



# IKEs

## NEWSLETTER



A SPORTSPERSON'S  
CONSERVATION CLUB  
Conservation Center  
5641 Myers Lake Ave.  
Belmont MI 49306



DWIGHT LYDELLE CHAPTER  
OF THE IZAAK WALTON LEAGUE OF AMERICA

[www.michiganikes.org](http://www.michiganikes.org)

## The IKEs Update

January 2015

### Happy New Year!

Let's make 2015 the best we can, starting with **Winterfest!** Tell one and all to come out and visit the Izaak Walton League on **Saturday, January 24** from 10 to 3.

I hope the place is covered with glistening snow, and kids finding animal tracks, followed by their own tracks as they slide, ski, skate, and make shelters and castles. That reminds me, can you help make some more colorful ice blocks this year? Open an old OJ carton all the way, fill with water,



add 1-2 drops of food coloring, and set outside in the shade to freeze. Bring them on Saturday, along with your friends.

There will also be scouts camped overnight, archery, indoor crafts, birdhouse building or fly-tying, lunch, wilderness first aid, hopefully ice-fishing, skating, cross-country skiing, etc. We could use some people on the 17th to help make sure the trails are clear.

We had such a good time at our permaculture

meeting! About half the group were new people, and I think **Shane Celeste** sparked some good ideas, especially with the rocket stove. There are many ways



Speaker Shane Celeste

to build these stoves that maximize the heat from minimal wood, and we will gather in the spring to build one for cooking outdoors at the IKEs'. We'll see what ideas follow for future workshops. A beekeepers meeting should form in February.

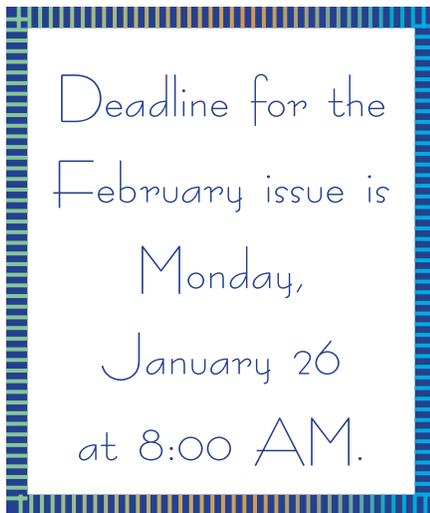
Please, **send me your email address.** When events pop up or change due to weather, it could help. I only use them occasionally.

(continued on page 5)

# IKE's Christmas Dinner

Jay Huston

Another beautiful cold Michigan evening with no snow and ideal driving weather allowed 24 of our loyal IKEs and their guests to attend our **Christmas Dinner** at the Timbers Inn/Restaurant on December 4th. Our social hour was off and running right on time with most of the members and guests ready for action. With the warmth of friendship the hour was moving to the dinnertime and the servers were ready to take our orders, but were asked to hold for 15 minutes for things to wind down a tad. The server staff did their usual efficient job of meeting our requests. As the first course of dinner was being served our treasurer, **Jim Schneider**, arrived just in time. It is interesting to note that about half of our dinner attendees are current and/or past officers and board of director members. This has been the case over the years. It would be great to see more of our active members attending as the dinner is for all IKEs and their guests. Although this was the best year attendance we have had in the past five years, we look forward to more participators next year. All in all a good time was enjoyed by everyone.



## Energy Consumption in the U.S.

Bob Stegmier, IWLA Energy Committee member

I found the information in article on page 3 (*How Do Americans Spend Their Energy Savings? On More Energy*) interesting but not surprising.

As you likely know I am an advocate for and a supporter of "green" energy. I say it is a good thing there is more "green" nonpolluting energy because, as this article points out we find ways to use more energy almost every day. Take special notice of the graphs showing "total" and "average" electricity use since 1980. The total "creeps" up and the "average" creeps down

So what do we do now? I would say find ways to not use energy. For example, I rarely leave a room without turning the lights off, even though we have many **LED** and **Compact Florescent** bulbs throughout our home. Also Gail and I are pretty good at not having

