



# *Wisconsin's* GREAT LAKES!

# 2010-2011 CALENDAR

Wisconsin Department of Natural Resources  
Office of the Great Lakes

# Wisconsin's GREAT LAKES!

Wisconsin is bordered to the north and east by two of Earth's largest lakes. To the north, Lake Superior forms the largest expanse of freshwater in the world. To the east lies Lake Michigan, the largest freshwater lake entirely within the United States. Lake Michigan and Superior along with Huron, Erie and Ontario and their tributaries form the largest freshwater ecosystem on earth. The Great Lakes/St. Lawrence River watershed covers parts of eight states and two Canadian provinces.

Our Great Lakes are vast. They are also vulnerable. From manufacturing, shipping, and cooling water for energy production, to tourism and drinking water, we rely heavily on these lakes. But each of these uses



Photo by JOANN WILL

puts stress on Lake Michigan and even on the more pristine Lake Superior. Polluted runoff and sediment from farm fields and cities, habitat loss, invasive species, toxic sediment, and climate change threaten our Great Lakes.

We hope that our 3rd annual calendar will be a daily reminder of how magnificent Wisconsin's Great Lakes are and how we can all help protect them. The calendar is a collection of photos from our 2010 photo contest, poems submitted by Wisconsin authors, lake information and fun facts, and some simple steps all of us can take to help protect these unique and vulnerable resources.

Photographers from Wisconsin and beyond submitted over 200 beautiful photos for this year's contest. Wisconsin authors contributed a lovely collection of poems and essays to our Great Lake Writing Project. The photos and writings clearly show that the Great Lakes are among Wisconsin's most scenic and beloved natural resources.

**Thank you to all  
2010 photographers  
and authors for sharing  
your talent with us!**



Photo by BOB BARR



Photo by PHILLIP L. BILLINGS

COVER PHOTO: "Sunrise Point Trail" by DAVE MIESS, Big Bay State Park, Madeline Island

BACKGROUND PHOTO ON THIS PAGE: "Bark Bay Slough" by JOANNE KLINE

Visit the Office of Great Lakes website to see more photos and writing submissions  
<http://dnr.wi.gov/org/water/greatlakes/contest/>



*“The Great Lakes are the reason that you can look at a picture of Earth from space and find Wisconsin right away. They have shaped our history, our cities, our industry and our recreation. And, just as they have formed this region, they will continue to help determine our future.”*

– GOVERNOR JIM DOYLE



Photo by JOHN GLOWACKI

## Great Lakes Restoration Initiative

It's an exciting time for everyone who loves Lake Michigan and Lake Superior. And it's an historic time for those who want to protect and restore them. Congress and President Obama have set aside \$475 million for a new Great Lakes Restoration Initiative (GLRI). The GLRI will provide funding to protect and clean up the Great Lakes. Projects funded through the EPA's grant process must address one or more of these focus areas: toxic substances and Areas of Concern (where contaminated sediments remain buried in harbors); invasive species; run-off pollution and near-shore health; habitat and wildlife protection and restoration; or monitoring, evaluation and communication.



*“It is hard to overestimate how important the GLRI is to the Great lakes. Never before have they gotten such attention and funding. This is an incredible opportunity for us to get some great work done to protect and restore this priceless water resource.”*

– MATT FRANK  
DNR Secretary



Photo by PHYLLIS BANKIER

**Great things are happening on our Great Lakes!** For more information about the GLRI and updates on Wisconsin's funded projects, visit [dnr.wi.gov/org/water/greatlakes/glri/](http://dnr.wi.gov/org/water/greatlakes/glri/)

## “Wisconsin’s Great Lakes” PHOTO CONTEST

Send us your best photos of Lake Michigan or Lake Superior. We're looking for beautiful shorelines, kids and adults enjoying the lakes, cultural and historic aspects of the lakes, and people involved in lake protection or restoration. Winning photos will be used in the 2011-2012 “Wisconsin’s Great Lakes” calendar and in other Wisconsin DNR publications, presentations, websites and displays. Photo submission deadline is February 1, 2011. *Photos in all seasons are needed!*

### Entry Categories:

1. **People enjoying Wisconsin’s Great Lakes.** Images of people fishing, canoeing, sailing, playing on the beach, etc.
2. **Natural features and wildlife.** Great Lakes shoreline, wetlands and tributaries, fish and other wildlife.
3. **Historic and cultural features.** Lighthouses, harbor towns, festivals, shipping, etc.
4. **Lake protection activities.** GLRI projects, storm drain stenciling, beach clean-ups, sturgeon guards, research, etc.

### Rules:

1. The contest is open to anyone. Limit 3 entries per photographer.
2. Photos must be submitted electronically. Attach each photo (jpeg format) to a separate e-mail.
3. In each e-mail, please include the photo title, where in Wisconsin the photo was taken, the entry category, your name, e-mail address, mailing address, and phone number(s).  
Submit to: [DNRGreatLakesphotocontest@wisconsin.gov](mailto:DNRGreatLakesphotocontest@wisconsin.gov).
4. Photos must be high resolution, horizontal in orientation, and taken in Wisconsin. They must be of Lake Michigan or Lake Superior or their tributaries and wetlands.
5. The Wisconsin DNR reserves the right to use an electronic or print copy of any image entered in the contest for non-commercial educational or promotional use with credit to the photographer. For example, photos may be used for DNR displays, slide shows, videos, publications and website.

