

Waveguide

W8LAP / r

146.620 - 100 Hz

442.750 + 123 Hz

Lapeer County Amateur Radio Association

Club Founder: Hollis Hayes W8ACD

Edition for **August 2011**

*****The next regular club meeting will be held
on Tuesday, August 9th, 2011 @ 6:00 pm at
Crampton Park in Lapeer*****

ARES Net

*Every Tuesday at 8:00 pm on 146.620 - with 100 Hz PL
(except club meeting nights)*

Thursday Night Net

Every Thursday at 8:00 pm on 442.750 + with 123 Hz PL

Meetings

*LCARA meetings are held the second Tuesday of each month in
the Lapeer County Central Dispatch Center (911), 2332 W.
Genesee St., Lapeer, MI at 7:30 pm*

Newsletter

*Items for the newsletter may be called in to the editor at 810-
793-4986 or emailed to kevinboxey@hotmail.com. The deadline
for submission is the 20th of each month.*

Website: <http://www.w8lap.com>

Facebook: Lapeer County Amateur Radio Association

Editorial Section

The President Sez:

The Tri for Life triathlon was held on Sunday, July 17th and many Lapeer, Genesee, and Tuscola hams helped out covering the 40 km bike route. I know that the 3D folks really appreciate amateur radio help on 5 or 6 of the events they sponsor. On these particular events amateur radio is the only contact they have with the course since their Sprint cell phones don't work at these locations (Otter Lake is one of these locations). Traffic was passed to and from the event control in Otter Lake, the SAG vehicle, and locations on the course. So, we are actually used in these events to the benefit of every participant. Note the SAG vehicle is operated by a ham and we had no trouble communicating with him.

I would like to try and cover the running part of the course next year, as well as, the bike event. So, more operators are needed to raise their hands. It is relatively painless and only takes a few hours on one morning and most locations can be worked from the comfort of your vehicle.

Don't forget that our club meeting in August will be held at Crampton Park in the west pavilion (closest to M24 and M21 intersection). Bring your gear and set it up for a few hours with the other club members.

See you then.

Kevin KB8TAR

The Secretary Sez:

The meeting was called to order at 7:30 with the Pledge of Allegiance to the Flag and introduction of members and guest. There was no hospital report. There was no upgrades. The minutes were read by Flo, KC8CAB. The minutes were accepted by Dick, KC8VHA and seconded by Dan, KC1BUD. The treasurers report was given by Bill, KD8VP. Tom, KD8EBY's computer was upgraded. Accepted by Dick, KC8VHA and seconded by Dan, KC1BUD. Repeater trustees report was given by Bill, KD8VP. Bill mowed the lawn and trimmed some branches. The repeater is working. The 146.62-100hz net has moved to Tuesday at 8 p.m. There is a 440.750-123hz On Thursday at 8 p.m. The August 9th meeting is at Crampton Park at M21 and M24. It will at 6p.m. Listen to the repeater for the new location for TNC (tea and crumpets). Dan, KC1BUD will help Bill, KD8VP with next years swap. Break from 8:15 to 8:30. A presentation on February 2011 DXpedition to Turk and Caicos was given by Lee, N8LJ. It was very interesting. Next years DXpedition is in January 2012 will be at Christmas Island south of Hawaii, Tango 32, 160 contest. They will stay at Campus Hotel. 50/50 was won by Lee, N8LJ. Meeting was closed at 9:15.

Flo KC8CAB



Editorial Section

The Treasurer Sez:

Hello to everyone, I hope that you are making the best of this very hot summer. The summer is winding down, but the club season is winding upward. Our Operation Care endeavors have so far bolstered our

treasury, and with one more to come, things will get even better.

On August 14, 2011 will be our 12th annual Swap and Shop, hopes are high that it too will be successful and bolster the club treasury. Please do your best to help out with these worthwhile club supported public service events.

David Erskine, KD8GXW, our web master, has previously volunteered to take over the responsibilities of maintaining the club web site and domain name accounts. That action has been taken care of and

the accounts switched from the treasurers name to his. Also in the ongoing process of diversifying the work load among members, Dan Bain KC1BUD, has stepped forward to understudy the swap chairman.