## OFFICERS

**President**, Duane DeVries.....532.9151  
duanedv@earthlink.net

**Vice President**, Georgia Donovan.....  
georgiaddonovanart@gmail.com

**Secretary**, Jim Schneider .....340.4604  
jim-ms@comcast.net

**Treasurer**, Fred Eyer .....363.0253  
fseyer@gmail.com

### Board Members

Barry Gilbertson .....Gilby40@MSN.com

Bruce Gilmore.....365.8892

Maurie Houseman.....560.2895  
mhouseman@grar.com

Jay Huston.....942.2503  
hootjay1@aol.com

Bill Kirk.....874.8230  
bkirk@i2k.com

Len Kizer .....866.4256  
len12sc4mi@yahoo.com

Marylou Sundt ..... 443.7377  
hellomarylou56@yahoo.com

Travis Vanluyn.....723.4550  
travis.vanluyn@gmail.com

Tom Watson.....874.7254  
twatson@comcast.net

Lars Wigert.....866.8626  
wigerts@aol.com

### Conservation Chair

John Stegmier..... fishysteg@msn.com

### Grounds/Maintenance Chair

C. J. Tasma.....887.8542  
handicapsign@gmail.com

### Membership Secretary

Ron Waybrant .....361.1422  
rcwaybrant@gmail.com

### Lodge Rental

Jim Schneider .....340.4604  
jim-ms@comcast.net

the TV on for "company." The radio with good music consumes less energy and is much more calming. Also, as I write this newsletter the sun is shining and my solar systems are producing "green" electricity and hot water, making me feel good! I learned recently that home, rooftop solar voltaic systems now can be installed for around \$3.65 per watt. That means our 2,000-watt system, which produces 35% of our 6,194 kWh annual electric usage could be duplicated for around \$7,300 today. There still is a federal tax credit of 30% of that installation cost and Feed-in Tariff programs offered by most electric companies.

# How Do Americans Spend Their Energy Savings?

## On More Energy

Submitted by Bob Stegmier

### Despite Efforts to Reduce Consumption, Residential Power Use Been Steady for Three Decades

Energy used by appliances such as washing machines has grown sharply since the 1980s.  
*BLOOMBERG*

By Jo Craven McGinty  
*The Wall Street Journal*  
Dec. 12, 2014

Energy use in American homes has hovered around the same level for three decades despite efforts to reduce consumption. Partly, that's because more households are slurping up energy. But it's also because we chug savings generated by energy-efficient homes and appliances.

Restrained we are not.

We build bigger homes, use a greater number of appliances, and plug in more electronic devices than ever before. Those excesses offset genuine reductions in energy consumption produced by better construction and more efficient appliances.

“Economists call it the rebound effect,” said **Leon Glicksman**, a professor of building technology and mechanical engineering who works with the **Energy Initiative at Massachusetts Institute of Technology**. “When the cost of energy is less, people use more of it.”

Falling oil prices, for example, may encourage some residents to turn up the heat or drive more rather than pocket the savings.

The good news is that average residential energy use is down. But overall consumption—around 10 quadrillion

British thermal units a year—is virtually unchanged.

“If you think about what’s available in homes today compared to 35 years ago, I don’t think it’s surprising it hasn’t gone down,” said **Bill McNary** of the **U.S. Energy Information Administration**. “It’s more surprising it has stayed the same.”

New homes have better windows, better insulation and better heating systems. The problem is their size. Homes built in the 1970s and 1980s were typically less than 1,800 square feet. In the 1990s, the average size of new homes increased to 2,200 square feet, and rose to 2,465 square feet in the 2000s.

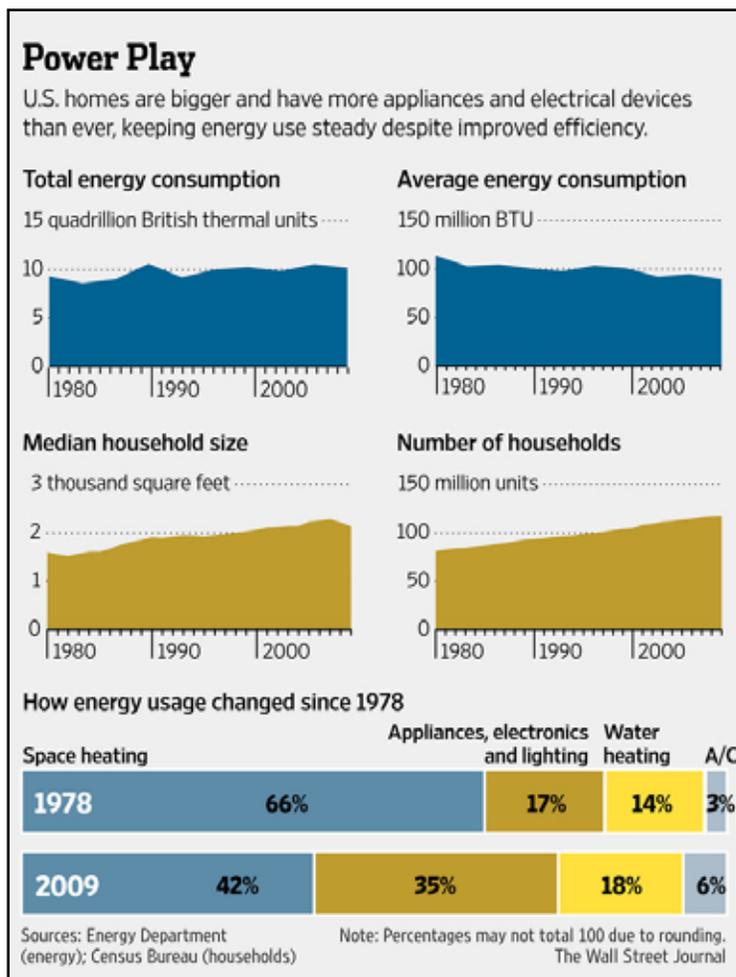
As the floor area of homes increased, so did ceiling height. Twenty-eight percent of homes built in the 1980s have ceilings higher than eight feet. Now, more than half of new homes have high or vaulted ceilings.