### Judging:

Photos will be judged by a panel of Wisconsin DNR staff. Criteria for judging will include creativity, visual and technical merit, and composition.

### Awards and Prizes:

Winning photographs will be included in the 2011–2012 “Wisconsin’s Great Lakes” calendar. Winning photographers will be contacted by mail, phone or e-mail and will receive the calendar by mail.

**E-mail photos and entry information to:** [DNRGreatLakesPhotoContest@wisconsin.gov](mailto:DNRGreatLakesPhotoContest@wisconsin.gov)

## “Wisconsin’s Great Lakes” WRITING PROJECT

Is your talent writing? Send us your original Great Lakes quote, essay, poem, song or rap. Help get the word out about how great Wisconsin’s Great Lakes are. Share your favorite writings with us and you may find your words on our website, calendar, publications and displays! (All authors will be credited.) Writers of all ages are encouraged to participate.

**E-mail writings to:** [DNRGreatLakesWriting@wisconsin.gov](mailto:DNRGreatLakesWriting@wisconsin.gov)







ABOVE: "Autumn on Little Joe Rapids"  
by GERVAISE THOMPSON  
Brule River

# October 2010

## Superior Memories

— by JEAN BIEGUN

*You must give to the rivers  
the kindness you would give  
to any brother.* — CHIEF SEATTLE

Autumn kayak takes you  
close to sister wind.  
Her quick laughter  
lifts you near drying reeds,  
by red-wing blackbird's  
abandoned nests  
quiet now these chilled days.

One hand in cold water  
finds the marsh ready  
for the season of rest.  
Fat muskrat in cattails  
sets to den-building.  
You nod and paddle on.

Trees of yellowed leaves signal  
to yield for a fallen branch.  
This artery of water feels alive  
around your thin floating shell.  
You coast like a seed pod  
trusting brother river, and  
sister wind brings you home.



Photo by BRENT ZEINERT

| SUNDAY   | MONDAY  | TUESDAY                        | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|--|---|--------------------------------|-----------|----------|--------|----------|
| <p>SEPTEMBER 2010</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30</p> | <p>NOVEMBER 2010</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p> | <p>Photo by PHILIP SCHWARZ</p> |           | 1        | 2      |          |
| 3  | 4   | 5                              | 6         | 7        | 8      | 9        |
| 10   | 11<br>Columbus Day  | 12                             | 13        | 14       | 15     | 16       |
| 17   | 18<br>Clean Water Act<br>signed in 1972   | 19                             | 20        | 21       | 22     | 23       |
| 24   | 25  | 26                             | 27        | 28       | 29     | 30       |
| 31<br>Halloween  |   |                                |           |          |        |          |



EAGLE  
MPL MN

ABOVE: "Eagle" by HEIDI BERGEY  
Cornucopia, WI

# November 2010

## Keep Chemicals Out of Our Waters

In 2002, 80% of the streams sampled by the USGS in 30 states contained medicines, hormones, steroids and personal care products like soaps, perfumes and cosmetics. Most of these chemicals are not removed at the wastewater treatment plant and can end up in our rivers and lakes.

The reproduction and development of frogs, salamanders and other water critters can be seriously affected by long-term exposure to these chemicals. We can all help keep these products out of our waterways by buying only what we need, using up the products when possible, and properly disposing of any remaining products to keep them out of the wastewater leaving our homes.

For more information on proper disposal, contact your local Clean Sweep program or visit [dnr.wi.gov/org/aw/wm/pharm/household.htm](http://dnr.wi.gov/org/aw/wm/pharm/household.htm)

| SUNDAY   | MONDAY | TUESDAY | WEDNESDAY  | THURSDAY               | FRIDAY   | SATURDAY   |
|--|--------|---------|--|------------------------|--|--|
| <br>Photo by REBEKAH TADYCH | 1      | 2       | 3  | 4                      | 5  | 6  |
| 7<br>Daylight Savings Time Ends  | 8      | 9       | 10   | 11<br>Veterans Day     | 12   | 13   |
| 14   | 15     | 16      | 17   | 18                     | 19   | 20   |
| 21   | 22     | 23      | 24   | 25<br>Thanksgiving Day | 26   | 27   |
| 28   | 29     | 30      | <br>Photo by BILL ROBBINS |                        | <b>OCTOBER 2010</b><br>S M T W T F S<br>1 2<br>3 4 5 6 7 8 9<br>10 11 12 13 14 15 16<br>17 18 19 20 21 22 23<br>24 25 26 27 28 29 30<br>31 | <b>DECEMBER 2010</b><br>S M T W T F S<br>1 2 3 4<br>5 6 7 8 9 10 11<br>12 13 14 15 16 17 18<br>19 20 21 22 23 24 25<br>26 27 28 29 30 31 |



Photo by JOANN WILL



ABOVE: "Brule's First Snow"  
by CATHERINE KHALER  
Bois Brule River, Brule, WI

# December 2010

## Lake Superior National Estuarine Research Reserve

The National Estuarine Research Reserve (NERR) System is a network of protected areas established for long-term research, education and stewardship. This partnership program between NOAA and the coastal states protects more than one million acres of estuarine land and water, which provides essential habitat for wildlife; offers educational opportunities for students, teachers and the public; and serves as living laboratories for scientists.

The newly-established Lake Superior National Estuarine Research Reserve is situated on the freshwater estuary at the confluence of the St. Louis River and Lake Superior, the largest and most pristine of the Great Lakes. The Reserve is a large, diverse complex that contains a variety of representative terrestrial and aquatic habitats.

