet at 11:30 at the Bay Family Restaurant on Military Ave. The next one is December 8th.

# KEY CLICKS

November 2009

## Secretary's Report

*Ron Koch KB9KIX*

### July 2009

Dale Johnson WB9NRK  
Dennis Carr KC9OIS  
Dutch Vander Zeyden WB9YWQ  
Steve Lampereur KB9MWR  
Keith Summers KS9WI  
Nick Marto KB9UAE  
Bob Heiser K9BOB  
Kevin Stanelle KB9SNE  
Pete Kamikula AL7RH  
John Kotlarik NA9J  
Jim Smits KC9PGI  
Jeff Kline KC9PGH  
Matt Walker KB9QAK  
Reed Hinton KW9C  
Mike Stiles KB9QAL  
David Catalano N8KQS  
Peter Andrews N9VVD

Call to order 7:05 pm

Dave (N8KQS) Read the minutes of the June meeting they were approved seconded and carried .

The treasurer's report was accepted as read by the secretary because we did not spend any money this month.

Bob (K9BOB) made a motion to buy the V71A dual band radio the motion seconded and carried and Dave (N8KQS) said he would take care of it.

### Old Business

A discussion with the club members it was decided that the technical committee would work it out with 147.360

Dutch (WB9YWQ) was unable to do anything about the hard line on the 147.27. Dutch also asked Dennis

(KC9OIS) and Jeff (KC9PGH) to get quotes for Jackets and shirts .

Keith (KS9WI) said attendance for field day was only about six people asked that gas and other repairs could be paid for by the club ? A motion was made seconded and carried. It was reported that the brat fry cleared \$525.91 after expences . Bob (K9BOB) said that Keith (KS9WI) should be thanked for his help on field day and the brat fry .

### New Business

Dutch (WB9YWQ) said don't forget the Brat fry September 6th . Dutch also asked that Nils Barto (N9PLJ) to be added to the SK plaque . Motion was made seconded carried .

Dave (N8KQS) asked for help for August 5th we need people for the airport event .

Bob (K9BOB) wanted to know if the club is going to have a picnic ? It was decided on Saturday the 12th for the club picnic . Motion was made seconded and carried .

Dave (N8KQS) said that Lisa health problems were getting worse and that she was thinking of us .

Highway clean up Wednesday August 12th 6:30pm

### August 2009

Keith Summers	KS9WI
Bob Lane	KB8ZXE
Dutch Vander Zeyden	WB9YWQ
John Kotlarik	NA9J
Ron Koch	KB9KIX
Kevin Stanellt	KB9SNE
John Wolf	W0LFE
Steve Lampereor	KB9MWR

## KEY CLICKS

November 2009

Dale Johnson	WB9NRK
Nick Marto KB9UAE	
Elaine Summers	N9QZF
Pete Kanikvla AL7RH	
Mark Salmon	KC9MPG
Mike Crowley N9WCA	
Jeff Kline	KC9PGH
Dave Catalano N8KQS	
Matt Walker	KB9QAK
Dennis Carr KC9OIS	
Mike Stiles	KB9QAL
Virgil Burmeister WB9MHS	

Margaret Burmeister WD9EGA

Ron (KB9KIX) Read the minutes of the meeting after a correction they were approved seconded and carried. Correction was on the the hard line frequency 147.120

John (W0LFE) gave the treasurers report and went back to May 30<sup>th</sup> and said that we had \$685.57 we had an expenditure to Dennis Carr for \$87.55 for software and web site . \$25.00 to the Wisconsin Association of Repeaters . \$110.00 for start up cash for the Brat Barn . Other expenditures for the Brat Barn were \$449.00 \$199.70 \$68.29 \$19.82 \$46.00 \$46.00 \$31.32 \$18.00 \$7.37 a deposit from the Brat Barn of \$1076.90 We paid (NA9J) John \$103.60 for IRLP board . We paid Keith (KS9WI) \$19.67 for field day expenditures . We paid Dave (N8KQS) for \$360.93 for V71 Radio for the Ares trailer . We got back \$25.00 from the Brat Barn deposit . Also got \$20.00 for membership . We deposited \$161.00 for sale of equipment from Greg Wise Apple . We have \$820.73 in our checking account . In our savings account #1345003 we have \$1305.76 In CD16767 we have \$ 73403 in CD 173944 we have \$ 2022.30 and we have a debit of \$ 2.17 from the greater Green