In addition, more homes are air-conditioned. Sixty-seven percent of homes built in the 1980s have central air, compared with 89% of home homes built since 2000. Some homes may have been retrofitted.

“As square footage increases, the burden on heating and cooling equipment rises, lighting requirements increase, and the likelihood a household uses more than one refrigerator

increases,” said **Chip Berry**, who manages the **Energy Information Administration’s Residential Energy Consumption Survey**, a nationally representa-

(continued on page 8)



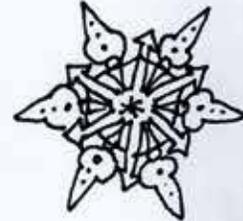


# WINTERFEST



Saturday

Jan. 24th 10am - 3pm



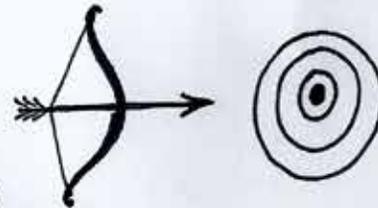
Have some fun at the  
Izaak Walton League!



Archery!  
Snow Shelters  
Winter Scout-Camp!  
Castles

Ice-skating & Fishing... if ice permits!

Cross-country ski trail  
Indoor crafts such as  
birdhouse-building  
& fly-tying



Wilderness First Aid info

Hot Lunch ~ all Free, but donations are welcome!



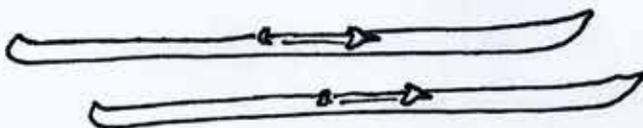
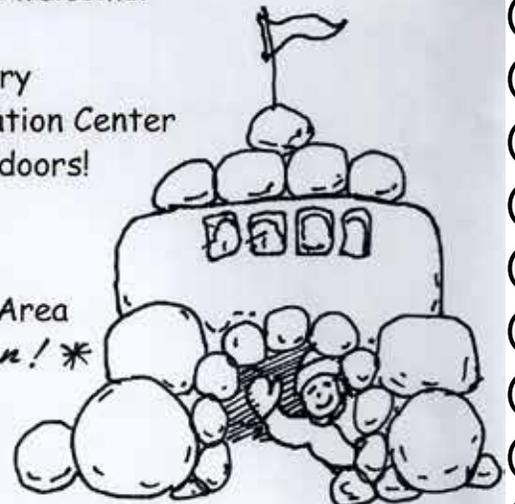
Come explore the winter scenery  
and friendly atmosphere at the Conservation Center  
where they support the Great Outdoors!

Make tracks to: 5641 Myers Lake Ave.

1/2 mi. north of Cannonsburg Ski Area

\* please car-pool if you can! \*

[www.michiganikes.org](http://www.michiganikes.org)



# Mackinac Bridge Tower Tour Silent Auction Item at the Annual Conservation Awards Banquet and Auction Friday March 6, 2015

Ron Waybrant

Our silent auction “tower tour” means an elevator ride to near the top of one of the **Mackinac Bridge** towers and then about a 2 story climb up an enclosed ladder to the top. We’ve heard it is a really spectacular view and other than bridge employees and contractors, only about 50 folks a year can “experience” the tour.

The **State of Michigan** makes these tours available to certified nonprofit organizations to use as a fund raiser, giving out 25 per year (each for 2 people) based on a random drawing from many organizations. We were fortunate to be one of the lucky winners.

The State said organizations typically raise from \$1,000 to \$3,500 from this event, and most typically from silent auctions, or specific raffles with the tour



as the prize. The **DLC** board decided to make this a silent action item in conjunction with our annual

## The IKEs Update

(continued from page 1)

Let 2015 be a good one for conservation! Invite your “wild relatives” into your backyard habitat and celebrate! Share the richness of the outdoors with the little ones. A video game might be fun, but it doesn’t soothe the soul like watching an animal in the snow on a moonlit night.