To learn more visit [freshwaterestuary.uwex.edu/projects/nerr.html](http://freshwaterestuary.uwex.edu/projects/nerr.html)



Photo by HAROLD H. SCHWEIK

| SUNDAY  | MONDAY   | TUESDAY                        | WEDNESDAY   | THURSDAY  | FRIDAY                          | SATURDAY                       |
|---|--|--------------------------------|---|-----------|---------------------------------|--------------------------------|
| <p>NOVEMBER 2010</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p> | <p>JANUARY 2011</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p> | <p>Photo by JEFF LANGE</p>     | <p>1</p> <p>Hanukkah begins at sundown</p>          | <p>2</p>  | <p>3</p>                        | <p>4</p>                       |
| <p>5</p>  | <p>6</p>   | <p>7</p>                       | <p>8</p> <p>Great Lakes Compact enacted in 2008</p> | <p>9</p>  | <p>10</p>                       | <p>11</p>                      |
| <p>12</p> <p>Great Lakes Restoration Strategy released in 2005</p>  | <p>13</p>  | <p>14</p>                      | <p>15</p>   | <p>16</p> | <p>17</p>                       | <p>18</p>                      |
| <p>19</p>   | <p>20</p>  | <p>21</p> <p>Winter Begins</p> | <p>22</p>   | <p>23</p> | <p>24</p>                       | <p>25</p> <p>Christmas Day</p> |
| <p>26</p> <p>Kwanzaa Begins</p>   | <p>27</p>  | <p>28</p>                      | <p>29</p>   | <p>30</p> | <p>31</p> <p>New Year's Eve</p> | <p>Photo by DENNIS YOCKERS</p> |



ABOVE: "Below Zero" by JOANN WILL  
1st Place – Cultural and Historic Features  
Manitowoc, WI

# January 2011

## New Year's Resolution: Pick 5 For the Environment!

Visit EPA's "Pick 5" website to learn how simple actions can protect the Earth. Take the pledge with your family (or classroom). This international effort is a fun way to start taking positive steps for the environment. Share your actions through Facebook, Twitter or Flickr and start a movement. EPA's website has lots of great ways we can all help protect the Earth at home, at school, at work, while shopping, in our communities, and while travelling. Ideas presented here directly or indirectly benefit our Great Lakes ecosystem.

To learn more, visit  
[www.epa.gov/pick5/](http://www.epa.gov/pick5/)

Remember to submit your best Great Lakes photos! See information on the first pages of this calendar. The deadline is **February 1, 2011**.



Photo by BILL MATTES

| SUNDAY  | MONDAY                 | TUESDAY  | WEDNESDAY   | THURSDAY  | FRIDAY              | SATURDAY |
|---|------------------------|--|---|---|---------------------|----------|
|  |                        | DECEMBER 2010<br>S M T W T F S<br>1 2 3 4<br>5 6 7 8 9 10 11<br>12 13 14 15 16 17 18<br>19 20 21 22 23 24 25<br>26 27 28 29 30 31<br>Photo by NANCY GILL | FEBRUARY 2011<br>S M T W T F S<br>1 2 3 4 5<br>6 7 8 9 10 11 12<br>13 14 15 16 17 18 19<br>20 21 22 23 24 25 26<br>27 28<br>Photo by PHILIP SCHWARZ |  | 1<br>New Year's Day |          |
| 2   | 3                      | 4  | 5   | 6   | 7                   | 8        |
| 9   | 10                     | 11   | 12  | 13  | 14                  | 15       |
| 16  | 17                     | 18   | 19  | 20  | 21                  | 22       |
| Soo Locks close to ships  | Martin Luther King Day |  |   |   |                     |          |
| 23  | 24                     | 25   | 26  | 27  | 28                  | 29       |
| 30  | 31                     |  |   |   |                     |          |



ABOVE: "Weborg's Dock" by PAUL SCHWENDEL  
2nd Place – Cultural and Historic Features  
Gills Rock, WI

# February 2011

## Prevent Polluted Runoff

Polluted runoff from farms and cities threatens Wisconsin's waters.

We can help! Leave grass clippings in place after mowing and test your soil before fertilizing lawns. Seed bare ground and cover with mulch to decrease erosion. Plant a rain garden and direct your downspouts toward it. Compost excess leaves and plant-based food scraps. Shred leaves and chip branches for mulch. Instead of fertilizing, add mulch or compost to perennial gardens each year. Maintain your septic system if you have one. Manage pet waste.

For more information visit [clean-water.uwex.edu/pubs/home.htm](http://clean-water.uwex.edu/pubs/home.htm) or [v2.mmsd.com/HowToHelp.aspx](http://v2.mmsd.com/HowToHelp.aspx)