Bay grant . The club has a grand total \$4881.45 . The treasurers report was approved seconded and carried

It was noted that John (W0LFE) received \$ 2.17 from Dave (N8KQS) to pay the debt of the Greater Green Bay Grant .

Dave (N8KQS) gave a report on the airport event and thanked every one for the help and participation

Old Business

John (NA9J) Gave a report and said that (AL7RH) echo- link is up and running .

Dutch (WB9YWQ) asked who could check the hardline Steve (KB9MWR) and John (W0LFE) said they would look at it .

Jeff (KC9PGH) said silk screen would be \$60.00 and if the club would pick the same color jackets the cost would be less . Dennis (KC9OIS) said the venders he talked to just about the same price . Phil (W3TOS) said that he would stand by his prices \$8.00 a T shirt and \$47.00 a jacket.

Dutch (WB9YWQ) Just a reminder Brat Barn September 6<sup>th</sup> 9am to 6pm and September 12<sup>th</sup> Picnic swap fest at the optimist park in De Pere .

Dave (N8KQS) said that five people showed up and they had five bags of garbage . The next highway clean up is October 10<sup>th</sup> 9am .

New Business

Dutch (WB9YWQ) thanked Jeff (KC9PGH) and Mark(KC9MPG) for representing the Mike and Key Club in

## KEY CLICKS

November 2009

the bicycle event . Also asked John (WOLFE) to enquire about insurance on the Ares / Races trailer .

John (NA9J) said he would give a demonstration on cross band repeater at the next meeting .

Dave (N8KQS) and Dennis (KC9OIS) were going to look into HF radio for the trailer for the next meeting .

Meeting adjourned 8:08pm

### September 2009

Dutch Vander Zeyden WB9YWQ

Elaine J Summers N9QZF

Dale Johnson WB9NRK

Wes Michael W9WES

Gary L Keating ND9Z

Nick Marto KB9UAE

Mike Crowley N9WCA

Mark Salmon KC9MPG

Dave Catalano N8KQS

Phil Simila W3TOS

Bill Dumke WA9PWR

Robin Michael Guest

Matt Walker KB9QAK

John Kotlarik NA9J

Dennis Carr KC9OIS

Reed Hinton KW9C

Keith Summers KS9WI

Paul Schultz N9QLO

Mike Stiles KB9QAL

Ron Koch KB9KIX

Meeting call to order 7:00 pm

Ron ( KB9KIX ) read the minutes of the August meeting they were approved seconded and carried .

Keith (KS9WI) gave the treasures report and said that the club account total was \$5230.29 . Keith said me made \$331.00 in profit in sales at the Brat Barn and

\$25.00 membership . For a total of \$ 1152.54 in checking . The treasures report was approved seconded and carried .

Dave (N8KQS) and Mark (KC9MPG) gave the Ares/Races report of the bike race out at the reforestation camp . The bike club offered to provide us with a monitor for the trailer .October 3rd is the Set and that is state wide

And starts at 9 am and ends before noon . Dave also said that the HF antenna was going to be put up on the Jail on Tuesday September 15th .

### Old Business

It was decided by the club to cancel the corn roast a motion was made seconded and carried .

Dutch (WB9YWQ) mentioned the highway clean up Saturday October 10th at 9am .

Dave ( N8KQS) made a motion to buy a Icom 718 Radio the motion was made seconded and carried . A motion was amended and seconded and carried to go for the lower price tuner or if not available to buy the higher price one Dave was given the OK .