See you on the 24th?

Georgia

georgiaddonovanart@gmail.com

banquet. We heard from a **Fenton** based organization that their silent auction went at \$1,400 and a **St. Joseph** silent action went for just over \$2,000. So this is a valuable auction item.

In recognition that some adventurous souls are not **IKEs** members and maybe cannot attend our annual banquet on March 6, we’ve established a means to let anyone bid on the tower tour. One does not have to be an **IKEs** member and you could bid for friend or relative or to give a unique gift to a friend if you are so inclined.

Folks can bid early as we are accepting sealed bids before the annual banquet as well as bids at the banquet. Sealed bids must be received **before** the silent auction starts at **6:00 PM Friday evening on March 6**. Alternatively, they can be mailed to: Izaak Walton League, P.O. Box 541, Belmont MI 49306 as long as they are received by **Wednesday, March 4**. The bids can also be **hand delivered** the day of the auction at the start of the banquet, if one chooses not to attend the banquet. Unfortunately bids coming in late cannot be considered in order to be fair to those who were on time. All bids will be opened and evaluated after the silent auction is closed Friday evening.

More information on the tower tour and silent auction will be posted in upcoming newsletters and on our website: **michiganikes.org**



People who want to come to the next Permaculture class on how to build a “rocket stove”!

# Grand River Flooding

John Stegmeier

In late December *M-Live* reported on a proposal by **Grand Rapids Forward**, a new downtown planning group, to improve the flood protection measures along the **Grand River** in Grand Rapids by removing portions of the floodwalls along portions of the river and replacing them with a series of terraces which would improve recreational access to the river as well as reducing the height of flood waters as they come through downtown. The basic idea is simple enough: a wider river channel will allow a greater volume of water to flow through at a lower depth. The difficulty comes with the fact that our bridges and much of the land along the river have been developed for decades without consideration of the idea that the channel may need to be widened. This plan has emerged from the conceptual idea of restoring the rapids promoted by **Grand Rapids White Water** and could be coordinated with it if both plans receive approval.

This is the right way for Grand Rapids to address the issue of flooding. It would be best to also address the issues upstream that help to create sudden large discharges of water, but Grand Rapids has little power to alter the land use and drainage management of several counties and cities upstream. Raising the floodwalls further would protect buildings in Grand

Rapids, but this means that as the discharge volume increases so does the height of the water. The flood of 2013 set record gage heights and endangered bridges. If we were to raise the walls, the water levels in a larger flood would create even more force against the bridges and raise the level of flooding for some distance upstream.

The **USGS** has published a table on the internet: [http://nwis.waterdata.usgs.gov/nwis/peak?site\\_no=04119000&agency\\_cd=USGS&format=html](http://nwis.waterdata.usgs.gov/nwis/peak?site_no=04119000&agency_cd=USGS&format=html) which shows peak discharges for the years and the gage heights associated with them. From this we can see that the river has been forced to flow higher in order to achieve the same volume of water passing through Grand Rapids. That is why the flood of 2013 set record gage heights even though there have been 4 larger floods on record.

Portions of this project could be implemented regardless of whether GRWW proposes a restoration plan that meets with approval, but such drastic work on the river should be coordinated. Restoration of the rapids is a project without time constraints, but achieving flood control could be costly to postpone. We should like to see a plan emerge soon that can incorporate these concepts and maintain the invasive species protection that the dam provides.

