

Satellite Schedule for 2015

Once again, we are asking for your assistance in collecting water clarity data on your lake. This information helps us estimate water clarity for thousands of lakes in Wisconsin from satellite imagery. This activity began in 1999 when the University of Wisconsin conducted a satellite study and discovered they could actually measure water clarity on over 8000 lakes using a satellite imagery model calibrated with a small subset of lakes in the same field of view. After the UW completed their study, the DNR took over the job of analyzing the satellite imagery on an ongoing basis. We currently use the data from Landsat 7 and Landsat 8 satellites.

If you monitor your lake on a sunny day when the satellite is overhead, you are also helping to monitor hundreds of lakes around your area that might not have a volunteer. Without volunteers, we could not successfully use satellite imagery to generate water clarity data because every satellite image has to be modelled with on-the-lake water clarity measurements and we just don't have the resources to do it without the continued support of the citizens monitoring program.

How to participate:

- 1) If you know your satellite path from last year, you are all set. If you don't know which path your lake is in, look on the "Satellite Path" handout included in this packet or on the [Remote Sensing – Satellite Paths website](#).
- 2) Use the schedule below to see what dates the satellite will be overhead. We encourage you to monitor on as many of these dates for your path as you can. If the "satellite day" is very cloudy, the satellite may not be able to get a good picture of the lake on that date.
- 3) You don't need to do anything extra when reporting your data. The satellite water clarity map and data are available through the [DNR's Lakes Viewer](#).

We really appreciate your help! Thank you!

Satellite Schedule

Path 26	Path 25	Path 24	Path 23
05/02/2015	05/03/2015	05/04/2015	05/05/2015
05/10/2015	05/11/2015	05/12/2015	05/13/2015
05/18/2015	05/19/2015	05/20/2015	05/21/2015
05/26/2015	05/27/2015	05/28/2015	05/29/2015
06/03/2015	06/04/2015	06/05/2015	06/06/2015
06/11/2015	06/12/2015	06/13/2015	06/14/2015
06/19/2015	06/20/2015	06/21/2015	06/22/2015
06/27/2015	06/28/2015	06/29/2015	06/30/2015
07/05/2015	07/06/2015	07/07/2015	07/08/2015
07/13/2015	07/14/2015	07/15/2015	07/16/2015
07/21/2015	07/22/2015	07/23/2015	07/24/2015
07/29/2015	07/30/2015	07/31/2015	08/01/2015
08/06/2015	08/07/2015	08/08/2015	08/09/2015
08/14/2015	08/15/2015	08/16/2015	08/17/2015
08/22/2015	08/23/2015	08/24/2015	08/25/2015
08/30/2015	08/31/2015	09/01/2015	09/02/2015
09/07/2015	09/08/2015	09/09/2015	09/10/2015
09/15/2015	09/16/2015	09/17/2015	09/18/2015
09/23/2015	09/24/2015	09/25/2015	09/26/2015
10/01/2015	10/02/2015	10/03/2015	10/04/2015
10/09/2015	10/10/2015	10/11/2015	10/12/2015
10/17/2015	10/18/2015	10/19/2015	10/20/2015
10/25/2015	10/26/2015	10/27/2015	10/28/2015

To learn more, visit:

The Environmental Remote Sensing Center, UW-Madison

www.lakesat.org