Meeting adjourned 7:45pm

### October 2009

Jason Engebos (N9PAV)

Matt Walker (KB9QAK)

Nicholas Marto (KB9UAE)

Mike Stiles (KB9QAL)

Sharon A Vander Zeyden (KC9OIR)

John Wolfe (WOLFE)

Gary Keating (ND9Z)

Peter Andrews (N9VVD)

Keith Summers (KS9WI)

Dale Johnson (WB9NRK)

## KEY CLICKS

November 2009

Reed Hinton (KW9C)  
Bill Dumke (WA9PWR)  
John Kotlarik (NA9J)  
Ray O'Connell (KC9HZY)  
Roy Graham (N9ARM)  
Bob Miller (KE5IVU)  
Steve Lampereur (KB9MWR)  
Dutch Vander Zeyden (WB9YWQ)

Ron Koch (KB9KIX)  
Call to order 7:20 pm

Ron (KB9KIX) gave the secretaries report it was approved seconded and carried .

John (WOLFE) said we started the month with a checking account of \$ 1,152.54 wrote out a check to Dave (N8KQS) for the I Com 718 and I T 100 for 752.52 leaving \$400.01 in checking . In our savings account we have \$ 1305.76 In one CD we have\$ 734.03 in the other CD we have \$ 2037.36 and the Greater Green Bay account has a zero balance . With a grand total of \$4477.96 . The Treasurers report was approved seconded and carried .

### Old Business

John (NA9J) we were waiting on the hospital for the ok on IRLP

### New Business

John (WOLFE) said he had talked to the insurance company after the last meeting he had attended and they said that everything was covered .

John (NA9J) asked for some one to give a lesson before the next meeting . John talked about the new Wisconsin Inter State Network on 443.4 PL 100 and would the Cub Consider a Donation to help support the network .

Dutch (WB9YWQ) asked for nominations for the 2010 members at large .

Ron (KB9KIX)  
Joe (N9UPU)  
Jeff (KC9PGH)  
John (WOLFE)  
Dutch (WB9YWQ)

A motion was made to reschedule highway clean up to October 24th 9:00 am and park in the lower parking lot .

John (WOLFE) said that he needs a motion to write out a check for ten dollars to the state of Wisconsin for the clubs corporation report . The motion was made seconded and carried .

Adjournment 7:45 pm

Dutch (WB9YWQ) wanted it noted that John (NA9J) borrowed a CW key from the club 9-10-09

### Expired / Expiring Callsigns

If you know the following hams, please let them know their license is up for renewal. Renewal is free and can be done within minutes using the internet. Please contact Joe N9UPU at [n9upu@arrl.net](mailto:n9upu@arrl.net) for information.

### Expiring within the next 30 days.

[KB9VNB](#) 2009-12-02 Michael J Kostrewa, Green Bay

### Expired within the last 30 days.

[KB9VIW](#) 2009-10-23 Jennifer J Olszewski, Green Bay

**Will be forfeited within the next 30 days.**

NONE

# KEY CLICKS

November 2009

## Treasurer's Report

*John Wolfe, WOLFE*

Treasurer's Report as of 10/08/09

Checking \$ 400.01

CD's \$ 2,772.19

Savings \$ 1306.77

Total net worth of Club \$ 4,478.97

## New Club Meeting Format – New Time

The Green Bay Mike and Key Club will now feature a guest speaker prior to each meeting. The guest speaker will speak from 6:30 PM until the club meeting at 7:00 PM.

## Club Meetings

The Green Bay Mike and Key Club meets monthly at St. Norbert College in DePere. The meetings take place in the J. M. Science Building in Room 223. The meetings are on the second Thursday of each month at 7:00 PM, prior to the meeting at 6:30 there is an educational meeting.