Water Year	Date (feet)	Gage Height (cfs)	Stream-flow
1947	Apr. 09, 1947	16.43	38,600
<b>1948</b>	<b>Mar. 23, 1948</b>	<b>17.03</b>	<b>42,200</b>
1949	Feb. 19, 1949	10.6	18,000
1950	Apr. 07, 1950	13.92	27,200
1951	Feb. 23, 1951	11.36	19,800
1952	Apr. 17, 1952	11.07	19,000
1953	Mar. 17, 1953	4.52	8,090
1954	Mar. 29, 1954	10.926	11,500
1955	Mar. 01, 1955	10.44	10,900
1956	13-May-56	17.7	26,000
1957	24-May-57	12.35	13,800
1958	Mar. 04, 1958	11.15	11,900
1959	Mar. 25, 1959	14.41	18,100
1960	Apr. 03, 1960	19.25	31,800
1961	Apr. 29, 1961	10	10,400
1962	Mar. 23, 1962	15.47	20,500
1963	Mar. 22, 1963	8.77	8,890
1964	Apr. 07, 1964	6.76	5,680
1965	Apr. 12, 1965	16.19	22,300
1966	Mar. 26, 1966	8.61	8,700
1967	Apr. 25, 1967	14.15	16,200
1968	Feb. 06, 1968	15.23	20,000
1969	Feb. 03, 1969	12.21	12,000
1970	Apr. 12, 1970	12	12,800
1971	Mar. 01, 1971	16.85	24,600
1972	Apr. 21, 1972	14.34	17,800
1973	Jan. 05, 1973	16.55	23,600
1974	Mar. 09, 1974	16.87	24,600
1975	Apr. 24, 1975	16.82	23,500
1976	Mar. 08, 1976	19.29	28,300
1977	Mar. 10, 1977	9.64	9,290
1978	Apr. 04, 1978	15.09	16,900
1979	Mar. 10, 1979	15.41	17,500
1980	Apr. 12, 1980	9.4	9,170
1981	Feb. 23, 1981	15.34	17,300
1982	Mar. 19, 1982	18.83	26,700
1983	Apr. 17, 1983	13.81	14,800
1984	Feb. 16, 1984	11.38	11,500
1985	Mar. 01, 1985	19.64	30,200
1986	Mar. 17, 1986	17.42	22,300
1987	Oct. 04, 1986	19.25	28,300
1988	Apr. 11, 1988	12.122	12,400
1989	Jun. 05, 1989	15.2	17,100
1990	Mar. 16, 1990	16.49	20,800
1991	Dec. 02, 1990	15.402	17,400
1992	Apr. 30, 1992	12.34	12,700
1993	Apr. 24, 1993	16.1	18,900
1994	Feb. 24, 1994	13.62	14,500
1995	Nov. 09, 1994	12.6	13,000
1996	Jun. 22, 1996	15	16,900
1997	Feb. 25, 1997	17.87	23,500
1998	Mar. 23, 1998	13.5	14,300
1999	Apr. 27, 1999	15.15	17,200
2000	22-May-00	17.42	21,400
2001	Feb. 14, 2001	16.07	20,900
2002	Mar. 13, 2002	13.04	14,400
2003	Apr. 07, 2003	8.23	7,690
2004	27-May-04	19.54	29,000
2005	Jan. 17, 2005	14.272	16,800
2006	Mar. 17, 2006	13.71	15,600
2007	Mar. 16, 2007	13.93	16,100
2008	Apr. 15, 2008	13.042	14,700
2009	Dec. 31, 2008	17.84	24,700
2010	Mar. 16, 2010	13.19	15,300
2011	1-May-11	16.34	21,300
2012	Mar. 06, 2012	11.09	11,900
<b>2013</b>	<b>Apr. 21, 2013</b>	<b>21.85</b>	<b>35,100</b>

# Cannon Township Welcomes The Rogue River Watershed Partners

Julie Lovelace, RRWP

Submitted by Bob Stegmier

Copied from the *Cannon Communicator* quarterly newsletter:

Recently the **Rogue River Watershed Partners** was formed out of an existing group of individuals committed to the preservation and betterment of this unique and delicate freshwater source.

The mission of the Rogue River Watershed Partners is the long-term enhancement, promotion and protection of the Rogue River, its tributaries and the watershed through education, community stewardship and watershed-based land-use planning. They envision a healthy, sustainable Rogue River with a strong organization (including watershed residents, governments, recreationists, businesses and organizations) working to protect it.

The Rogue River Watershed Partners are members of the Lower Grand River Organization of Watersheds (LGROW). Cannon Township (**Bear Creek**) is also a member of LGROW.

Cannon Township supports the efforts of this organization. Did you know that the northwest section of Cannon Township (including **Lake Bella Vista** and **Silver Lake**) belongs to the Rogue River Watershed? The rest of the Township is predominantly the Bear Creek Watershed, but also included are **Seely Creek** (northeast tip) and the **Grand River** (southwest). Both the Rogue River and Bear Creek flow into the Grand River.

One of my main teaching points about watersheds is that what happens in one watershed affects all other watersheds as the water flows through. From a freshwater standpoint, we are all in this together. Cannon Township encourages your involvement and commitment to our watersheds. If you would like to become a member of the Rogue River Watershed Partners contact them on Facebook or contact me at [jlovelace@cannontwp.org](mailto:jlovelace@cannontwp.org) or

616.884.2206 at Cannon Township. Membership forms are available at the front counter. Rogue River Watershed Partners meetings are held the second Wednesday of every month at Cannon Township at 9:30 a.m. All are welcome.