For information on beneficial landscaping, visit [www.epa.gov/greenkit/landscap.htm](http://www.epa.gov/greenkit/landscap.htm)

| SUNDAY  | MONDAY                | TUESDAY  | WEDNESDAY   | THURSDAY                | FRIDAY       | SATURDAY |            |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|-----------------------|--|---|-------------------------|--------------|----------|------------|----|----|----|----|------------|----|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|---|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  |                       | 1<br>Photo by MELODY F. WALSH  | 2<br>Groundhog Day ●  | 3<br>Chinese New Year ● | 4            | 5        |            |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6   | 7                     | 8  | 9   | 10                      | 11<br>☾      | 12       |            |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13  | 14<br>Valentine's Day | 15   | 16  | 17                      | 18<br>○      | 19       |            |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20  | 21<br>President's Day | 22   | 23  | 24<br>☾                 | 25           | 26       |            |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27  | 28                    |  | <table border="1"> <thead> <tr> <th colspan="7">JANUARY 2011</th> <th colspan="7">MARCH 2011</th> </tr> <tr> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td>1</td><td></td> <td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td> <td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> <tr> <td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td> <td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td> </tr> <tr> <td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td> <td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td> </tr> <tr> <td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td> <td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td> </tr> <tr> <td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> |                         | JANUARY 2011 |          |            |    |    |    |    | MARCH 2011 |    |  |  |  |  |  | S | M | T | W | T | F | S | S | M | T | W | T | F | S |  |  |  |  |  | 1 |  |  |  | 1 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 27 | 28 | 29 | 30 | 31 |  |  | 30 | 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JANUARY 2011  |                       |  |   |                         |              |          | MARCH 2011 |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S   | M                     | T  | W   | T                       | F            | S        | S          | M  | T  | W  | T  | F          | S  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                       |  |   |                         | 1            |          |            |    | 1  | 2  | 3  | 4          | 5  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2   | 3                     | 4  | 5   | 6                       | 7            | 8        | 6          | 7  | 8  | 9  | 10 | 11         | 12 |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9   | 10                    | 11   | 12  | 13                      | 14           | 15       | 13         | 14 | 15 | 16 | 17 | 18         | 19 |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16  | 17                    | 18   | 19  | 20                      | 21           | 22       | 20         | 21 | 22 | 23 | 24 | 25         | 26 |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23  | 24                    | 25   | 26  | 27                      | 28           | 29       | 27         | 28 | 29 | 30 | 31 |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30  | 31                    |  |   |                         |              |          |            |    |    |    |    |            |    |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |   |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |



Photo by DOUG STAMM

Photo by SHIRLEY BIRR



ABOVE: "Where Waves Come to Play"  
by JEFF RENNICK  
Apostle Islands Sea Caves

# March 2011

## Rain Barrels

During the peak months of July and August, American homes use as much as 1,000 gallons of water a day. Rain barrels are a great way to conserve water during the summer. The barrels are inexpensive and easy to install. Rain barrels collect water from rooftops to use later for lawns and gardens and can save more than 1,300 gallons of water during peak summer months.

Rain barrels can be found at home and garden stores, hardware stores and nurseries, or can be home-made using simple tools, inexpensive hardware, and a reused barrel. Some non-profit groups also supply rain barrels and can be found on the internet.

To learn more, visit  
[v3.mmsd.com/RainBarrels.aspx](http://v3.mmsd.com/RainBarrels.aspx)

A rain barrel can be a work of art! For painting tips, see the Milwaukee Metropolitan Sewerage District's web page at  
[v3.mmsd.com/rbcustomize.aspx](http://v3.mmsd.com/rbcustomize.aspx)

For more information about water conservation, visit  
[www.epa.gov/watersense/water\\_efficiency/](http://www.epa.gov/watersense/water_efficiency/)



Photo by JUANITA CARRON

| SUNDAY  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY          | FRIDAY  | SATURDAY   |
|---|--------|---------|-----------|-------------------|---|--|
|  |        | 1       | 2         | 3                 | 4   | 5  |
| 6   | 7      | 8       | 9         | 10                | 11  | 12   |
| 13  | 14     | 15      | 16        | 17                | 18  | 19   |
| Daylight Savings Time Begins  |        |         |           | St. Patrick's Day |   |  |
| 20  | 21     | 22      | 23        | 24                | 25  | 26   |
| Spring Begins   |        |         |           |                   | Soo Locks open to ships   |  |
| 27  | 28     | 29      | 30        | 31                | <b>FEBRUARY 2011</b><br>S M T W T F S<br>1 2 3 4 5<br>6 7 8 9 10 11 12<br>13 14 15 16 17 18 19<br>20 21 22 23 24 25 26<br>27 28 | <b>APRIL 2011</b><br>S M T W T F S<br>1 2<br>3 4 5 6 7 8 9<br>10 11 12 13 14 15 16<br>17 18 19 20 21 22 23<br>24 25 26 27 28 29 30 |



ABOVE: "Sea Lamprey Control" by **BILL MATES**  
 2nd Place – Lake Protection Activities  
 Bad River Indian Reservation, WI

# April 2011

## Plant Trees for Polar Bears!

Planting trees in Wisconsin helps conserve polar bear habitat in the Arctic. Trees act as "carbon sinks" absorbing carbon out of the air and converting it into plant material. Trees sequester this carbon in roots, trunks, stems and leaves while they grow, and in wood products after they are harvested. Each year, one acre of trees absorbs enough carbon to equal what a car driven 8,700 miles produces. Less carbon in the atmosphere means better conditions for Arctic ice and improved polar bear habitat and survival.

Closer to home, tree planting can help maintain Great Lakes water levels, preserve our cold water fisheries and protect our wetlands, all of which are threatened by climate change.

By planting trees you can help slow the effects of climate change. Every tree planted makes a difference!