## Buy /Sell / Swap

**From Keith KS9WI**

***ks9wi@new.rr.com***

I still have a bunch of stuff left from Greg Weisheipl, KA9WPG ( the packet node guy).

Not much in the way of prized possessions left. Here is a list:

450 ohm ladder line== about 50-60 feet  
2 low pass filters-- one Bencher, one Radio Shack

3 cassette Ameco morse code course & old advanced class question pool on 3 1/2 floppy

alpha delta Transi- Trap surge protector  
2 low power SWR meters, One Johnson- one Hawk

a few dog bone insulators  
partial spool of 12 gauge wire  
partial spool of 16 gauge wire (lamp cord)  
Radio shack external speaker  
Kenwood speaker mic & drop in charger  
small electric clock w/ alarm

## Local Nets

Brown County ARES Net Sunday  
8:00pm 147.120

Green Bay Area 2 Meter Net Tuesday  
8:45pm 147.120

## Area Swapfests

*Courtesy of the ARRL*

14 Nov 2009 Milwaukee Repeater Club  
<http://www.mrc91.org>

**Talk-In:** 146.910 Mhz, minus offset (PL 127.3)

**Contact:** Ken Jaeger, KC9MXZ  
5810 South 37th Court  
Milwaukee, WI 53221-3967  
Phone: 414-491-0686  
Email: [kc9mxz@arrl.net](mailto:kc9mxz@arrl.net)

Milwaukee, WI

Elk's Lodge

[5555 West Good Hope Road](#)

---

9 Jan 2010 38th Annual Midwinter Swapfest

West Allis Radio Amateur Club (WARAC)

<http://www.warac.org>

**Talk-In:** None

**Contact:** Phil Gural, W9NAW  
S67 W12944 Larkspur Road  
Muskego, WI 53150-3435  
Phone: 414-425-3649  
Email: [janphil68@att.net](mailto:janphil68@att.net)

Waukesha, WI

Waukesha County Expo Center Forum  
[1000 Northview Road](#)

## KEY CLICKS

November 2009

23 Jan 2010 Capital City Hamfest

New Era Repeater Technocrats

<http://www.wd8das.net/hamfest>

**Talk-In:** to be determined

**Contact:** Steve Johnston, WD8DAS

2309 Tulare Street

Fitchburg, WI 53711

Phone: 608-276-5581

Email: [wd8das@arrl.net](mailto:wd8das@arrl.net)

Fitchburg, WI

Memorial United Church of Christ

[5705 Lacy Road](#)

---

### Testing

*Courtesy of The ARRL*

21-Nov-2009

**Sponsor:** UNSPONSORED

**Time:** 1:00 PM (Walk-ins allowed)

**Contact:** ED WAGNER

(608) 584-4858

**Email:** [AB9FN@YAHOO.COM](mailto:AB9FN@YAHOO.COM)

**VEC:** [ARRL/VEC](#)

**Location:** ADAMS CITY FIRE DEPT

101 N MAIN STREET

HIGHWAY 13

ADAMS, WI 53910

28-Nov-2009

**Sponsor:** MRAC VEC, INC.

**Time:** 9:30AM (Walk-ins allowed)

**Contact:** THOMAS R FUSZARD

(262) 789-7975

**Email:** [TOM@SUPREMECOM.BIZ](mailto:TOM@SUPREMECOM.BIZ)

**VEC:** [Milwaukee VEC](#)

**Location:** AMATEUR ELECTRONIC  
SUPPLY

5710 W GOOD HOPE ROAD

[WWW.W9RH.ORG/TESTING.HTM](http://WWW.W9RH.ORG/TESTING.HTM)

URL SHOULD BE IN LOWER CASE!