From Bob Stegmier: For further information go to <http://rogue-river.org> to see the full **Strategic Plan**. The RRWP supersedes the former Rogue River Watershed Council when the groups applied for and was awarded its own 501-c-3 non-profit status. Our **Dwight Lydell Chapter** has a rather long history of working with this group beginning with **John Trimberger**, about 15 years ago followed by **Duane DeVries** and **Bob Stegmier** and along there someplace **Gretchen Zuiderveen** came on board. Duane has now stepped down. I suspect I will also in the next year or so. So others need to step into our shoes and stand beside Gretchen and keep the ball



Retention Pond built on Cedar Creek in Cedar Springs

rolling. Remember we all live in a watershed and the problems run the gamut from flooding to stormwater runoff to water pollution to invasive species and on and on. Contact me please, your help is appreciated and you get self-satisfaction from your efforts. Remember to visit the website!

**TO SEE THIS AND PAST EDITIONS OF THE  
NEWSLETTER AND NATIONAL IKES  
INFORMATION PLEASE VISIT OUR WEBSITES:**

[www.michiganikes.org](http://www.michiganikes.org)  
[www.iwla.org](http://www.iwla.org)

# How Do Americans Spend Their Energy Savings?

## On More Energy

(continued from page 3)

tive sample of housing units used to estimate energy use and guide policy-making.

The allocation of home energy use also has changed. While the footprint is about the same, its shape is different.

In the 1980s, heating units consumed 56% of energy used. Now, they consume only 42% of residential energy. Meanwhile, energy used by appliances and electronic devices has grown to 35%, up from 21% in the 1980s—an increase that has occurred while federal energy-efficiency standards were enacted on every major appliance.

“Thirty years ago, there were a bunch of big targets,” said **Eileen O’Brien**, who leads the buildings surveys statistics team at the Energy Information Administration. “Now, there are a bunch of little ones.”

If not for the proliferation of electronic devices, Ms. O’Brien said, energy use would be going down.

“On one hand, we’re told to conserve energy,” said **Catherine Wolfram**, faculty director at **Berkeley’s Energy Institute at Haas**. “On the other hand, we’re given lots and

lots of opportunity to use energy in different ways.”

More homes have computers, extra televisions, and peripheral devices such as digital video recorders, game systems, cellphone chargers—and extra refrigerators.

Rather than discarding old refrigerators, the Residential Energy Consumption Survey indicates that many residents, with room to spare, purchase a new model but keep the existing unit. Old refrigerators use around 1,200 kilowatt-hours of energy a year, compared with energy-efficient models that use about 400 kilowatt-hours a year.

“It’s like parking a boat in your living room from an energy perspective,” said Ms. O’Brien, who said she has a second refrigerator she turns on for a few days around the holidays. “It’s old as dirt, but it keeps beer cold.”

Concern over home energy use arises in part from its contribution to greenhouse gases. The **Environmental Protection Agency** says the largest source of greenhouse-gas emissions from human activities is fossil fuels burned for electricity, heat and transportation.

In the U.S., residential energy use contributes 20% of greenhouse-gas emissions, according to **Jeanie Renné-Malone**, director of greenhouse-gas management services for **HDR Inc.**, a consulting firm based in Omaha, Neb.

The Energy Information Agency forecasts that current home energy use will continue at about the same rate for another 30 years. But many researchers are more concerned about the rest of the world.

“In the U.S., the big issue is retrofitting homes” to make them more energy-efficient, Mr. Glicksman said. “We build 1 million homes a year, but there are 100 million out there.

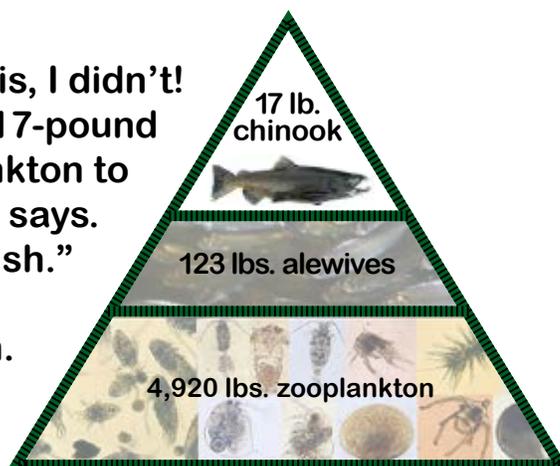
“In China,” he continued, “they may build 10 million housing units a year. Granted, we should set a good example here in the western world, but we really need to think how to persuade people in other parts of the world to not follow our foolish ways.”