For more information, visit [dnr.wi.gov/forestry/polarbear/](http://dnr.wi.gov/forestry/polarbear/)



Photo by **JULIE STEINHOFF**

| SUNDAY   | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
|--|--------|---------|-----------|----------|--------|----------|---|--|---|---|---|---|---|--|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--------------------------------------|--|---|---|--|
| <p><b>MARCH 2011</b></p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td></td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table> | S      | M       | T         | W        | T      | F        | S |  | 1 | 2 | 3 | 4 | 5 |  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  | <p><b>MAY 2011</b></p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table> | S | M | T | W | T | F | S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  | <p>Photo by <b>KEVIN WARNING</b></p> |  | 1 | 2 |  |
| S  | M      | T       | W         | T        | F      | S        |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
|  | 1      | 2       | 3         | 4        | 5      |          |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 6  | 7      | 8       | 9         | 10       | 11     | 12       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 13   | 14     | 15      | 16        | 17       | 18     | 19       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 20   | 21     | 22      | 23        | 24       | 25     | 26       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 27   | 28     | 29      | 30        | 31       |        |          |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| S  | M      | T       | W         | T        | F      | S        |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 1  | 2      | 3       | 4         | 5        | 6      | 7        |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 8  | 9      | 10      | 11        | 12       | 13     | 14       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 15   | 16     | 17      | 18        | 19       | 20     | 21       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 22   | 23     | 24      | 25        | 26       | 27     | 28       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 29   | 30     | 31      |           |          |        |          |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 3  | 4      | 5       | 6         | 7        | 8      | 9        |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 10   | 11     | 12      | 13        | 14       | 15     | 16       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 17   | 18     | 19      | 20        | 21       | 22     | 23       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |
| 24   | 25     | 26      | 27        | 28       | 29     | 30       |   |  |   |   |   |   |   |  |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                                      |  |   |   |  |

Easter Sunday



Arbor Day



ABOVE: "Sunrise and Reflection" by DAVE MIESS  
 2nd Place – Natural Features and Wildlife  
 Big Bay State Park, Madeline Island

# May 2011

## Keep Aquarium Pets and Plants at Home

Releasing animals and plants from aquariums and water gardens can threaten our waters. Help stop the spread of invasive species:

- Never transplant water garden/aquarium plants into lakes, streams, wetlands or stormwater ponds; never release crayfish, fish or other animals into lakes or streams.
- Purchase native plants and animals whenever possible; do not purchase prohibited or restricted species ([dnr.wi.gov/invasives/classification/NR40.htm](http://dnr.wi.gov/invasives/classification/NR40.htm)).
- Check your plant/animal orders for potentially invasive hitchhikers (seeds, plant fragments, snails, insects, or fish).
- Be aware of Wisconsin regulations regarding possession, transport and sale of invasive plants and animals.
- Properly dispose of unwanted plants and animals.

For more information, visit [www.habitattitude.net/](http://www.habitattitude.net/) or [dnr.wi.gov/invasives/aquatic/action/](http://dnr.wi.gov/invasives/aquatic/action/)



Photo by BILL MATTES

| SUNDAY            | MONDAY             | TUESDAY | WEDNESDAY | THURSDAY           | FRIDAY  | SATURDAY   |
|-------------------|--------------------|---------|-----------|--------------------|---|--|
| 1                 | 2                  | 3       | 4         | 5<br>Cinco de Mayo | 6   | 7  |
| 8<br>Mother's Day | 9                  | 10      | 11        | 12                 | 13  | 14   |
| 15                | 16                 | 17      | 18        | 19                 | 20  | 21   |
| 22                | 23                 | 24      | 25        | 26                 | 27  | 28<br>Great Lakes Compact enacted in Wisconsin in 2008 |
| 29                | 30<br>Memorial Day | 31      |           |                    | APRIL 2011<br>S M T W T F S<br>1 2<br>3 4 5 6 7 8 9<br>10 11 12 13 14 15 16<br>17 18 19 20 21 22 23<br>24 25 26 27 28 29 30 |  |
|                   |                    |         |           |                    | JUNE 2011<br>S M T W T F S<br>1 2 3 4<br>5 6 7 8 9 10 11<br>12 13 14 15 16 17 18<br>19 20 21 22 23 24 25<br>26 27 28 29 30  |  |

Photo by MARY A. VENSKE



ABOVE: "Sampling Little Pokegama Bay"  
 by SUE O'HALLORAN  
 1st Place – Lake Protection Activities  
 St. Louis River Estuary, Lake Superior

# June 2011

## Rip Current Awareness Week

Each year NOAA designates the first full week of June as National Rip Current Awareness Week, coinciding with the traditional start of the summer vacation season.

Rip currents can occur at any beach with breaking waves. These powerful, channeled currents move away from shore and can drag swimmers along. According to the United States Lifesaving Association, 80% of surf beach rescues are attributed to rip currents. More than 100 people die annually from drowning in rip currents – more than from shark attacks, tornadoes or lightning.