MILWAUKEE, WI 53223

12-Dec-2009

**Sponsor:** FOND DU LAC ARC

**Time:** 9:00 AM (Walk-ins allowed)

**Contact:** DOUGLAS J SCHULTZ

(920) 922-3088

**Email:** [N9EZF@FDLHAMS.ORG](mailto:N9EZF@FDLHAMS.ORG)

**VEC:** [ARRL/VEC](#)

**Location:** COMMUNITY UNITED  
METHODIST CHURCH

701 MINNESOTA AVE

DAYS: CALL 920-929-6274

RESERVATIONS APPRECIATED!

NORTH FOND DU LAC, WI 54937

13-Feb-2010

**Sponsor:** FOX CITIES ARC

**Time:** 8:00 AM (Walk-ins allowed)

**Contact:** GEORGE R CROY

(920) 730-0967

**Email:** [W9MDP@ARRL.NET](mailto:W9MDP@ARRL.NET)

**VEC:** [ARRL/VEC](#)

**Location:** RED CROSS BUILDING

1302 E WISCONSIN AVE

APPLETON, WI 54911

### Website of the Month

[http://blog.makezine.com/archive/2009/07/catching\\_satellites\\_on\\_ham\\_radio.html](http://blog.makezine.com/archive/2009/07/catching_satellites_on_ham_radio.html)

[http://blog.makezine.com/archive/2009/07/catching\\_satellites\\_on\\_ham\\_radio.html](http://blog.makezine.com/archive/2009/07/catching_satellites_on_ham_radio.html)

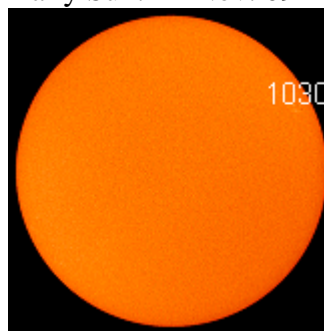
[o.html](http://blog.makezine.com/archive/2009/07/catching_satellites_on_ham_radio.html)

This is a beginner's guide for monitoring of ham radio satellites and is pretty decent reading.

### Solar Update

[www.spaceweather.com](http://www.spaceweather.com)

Daily Sun: 11 Nov. 09



Sunspot 1030 is about to rotate over the sun's western limb. Credit: SOHO/MDI

**Sunspot number: 13**

[What is the sunspot number?](#)

Updated 10 Nov 2009

### Spotless Days

Current Stretch: 0 days

2009 total: 239 days (77%)

Since 2004: 750 days

Typical Solar Min: 485 days

[explanation](#) | [more info](#)

Far side of the Sun:



This [holographic image](#) reveals sunspot 1029 transiting the far side of the sun.

**Green Bay Mike and Key Club  
P.O. Box 13351  
Green Bay, WI 54307**

---

**The Green Bay Mike and Key Club operates three local repeaters.**

**147.120 + PL 107.2 – Wide Area Coverage**

**147.360 + Located at St. Norbert College**

**444.775 + PL 107.2 IRLP Available for Club Members**

**For up to date club information or a membership application, please visit  
<http://groups.yahoo.com/group/keyclicks/> or [www.k9eam.com](http://www.k9eam.com)**

**2009 Club Board of Directors**

Dutch	WB9YWQ	President	
Dale	WB9NRK	Vice President	<a href="mailto:djnrk@greenbaynet.com">djnrk@greenbaynet.com</a>
Ron	KB9KIX	Secretary	<a href="mailto:rlkdog@att.net">rlkdog@att.net</a>
John	W0LFE	Treasurer	<a href="mailto:w0lfe@sbcglobal.net">w0lfe@sbcglobal.net</a>
Roy	N9ARM	At large	<a href="mailto:rgraham985@yahoo.com">rgraham985@yahoo.com</a>
Keith	KS9WI	At large	<a href="mailto:ks9wi@tds.net">ks9wi@tds.net</a>
Joe	N9UPU	Co-Editor	<a href="mailto:n9upu@arrl.net">n9upu@arrl.net</a>
Jackson	KC9KVU	Co-Editor	<a href="mailto:kc9kvu@arrl.net">kc9kvu@arrl.net</a>