My thanks to both of these gentlemen for their work to make our club even better.

That's all for now.

Don't forget that the August meeting will be held outdoors in the Park and will start at 6:30, on the second Tuesday of August.

Respectfully, 73 Bill Miller KD8VP

The Trustee Sez:

Greetings to everyone. It seems to me that the repeaters are working very well. I had an opportunity to run up North this past week and was very pleasantly surprised to be able to talk to Steve N8EN from

both sides of the Zilwaukee bridge and even beyond. Furthermore I heard the repeater off and on all day from the East Tawas area. But I wasn't able to talk back to it. I know that some of that was caused by

conditions, but some of it was due to the good equipment they we have.

Please continue to support your club repeater and by all means please USE them.

See you at the August meeting in the park.

Thanks and 73 Bill Miller KD8VP

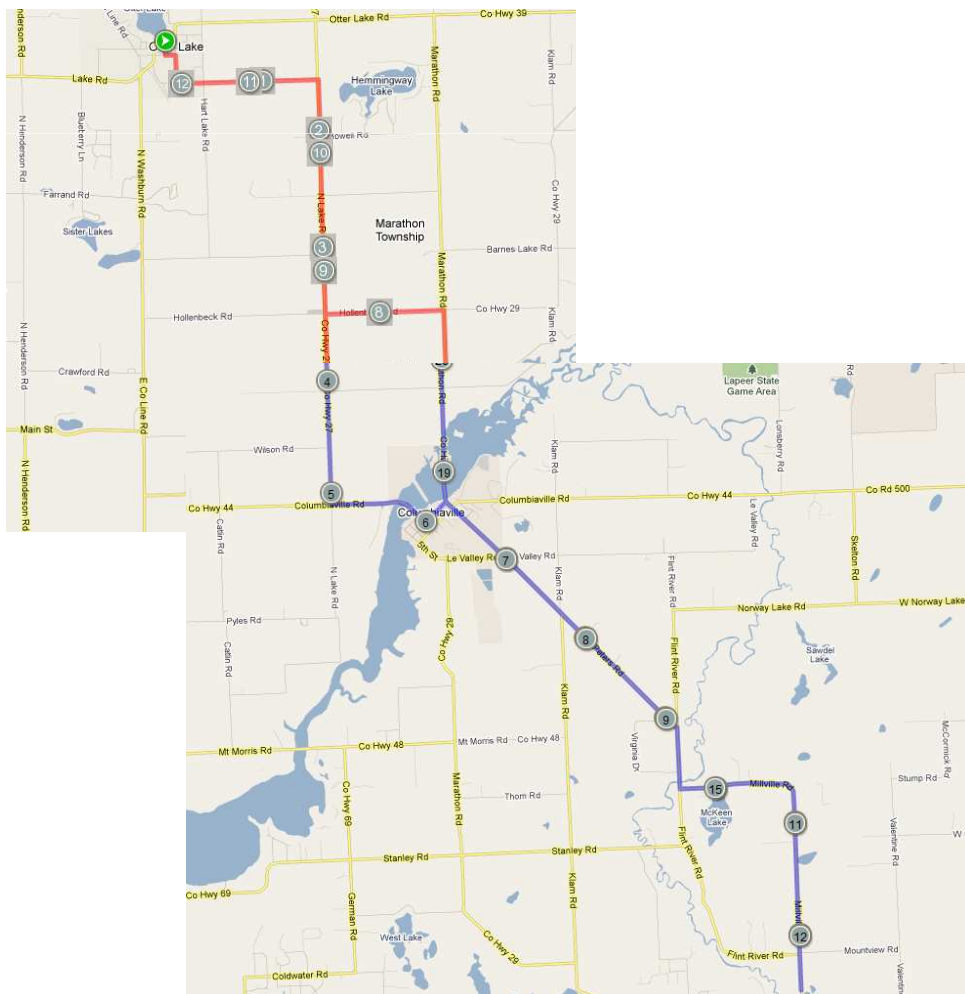


A note from the race organizers:

Thank you again for setting up and organizing an established communication protocol for the race and all the athletes out on the bike course. You guys and gals really are the eyes and ears that I have out there across the 24 mile course and a lot can happen in between. I'm glad things were pretty quiet on Sunday with only a few minor incidents. Let all the operators who came out to assist with the event know that we really appreciate them taking time out of their day to come and help with the event and keep course as safe as possible out there for all the athletes.