To learn more, visit [www.ripcurrents.noaa.gov/](http://www.ripcurrents.noaa.gov/)

UW Sea Grant's Coastal Natural Hazards Outreach Program assists local governments, groups and individuals with issues such as erosion, declining lake levels, clean-up of contaminated sediments, rip currents, storm waves and storm surges. For more information, visit [seagrant.wisc.edu/coastalhazards/](http://seagrant.wisc.edu/coastalhazards/)



Photo by TIM GUCKENBERG

| SUNDAY  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
|---|--------|---------|-----------|----------|--------|----------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|---|---|---|---|---|---|---|--|--|--|--|--|--|-----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|--|---|---|---|---|
| <p>MAY 2011</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table> | S      | M       | T         | W        | T      | F        | S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  | <p>JULY 2011</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1 2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | S | M | T | W | T | F | S |  |  |  |  |  |  | 1 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  |  <p>Photo by HOLLY GERTZ</p> | 1 | 2 | 3 | 4 |
| S   | M      | T       | W         | T        | F      | S        |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 1   | 2      | 3       | 4         | 5        | 6      | 7        |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 8   | 9      | 10      | 11        | 12       | 13     | 14       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 15  | 16     | 17      | 18        | 19       | 20     | 21       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 22  | 23     | 24      | 25        | 26       | 27     | 28       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 29  | 30     | 31      |           |          |        |          |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| S   | M      | T       | W         | T        | F      | S        |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
|   |        |         |           |          |        | 1 2      |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 3   | 4      | 5       | 6         | 7        | 8      | 9        |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 10  | 11     | 12      | 13        | 14       | 15     | 16       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 17  | 18     | 19      | 20        | 21       | 22     | 23       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 24  | 25     | 26      | 27        | 28       | 29     | 30       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 31  |        |         |           |          |        |          |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 5   | 6      | 7       | 8         | 9        | 10     | 11       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 12  | 13     | 14      | 15        | 16       | 17     | 18       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 19  | 20     | 21      | 22        | 23       | 24     | 25       |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |
| 26  | 27     | 28      | 29        | 30       |        |          |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |   |   |   |   |

Flag Day

Father's Day

Summer Begins

Photo by BROOK BURLING





ABOVE: "Sturgeon Bay Offshore"  
 by DOUG STAMM  
 1st Place – People Enjoying Wisconsin's Great Lakes  
 Sturgeon Bay, WI

# July 2011

## Inspiration Morning

— by BONNIE DICKMANN

Let me cut this moment from  
 the cloth of time  
 Slice it with fiery sunrays  
 And post it on the grey flannel  
 of my memory.

This moment when  
 Seagulls rise on the breath of  
 summer  
 Their calls piercing the lilac  
 quiet of morning air.

Let me remember the cool  
 grittiness  
 Of the sand massaging my toes  
 And how the air feels wet on  
 my skin.

And never, never let me forget  
 That first peek of lava sunlight  
 and how it  
 Warms clouds spun from  
 lake waves.



Photo by SHIRLEY BIRR

| SUNDAY   | MONDAY                | TUESDAY | WEDNESDAY  | THURSDAY  | FRIDAY | SATURDAY |
|--|-----------------------|---------|--|---|--------|----------|
|  |                       |         | JUNE 2011<br>S M T W T F S<br>1 2 3 4<br>5 6 7 8 9 10 11<br>12 13 14 15 16 17 18<br>19 20 21 22 23 24 25<br>26 27 28 29 30 | AUGUST 2011<br>S M T W T F S<br>1 2 3 4 5 6<br>7 8 9 10 11 12 13<br>14 15 16 17 18 19 20<br>21 22 23 24 25 26 27<br>28 29 30 31 | 1      | 2        |
| 3  | 4<br>Independence Day | 5       | 6  | 7   | 8      | 9        |
| 10   | 11                    | 12      | 13   | 14  | 15     | 16       |
| 17   | 18                    | 19      | 20   | 21  | 22     | 23       |
| 24   | 25                    | 26      | 27   | 28  | 29     | 30       |
| 31   |                       |         |  |   |        |          |

Photo by KAREN GERSONDE



ABOVE: "Sea Cave Kayak" by PHILIP SCHWARZ  
 2nd Place – People Enjoying Wisconsin's Great Lakes  
 Apostle Island Sea Caves

# August 2011

## Friday Fish Boil – A Wisconsin Tradition

The fish boil has been a tradition in Wisconsin for over 100 years. It is thought to be of Scandinavian origin and began at a time when lake trout were plentiful in the Great Lakes. As lake trout stocks dwindled, the whitefish became king of the fish boil. The whitefish (*Coregonus clupeaformis*) is a member of the trout/salmon family. This shy fish lives in schools at depths of 200 feet or more. Because of its nice flavor, convenient size, and habit of schooling, the whitefish has become the mainstay of the Great Lakes commercial fishery.

For more information about whitefish, visit:  
[www.greatlakeswhitefish.com](http://www.greatlakeswhitefish.com)

For more information about the fish boil (includes recipe), visit  
[www.seagrant.umn.edu/fisheries/fish\\_boil](http://www.seagrant.umn.edu/fisheries/fish_boil)



Photo by MARY GENACK

| SUNDAY   | MONDAY                | TUESDAY | WEDNESDAY | THURSDAY   | FRIDAY  | SATURDAY   |
|--|-----------------------|---------|-----------|--|---|--|
| <br>Photo by JONAH AGPOON | 1<br>First of Ramadan | 2       | 3         | 4<br>Wisconsin State Fair Begins<br><b>PICK UP YOUR 2012 GREAT LAKES CALENDAR!</b><br>August 4–14                                | 5   | 6  |
| 7  | 8                     | 9       | 10        | 11   | 12  | 13   |
| 14<br>Wisconsin State Fair Ends  | 15                    | 16      | 17        | 18   | 19  | 20   |
| 21   | 22                    | 23      | 24        | 25   | 26  | 27   |
| 28   | 29                    | 30      | 31        | JULY 2011<br>S M T W T F S<br>1 2<br>3 4 5 6 7 8 9<br>10 11 12 13 14 15 16<br>17 18 19 20 21 22 23<br>24 25 26 27 28 29 30<br>31 | SEPTEMBER 2011<br>S M T W T F S<br>1 2 3<br>4 5 6 7 8 9 10<br>11 12 13 14 15 16 17<br>18 19 20 21 22 23 24<br>25 26 27 28 29 30 | <br>Photo by KATHY WILK |