**Write to Jo Craven McGinty at Jo.McGinty@wsj.com.** (Copied from *The Wall Street Journal*.)

**Bet you didn’t know this, I didn’t!**  
**“You need 123 pounds of alewives to make a 17-pound chinook, and you need 40 pounds of zooplankton to make one pound of alewives,” he says.**  
**“That’s a whole lot of zooplankton for one fish.”**

**From: *A Great Lakes Revival* by John Eagan.**

**Bob Stegmier**



# THOUGHT OF THE MONTH

## JAY HUSTON

*I believe that there is a subtle magnetism in Nature, which, if we unconsciously yield to it, will direct us aright.*

*Henry David Thoreau*

*Marney MacAdam wishes to thank the generous contributions made to the IKEs in the name of her husband, Ken, who passed away this past October and for the many good friends and good times they have had with the IKEs.*



*Submitted by  
Maurie Houseman*

### Membership Application ... Izaak Walton League of America

Dwight Lydell Chapter, 5641 Myers Lake Ave. Belmont MI 49306

Conservation Needs a Friend ..... Ask a friend to join the IKEs!

NAME \_\_\_\_\_

SPOUSE \_\_\_\_\_ CHILDREN & AGES \_\_\_\_\_ HOME PHONE \_\_\_\_\_ BUSINESS PHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DATE \_\_\_\_\_ E-MAIL ADDRESS \_\_\_\_\_ SPONSOR \_\_\_\_\_

\_\_\_\_\_ Individual - \$52, \_\_\_\_\_ Family - \$72, \_\_\_\_\_ Student (18-21) - \$24, \_\_\_\_\_ Youth (under 18) - \$12.00

Mail to Izaak Walton League, PO Box 541, Belmont MI 49306. Checks payable to "Izaak Walton League"  
Call Ron at 616.361.1422 for more information. A gate key is provided upon receipt of membership fee. You can pick up your key at the next dinner at the lodge. Please enjoy the 39 acres.

Indicate which of these important committees you're interested in working on:

Natural Features Stewardship \_\_\_\_\_ Finance \_\_\_\_\_ Membership \_\_\_\_\_ Building & Grounds \_\_\_\_\_

Conservation \_\_\_\_\_ Programs \_\_\_\_\_ Every Member Dinners \_\_\_\_\_

The Izaak Walton League of America – a non-profit conservation organization – is recognized as a Section 501(c)(3) public charity under the Internal Revenue Code.

# DWIGHT LYDELL CHAPTER of the IZAAK WALTON LEAGUE of AMERICA

## Draft Core Event Schedule 2015

NOTE: This is a draft schedule. Especially for late year events you can check for updates in our newsletters and on our website along with notice of special events that come up on short notice and are

not listed on this Event Schedule. Also additional information about these listed events can be found in the newsletter and on the website.

Scheduled	Event & Location
January 24, Saturday 10am-3pm.....	Winterfest Family Outing @ CC
March 6, Friday .....	Conservation-Awards-Fund Raiser Banquet
March 19, 20, 21 & 22 .....	Ultimate Sport Show-Grand Rapids
April 23, Thursday .....	Fish & Game Dinner & Program
May 2, 9, 16, 23, Saturdays .....	Kids Fishing & Native Plants @ CC, 9AM-Noon
May 14, Thursday .....	Steak Dinner, Annual Meeting-& Short Program
June 6, Saturday .....	Fix up/Clean up Day 9-?, work, eat, play, campfire
June 10, 17, & 24, Wednesdays .....	Kids Fishing @Versluis Lake, 6:30-8 pm
June 20, Saturday, 10am-3pm .....	Summerfest Community Family Day @ CC
July 14-17 .....	2015 IKE's National Convention, Pierre, SD
July 18, Saturday .....	Native Plants for Everyone, Tear Drop Island (IKEs)
August 13, Thursday .....	Ribs Outdoor Cooking Competition @ CC
September 9, Wednesday.....	Oktoberfest @ CC
September 17, Thursday.....	Fix up/Clean up/play 6PM @ CC
October 7, Wednesday .....	Chili Cook-off/Potluck @ CC
November 19, Thursday.....	Game Dinner @ CC
December 3, Thursday .....	Christmas Dinner @ Timbers Restaurant

Website –[www.michiganikes.org](http://www.michiganikes.org)

CC is the Conservation Center/Lodge @ IKEs Property located at 5641 Myers Lake Avenue

Mailing address is Izaak Walton League, PO Box 541, Belmont MI 49306

# Can Coal Ever Be Clean

Bob Stegmier, Environment and Energy Resource Committee member, IWLA

I just am just now reading “*Can Coal Ever Be Clean*” in my April 2014 issue of *National Geographic* and again they have printed a very good extensive article. Captions at the beginning are:

- 1) Coal provides 40% of the world electricity.
- 2) It produces 39% of global CO2 emissions.
- 3) It kills thousands a year in mines and many more with polluted air.