Tim KC8ZNJ

KD8EBY WA8OGJ
WA8HHE KB8YGA
WB8WJV KD8HQL
KD8GAV N8OSL
KC8PMW KD8LXW
W8EOD KC8RVL
KD8HNX KC8VHA





Community Service Calendar



Imlay City Blueberry Run - 06 Aug 2011 (race start 8:30 am)

LCARA Swap - 14 Aug 2011

CRIM - 27 Aug 2011

Operation CARE - 2, 3, 4, & 5 Sept

****Please keep these dates open in your calendar****

Our district is asking for our help. Please volunteer and help our fellow district counties in support of their community service events.

Genesee

Crim Race. Aug. 27 (Flint) 5:30 AM

Any and all operator's that volunteers will be worked.

At this time contact Joe Tuscher at jt14888@aol.com



MICHIGAN HAMFEST CALENDAR:

August 6 - UP Escanaba

August 14 - Lapeer

August 27 - SARA Owosso

Sept 10 - Grand Rapids

Sept 18 - Adrian

October 16 - Kalamazoo

October 23 - USECA Sterling Heights

*Information on the next 3 pages is taken from the NWS
Skywarn Spotter Newsletter for July 2011*

Skywarn Spotter Newsletter

July 2011

Record Rainfall During the 2011 Spring

If you feel like the spring of 2011 was particularly wet then you are absolutely correct. The spring season spans from March 1 to May 31 and the three main climate sites across Southeast Michigan (Detroit, Flint, and Saginaw) all placed in the top ten wettest springs on record.

To put the wet weather into perspective, Detroit had 52 days of measurable precipitation this spring. The average for spring is 37 days of measurable precipitation for Detroit. This places 2011 in first place for the most days of precipitation during the spring. Flint had 45 days of measurable precipitation in the spring of 2011 (average is 34 days) which is tied for 6th most number of spring days. Saginaw had 44 days of measurable precipitation in the spring of 2011 (average is 33 days) which is the 4th most number of days.

Looking back at the three sites individually, Flint was the big winner with 17.00 inches of precipitation for the 2011 spring season. This makes 2011 the wettest spring in Flint's history. This smashed the old record of 13.80 inches set back in 1945. Flint's climate records date back to 1921. Flint recorded 3.92 inches of precipitation in March (6th wettest March), 5.47 inches in April (5th wettest April), and 7.61 inches in May (2nd wettest May to this point).

Detroit Metro Airport received 14.60 inches of precipitation during the 2011 spring season, making it the 2nd wettest on record. The wettest spring on record for Detroit occurred in 1947 when 16.31 inches fell. Detroit's records date back to 1874.

Although Saginaw did not receive quite as much rain, their total was also noteworthy. Saginaw received 11.88 inches of rain during the spring placing them as the 10th wettest spring on record. More impressive was that over half of the total rainfall fell during the month of April. April received 5.96 inches of rain making it the third wettest April on record. Saginaw's records date back to 1900.

Michigan's farmers were some of the hardest hit by the heavy spring rainfall. Wet fields delayed planting and some farmers will struggle this fall to get crops harvested before the growing season ends. The above normal rainfall also delayed road construction projects and resulted in an unusually high number of mosquitos.



Devastating Tornadoes of 2011

The 2011 severe weather season has already reached a very sad designation; the highest number of deaths from tornadoes since modern day warning systems went into place. The United States typically averages around 60 tornado deaths nationwide each year. Through June of 2011, preliminary numbers indicate 537 deaths have already been attributed to tornadoes, nearly nine times the normal number for a full year. This unfortunately places 2011 in the record books, making it the deadliest tornado season since official records began in 1950, and tied for the 5th deadliest tornado season when compared to un-official records dating all the way back to 1875.

