

Satellite Schedule for 2014

Once again, we are asking for your assistance in collecting water clarity data on your lake. This information helps us to estimate the water clarity for thousands of lakes in Wisconsin. 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 image. On a sunny day when the satellite is overhead, if you monitor your lake, you are also helping to monitor hundreds of lakes around you that might not have a volunteer. Without volunteers, we could not use satellite imagery to get water clarity data, because every satellite image has to be calibrated with the water quality data you collect.

After the UW completed their study, the DNR took over the job of analyzing the satellite imagery on an ongoing basis. We use the data from Landsat 7 and Landsat 8 satellites.

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. You can also check on the web at:
<http://dnr.wi.gov/lakes/CLMN/remotesensing/Default.aspx>
- 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 fly-over 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 on the internet (www.lakesat.org).

To learn more, visit:

www.lakesat.org



The Environmental Remote Sensing Center, UW-Madison

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