I urge you find an issue to read because there is just too much to put into an IKE’s newsletter.

*Dr. Vardiman is Chair of the Department of Astro/geophysics. Cite this article: Vardiman, L. 2008: Does Carbon Dioxide Drive Global Warming? Acts & Facts. 37 (10): 10.*

A commonly seen graph illustrating what is claimed to be a causal correlation between CO2 and

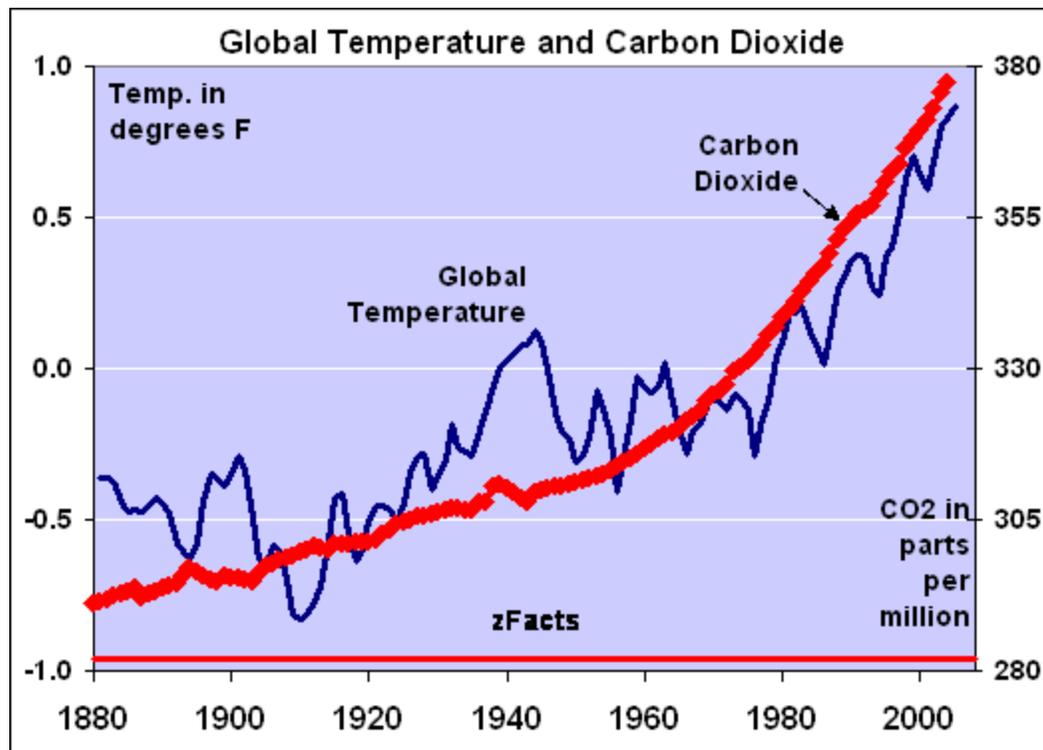
temperature, with CO2 as the cause. (Image courtesy Zfacts.com)

## A study: The temperature rise has caused the CO2 Increase, not the other way around

Anthony Watts / June 9, 2010

From Watts up with that? The world’s most viewed site on global warming and climate change. For information on IWLA-associated policy visit [iwla.org](http://iwla.org) and **IWLA Conservation Policies**. This guide summarizes official positions developed by the Izaak Walton League over more than 90 years of work on conservation issues.

Also think about attending the **2015 IWLA National Convention** in Pierre S.D. this next summer July 14-17.



**Send us your fishing, camping or other outdoor stories and we'll publish them in the newsletter. Send plain text and a photo or two, jpg format to:**

**TWWATSON@COMCAST.NET**



Dwight Lydell Chapter  
of the Izaak Walton League  
4905 Cresthill Dr NE  
Grand Rapids, MI 49525

Nonprofit  
Organization  
U.S. Postage Paid  
Rockford, MI  
Permit No. 208

Please don't throw this newsletter away -  
pass it on to a friend.

RETURN SERVICE REQUESTED

Printed on recycled paper

Defenders of Soil, Air, Woods, Waters and Wildlife

# Enjoy the outdoors at **WINTERFEST!**

**Saturday, January 24  
10am - 3pm**

**Open to the Community!  
Outdoor winter fun:**

archery  
ice-fishing  
snow castles  
nature trails  
snow-shoeing  
cross-country  
skiing



bird-crafts  
sledding  
snow games  
**FREE LUNCH  
AND MORE!**

**Come help out or  
join in on the fun!**

**ALL FREE!**

**Coming Up  
March 6**



**The  
Conservation  
Awards  
Banquet  
and Auction**