ABOVE: "Determination" by ERIC POGGEMANN  
 1st Place – Natural Features and Wildlife  
 Near Port Washington, WI

# September 2011

## Great Lakes Wind Farms

Development of wind farms in the Great Lakes is a very real possibility. Why wind? Wind energy can decrease our use of coal and other fossil fuels and help us meet our state renewable energy standard (10% from renewables by 2015). Why the Great Lakes? Wind farms need reliable wind – good, strong wind occurs over these huge water bodies. Lake areas that are best suited for wind farms are shallow with a firm lake bottom. They must also be close to cities or power plants to bring the energy output to shore. Wind farms must be sited carefully so they don't interfere with sensitive areas like shipping lanes or fish spawning grounds.

In Wisconsin, work is progressing on several complicated issues – wind policy development, the availability of specialized equipment, and the collection of critical environmental data – in preparation for wind farm development. For more information, visit:  
[psc.wi.gov/initiatives/globalWarming/index-windonWater.htm](http://psc.wi.gov/initiatives/globalWarming/index-windonWater.htm)  
[dnr.wi.gov/org/es/science/energy/wind/](http://dnr.wi.gov/org/es/science/energy/wind/)  
[www.glc.org/energy/wind/](http://www.glc.org/energy/wind/)



Photo by DARYL K. SHERMAN

| SUNDAY  | MONDAY           | TUESDAY   | WEDNESDAY   | THURSDAY | FRIDAY                | SATURDAY  |
|---|------------------|---|---|----------|-----------------------|---|
|  |                  | AUGUST 2011<br>S M T W T F S<br>1 2 3 4 5 6<br>7 8 9 10 11 12 13<br>14 15 16 17 18 19 20<br>21 22 23 24 25 26 27<br>28 29 30 31 | OCTOBER 2011<br>S M T W T F S<br>1<br>2 3 4 5 6 7 8<br>9 10 11 12 13 14 15<br>16 17 18 19 20 21 22<br>23 24 25 26 27 28 29<br>30 31 | 1        | 2                     | 3   |
| 4   | 5<br>● Labor Day | 6   | 7   | 8        | 9                     | 10  |
| 11  | 12               | 13<br>○   | 14  | 15       | 16                    | 17  |
| 18  | 19               | 20  | 21<br>●   | 22       | 23<br>○ Autumn Begins | 24  |
| 25  | 26               | 27  | 28<br>● Rosh Hashanah begins at sundown   | 29       | 30                    |  |

Photo by JULIE THOMPSON

Photo by KAREN GERSONDE



ABOVE: "Photographer's Sunrise"  
by **BILL ROBBINS**  
Europe Bay Town Park, Liberty, WI

# October 2011

## Rustbelt to Waterbelt: Brownfield Redevelopment

Brownfields are abandoned or underused commercial or industrial properties. Their expansion or redevelopment is hindered by contamination (real or perceived). These properties present public health, economic, environmental and social challenges. Redeveloping these areas can:

- reduce or eliminate public health and environmental risks from contamination;
- reduce greenhouse gases by redeveloping urban areas (i.e., infill) and thus reducing vehicle miles traveled;
- encourage redevelopment of urban areas with existing infrastructure instead of destroying outlying greenspace and promoting urban sprawl; and
- increase urban greenspace by protecting existing wetlands and open lands as well as creating new stormwater and "pocket" parks.

All eight Great Lakes states, Ontario and Quebec have programs to promote clean-up and redevelopment of brownfield sites. This effort is especially valuable in the Great Lakes basin since many industries were historically located on the lakes and their tributaries.

To learn more, visit [dnr.wi.gov/org/aw/rr/rbrownfields](http://dnr.wi.gov/org/aw/rr/rbrownfields)  
Watch an inspiring video about the Menomonee Valley redevelopment at [www.renewthevalley.org/](http://www.renewthevalley.org/)

| SUNDAY  | MONDAY   | TUESDAY  | WEDNESDAY   | THURSDAY  | FRIDAY                            | SATURDAY |
|---|--|--|---|---|-----------------------------------|----------|
|  |  | SEPTEMBER 2011<br>S M T W T F S<br>1 2 3<br>4 5 6 7 8 9 10<br>11 12 13 14 15 16 17<br>18 19 20 21 22 23 24<br>25 26 27 28 29 30<br><small>Photo by HAROLD H. SCHWEIK</small> | NOVEMBER 2011<br>S M T W T F S<br>1 2 3 4 5<br>6 7 8 9 10 11 12<br>13 14 15 16 17 18 19<br>20 21 22 23 24 25<br>26 27 28 29 30<br><small>Photo by JEAN GILSON</small> |  | 1                                 |          |
| 2   | 3<br> | 4  | 5   | 6   | 7<br>Yom Kippur begins at sundown | 8        |
| 9   | 10<br>Columbus Day   | 11<br>  | 12  | 13  | 14                                | 15       |
| 16  | 17   | 18<br>Clean Water Act signed in 1972   | 19<br>   | 20  | 21                                | 22       |
| 23  | 24   | 25   | 26<br>   | 27  | 28                                | 29       |
| 30  | 31<br>Halloween  |  |   |   |                                   |          |



ABOVE: "Solitude" by BROOK BURLING  
Sheboygan, WI

# November 2011

## Mist

— by BARBARA SPRING  
(from *The Wilderness Within*)

White mist rises from the harbor –  
farther upstream it slides  
all around the reeds  
around the islands.