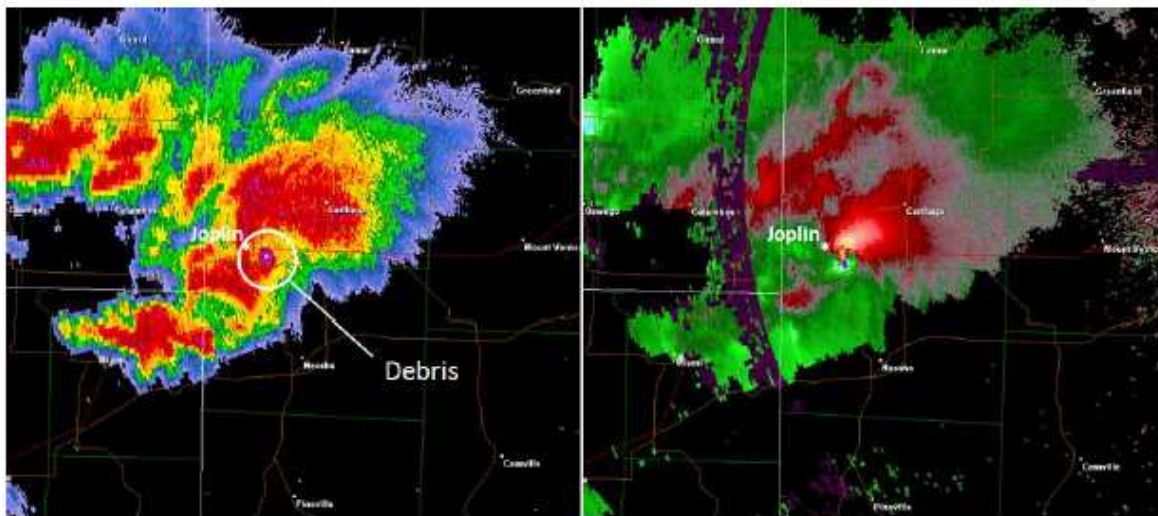
Many people are wondering why the 2011 tornado season has been so bad. One contributing factor may be the La Niña episode that began late last summer and ended this spring. La Niña is a climate phenomenon that occurs when below normal water temperatures are observed near the equator in the Pacific Ocean. These cooler water temperatures effect global weather patterns and tend to lead to a very active storm track with an above normal amount of severe weather across the plains states during the spring months.

A bigger contributing factor for the high number of tornado fatalities in 2011 is that several violent tornadoes have made direct hits on highly populated areas. It is a common myth that tornadoes are less likely to hit cities. This misconception can be attributed to the fact that cities make up such a small portion of the total land area of the United States allowing the majority of our tornadoes to occur in sparsely populated areas.

The bulk of the tornado fatalities in 2011 occurred on 2 particular days. April 27th was the third day of the dangerous “Dixie Outbreak” extending from April 25th-April 28th that rivaled the “Super Outbreak” of April 3-4th, 1974. During those four days, tornadoes ripped across the Deep South from Texas to Virginia with the hardest hit areas located across northern Mississippi and Alabama. NWS preliminary records indicate 321 people were killed between April 25th and April 28th.

The other tragic day occurred on Sunday May 22, 2011 when an EF-5 tornado hit the city of Joplin, Missouri. The Joplin tornado was on the ground for 13 miles with a 6 mile stretch indicative of EF-5 damage. The Joplin tornado had winds in excess of 200 miles per hour with a width of three quarters of a mile. Over 1000 injuries were reported from the tornado with preliminary numbers indicating 151 people were killed by the violent storm. This is the most fatalities from a single tornado since the Flint/Beecher Tornado of June 8, 1953 when 116 people were killed here in Michigan.





For additional information about the devastating tornado season, please visit
http://www.noaanews.noaa.gov/2011_tornado_information.html.