The river sings today  
as it runs through our town  
on its way to the sweetwater seas  
on its way to the Gulf of St.  
Lawrence  
on its way to the wild dark Atlantic.

From the bridge I can see  
October's first frost dissipate  
in Sunday morning sun light.

Prickly seed pods of moon  
flowers burst  
upon sandy loam.  
Cloudy milt and coral eggs  
Cling to streambed stones.

Glory surrounds us like water –  
we sense it and see it.  
We feel its hot and cold  
its colors its sounds  
as the river sings the song of salmon  
as it runs to the sea and rises  
sunward.

With locators sure as salmon  
We will return.



Photo by JEFF RENNICKE

| SUNDAY  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY  | FRIDAY   | SATURDAY   |
|---|--------|---------|-----------|---|--|--|
|  |        | 1       | 2         | 3   | 4  | 5  |
| 6   | 7      | 8       | 9         | 10  | 11   | 12   |
| Daylight Savings Time Ends  |        |         |           |   | Veterans Day   |  |
| 13  | 14     | 15      | 16        | 17  | 18   | 19   |
|   |        |         |           |   |  |  |
| 20  | 21     | 22      | 23        | 24  | 25   | 26   |
|   |        |         |           | Thanksgiving Day  |  |  |
| 27  | 28     | 29      | 30        |  | <b>OCTOBER 2011</b><br>S M T W T F S<br>1<br>2 3 4 5 6 7 8<br>9 10 11 12 13 14 15<br>16 17 18 19 20 21 22<br>23 24 25 26 27 28 29<br>30 31 | <b>DECEMBER 2011</b><br>S M T W T F S<br>1 2 3<br>4 5 6 7 8 9 10<br>11 12 13 14 15 16 17<br>18 19 20 21 22 23 24<br>25 26 27 28 29 30 31 |



ABOVE: "Manitowoc Sunrise"  
by ERIC POGGEMANN  
Manitowoc, WI

# December 2011

## Climate Change and Our Great Lakes

Climate change could have profound effects on the Great Lakes. Higher air and water temperatures could reduce cold water habitat for fish such as trout and salmon. Less winter ice cover and higher summer temperatures could lead to increased evaporation and lower lake water levels and is already considered a factor in Lake Superior's growing problems with sea lamprey. Low water levels could be a serious problem for wetlands, water quality, recreation and shipping. More frequent and severe storms are also likely. The resulting increased erosion and runoff could seriously threaten tributaries and near-shore habitat.

To learn about climate change and ways we can all reduce our carbon footprint, visit:

[dnr.wi.gov/climatechange/](http://dnr.wi.gov/climatechange/)  
(WDNR's NEW Climate Change website)

[dnr.wi.gov/climatechange/education.htm](http://dnr.wi.gov/climatechange/education.htm)  
(for teachers and kids)

The Wisconsin Initiative on Climate Change Impacts (WICCI) investigates how climate change may affect our state on the local and regional scale, and develops potential strategies for adapting to these effects. For more information, visit [www.wicci.wisc.edu/](http://www.wicci.wisc.edu/)

| SUNDAY  | MONDAY  | TUESDAY  | WEDNESDAY  | THURSDAY | FRIDAY                                       | SATURDAY                 |
|---|---|--|--|----------|--|--------------------------|
|  |   | NOVEMBER 2011<br>S M T W T F S<br>1 2 3 4 5<br>6 7 8 9 10 11 12<br>13 14 15 16 17 18 19<br>20 21 22 23 24 25<br>26 27 28 29 30 | JANUARY 2012<br>S M T W T F S<br>1 2 3 4 5 6 7<br>8 9 10 11 12 13 14<br>15 16 17 18 19 20 21<br>22 23 24 25 26 27 28<br>29 30 31 | 1        | 2  | 3                        |
|   | 4   | 5  | 6  | 7        | 8<br><br>Great Lakes Compact enacted in 2008 | 9                        |
| 11  | 12<br><br>Great Lakes Restoration Strategy released in 2005 | 13   | 14   | 15       | 16   | 17                       |
| 18  | 19  | 20<br><br>Hanukkah begins at sundown   | 21<br><br>Winter Begins  | 22       | 23   | 24                       |
| 25<br><br>Christmas Day   | 26<br><br>Kwanzaa Begins                                    | 27   | 28   | 29       | 30   | 31<br><br>New Year's Eve |

For more information, visit: <http://dnr.wi.gov/org/water/greatlakes>



ABOVE: "Rope Float Sunrise" by ANNE GENEVA FRANK  
Green Bay, Lake Michigan

*"The ultimate test of a man's conscience may be his willingness to sacrifice something today for future generations whose words of thanks will not be heard."*

**GAYLORD NELSON**

former governor of Wisconsin  
and co-founder of Earth Day



**Wisconsin Department of Natural Resources**

Office of the Great Lakes, 101 S. Webster, Madison, WI 53707-7921

<http://dnr.wi.gov/org/water/greatlakes>

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