For more information on the Joplin tornado, please visit
http://www.crh.noaa.gov/sgf/?n=event_2011may22_summary



*Our club meeting will be at the Crampton Park West pavilion on
August 9th, 2011 starting at 6:00 pm*

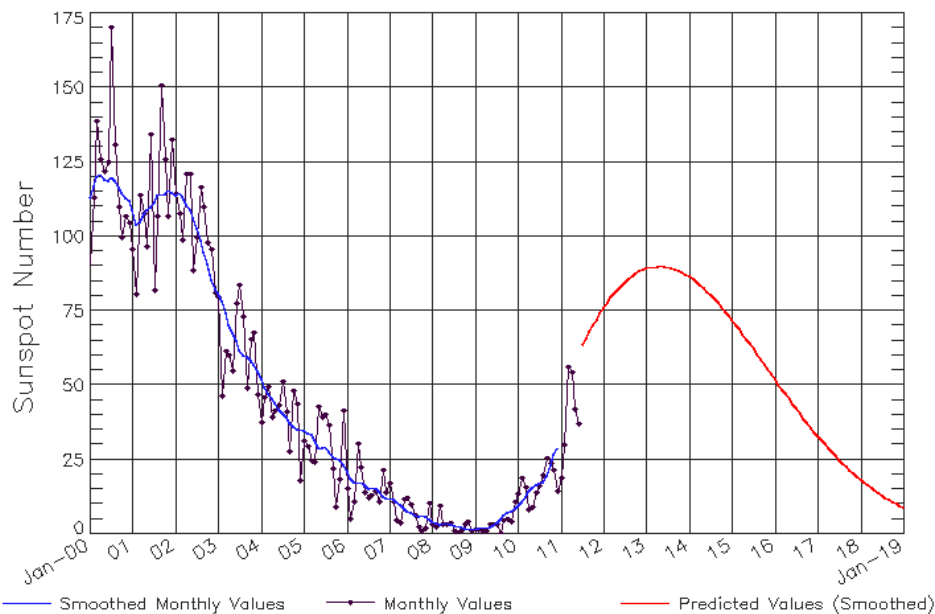
**Don't forget to join
your fellow hams on
the *Tuesday* night
net at 8:00 pm on
146.620 - with 100
Hz PL**



NET CONTROL SCHEDULE

August 2nd 2011 Kevin KB8TAR
August 9th Club meeting
 August 16th 2011 Tom KD8EBY
 August 23rd 2011 Charlie KC8JBK
 August 30th 2011 Dan KC1BUD
 Sept. 6th Debra KD8GAV
Sept 13th 2011 Club meeting
 Sept 20th 2011 Kevin KB8TAR
 Sept 27th 2011 Tom KD8EBY
 Oct 4th 2011 Charlie KC8JBK
Oct 11th 2011 Club meeting
 Oct 18th 2011 Dan KC1BUD
 Oct 25th 2011 Debra KD8GAV
 Nov 1st 2011 Kevin KB8TAR
Nov 8th 2011 Club meeting
 Nov 15th 2011 Tom KD8EBY
 Nov 22nd 2011 Charlie KC8JBK
 Nov 29th 2011 Dan KC1BUD
 Dec 6th 2011 Debra KD8GAV
Dec 13th 2011 Christmas Party
 Dec 20th 2011 Kevin KB8TAR
 Dec 27th 2011 Tom KD8EBY

ISES Solar Cycle Sunspot Number Progression
 Observed data through Jun 2011



Updated 2011 Jul 5

NOAA/SWPC Boulder, CO USA

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Stuff for Sale

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Barb Hartwig, N8NMU 810-797-4459 or barbghana03@yahoo.com

- 1) Kenwood TS-140S HF transceiver w/ microphone in tip-top condition \$350
- 2) Power supply - 430 \$100

Bob Torney W8SNE

rat5@mich.com

CY 2000 and newer QST magazines for the taking (free)

If you have something to sell please send an email with the details to kevinboxey@hotmail.com to be included in the Waveguide listing

Weather Spotting Review

When calling in a report please use the "TEL" system which stands for time, event, and location (county/city) of the event. The location of the event is very important to us. Please identify your location by giving us your County first so that we can narrow down your position, then by giving us your City, and major nearby crossroads. If you are reporting wind speed or hail size, please remember to mention if the value was measured or estimated. If making a damage report, please reference the closest major intersection. The list below outlines what information that should be reported to aid our warning operations.

- Wind gusts over 40 mph
- Hail with a half inch diameter or larger (plain M&M or bigger)
- Funnel Clouds
- TORNADOS
- Waterspouts
- Rainfall rates of 1" per hour or more
- Significant flooding of rivers or streets
- **All Post Storm Damage**

August 14, 2011

August 14, 2011

August 14, 2011

Lapeer, Michigan
12th Annual
Ham and Computer Swap

Sunday, August 14, 2011 at 8:00 AM to 12:00 PM
Lapeer County Center Building – 425 County Center Drive
(See map on back of flier)

***** Admission: \$5 *****

**Tables: \$10 at the door &
\$10 in advance**

**Mail-in form for admission & tables at
<http://www.w8lap.com>**

***** Free parking *****

***** All sales inside *****

***** Refreshments available *****

***** Limited electricity available *****

***** Talk-in 146.620-- *****

100 Hz tone

Swap info: kd8vp@arri.net



VE Testing

**Bring the original and a copy of 2
forms of ID, current license, & CSCE
(if any). Contact Bob, N8NE for test
details at 810-653-3856.**

***** NO WALK-INS *****

2011 LCARA Swap Table & Ticket Order

Please Print

Name: _____ Callsign: _____

Address: _____

City, State & Zip: _____

Phone: _____

Tables are \$10 each if purchased before the swap, \$10 each the day of the swap

Number of tables: _____ X \$10.00 = \$ _____

Number of tickets: _____ X \$ 5.00 = \$ _____ Total \$ _____

Electricity: Limited & on first reserved basis. Do you wish electricity? Y N

For mail-in form - online at www.w8lap.com

Mail to: LCARA, Box 12, Hadley, MI 48440-0012

L.C.A.R.A. MEMBERSHIP APPLICATION

PLEASE PRINT:

CALL SIGN: _____ NAME: _____

ADDRESS: _____

CITY ,STATE, AND ZIP: _____

PHONE : _____ LICENSE CLASS: _____

SKYWARN NO.: _____ RACES NO: _____

ARES MEMBER YES ___ NO ___ E-MAIL ADD.: _____

ARE YOU AN A.R.R.L. MEMBER: YES ___ NO ___

L.C.A.R.A. MEMBERSHIP IS \$12.00 PER YEAR, RENEWABLE EACH YEAR ON **OCTOBER. 1ST.** FAMILY MEMBERSHIP \$20.00. ASSOCIATE MEMBERSHIP \$4.00. IF YOU WISH AN AUTODIAL NUMBER FOR THE REPEATER THERE IS AN ADDITIONAL \$3.00 CHARGE. Financing available.

Lapeer County Amateur Radio Association

P.O. Box 12

Hadley, MI 48440-0012

Lapeer County Amateur Radio Association

P.O. Box 12
Hadley, MI 48440-0012

Officers

President: Kevin Boxey KB8TAR, 810-793-4986
Vice President: Chris Azelton KC8TWL, 810-245-0073
Treasurer: Bill Miller KD8VP, 810-797-5329
Secretary: Flo Haack KC8CAB, 810-793-2606

Committees and Appointees

Club Call Trustee W8LAP: Bill Miller KD8VP
Repeater Assistants: KC1BUD, KD8CIL, KD8EBY, KD8EOA
Skywarn Coordinator: Tom Oliver KD8EBY
Swap & Shop Chairperson: Bill Miller KD8VP / in training - Dan Bain KC1BUD
Meeting Refreshments: Bill Miller KD8VP
Newsletter Editor: Kevin Boxey KB8TAR
Field Day Chairman: Joe Medved KD8CIL
Field Day Assistants: KD8EBY, KC1BUD, KB8TAR
Net Manager: Charlie Whipp KC8JBK
Testing Coordinator: **TBD**
County EC: Tom Oliver KD8EBY
County AEC: Joe Medved KD8CIL
County AEC: Kevin Boxey KB8TAR

