

Welcome to the 2014 Annual Volunteer Lake Assessment Program Workshop!

Bearcamp Pond, Sandwich

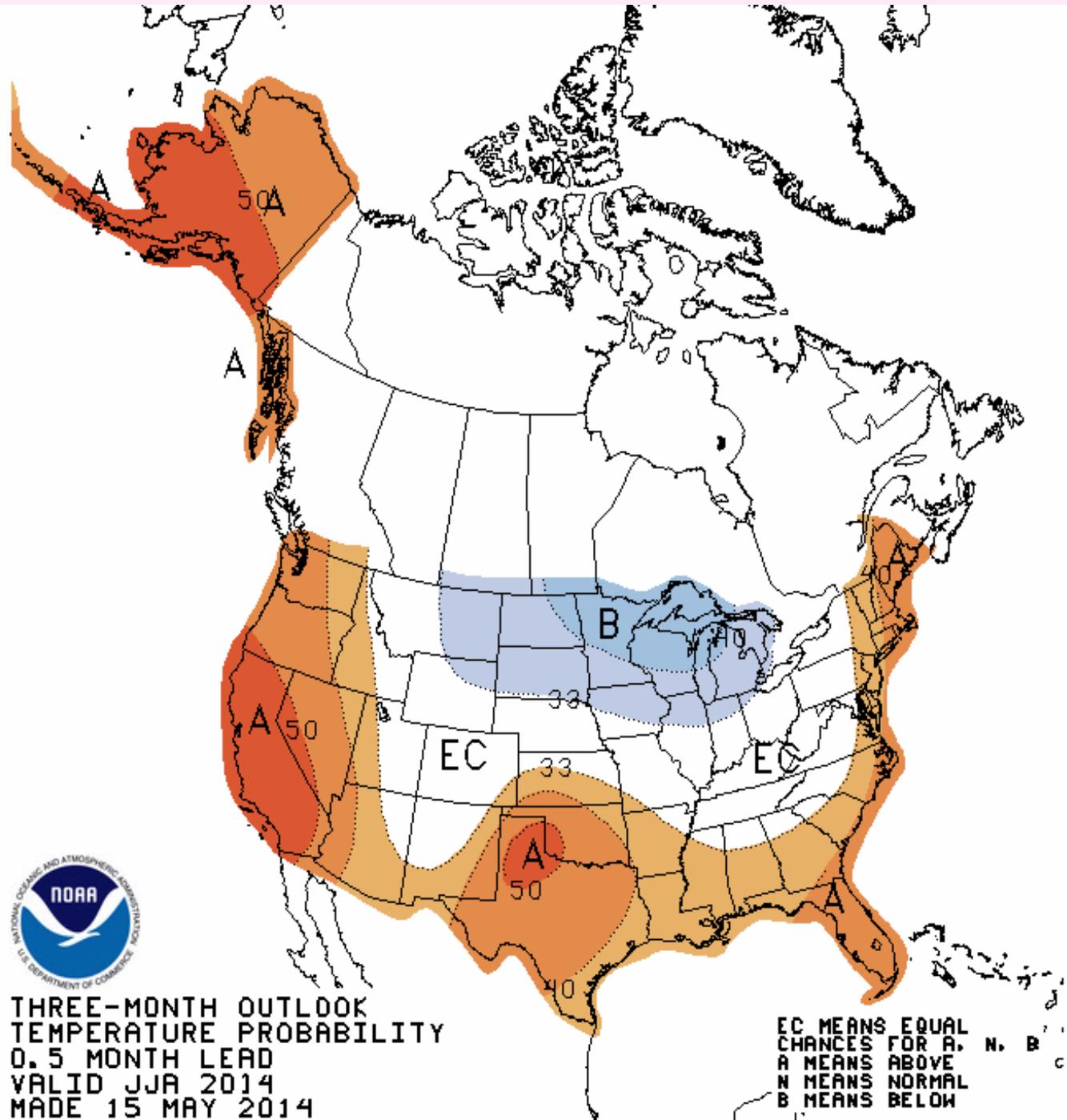
2013 VLAP Stats

- **Approx. 500 volunteer monitors participated**
- **178 lakes monitored**
- **185 deep spots and 500 river/stream stations monitored**
- **127 annual biologist visits conducted**
- **296 individual sampling events by volunteers**
- **14,184 sample results generated**

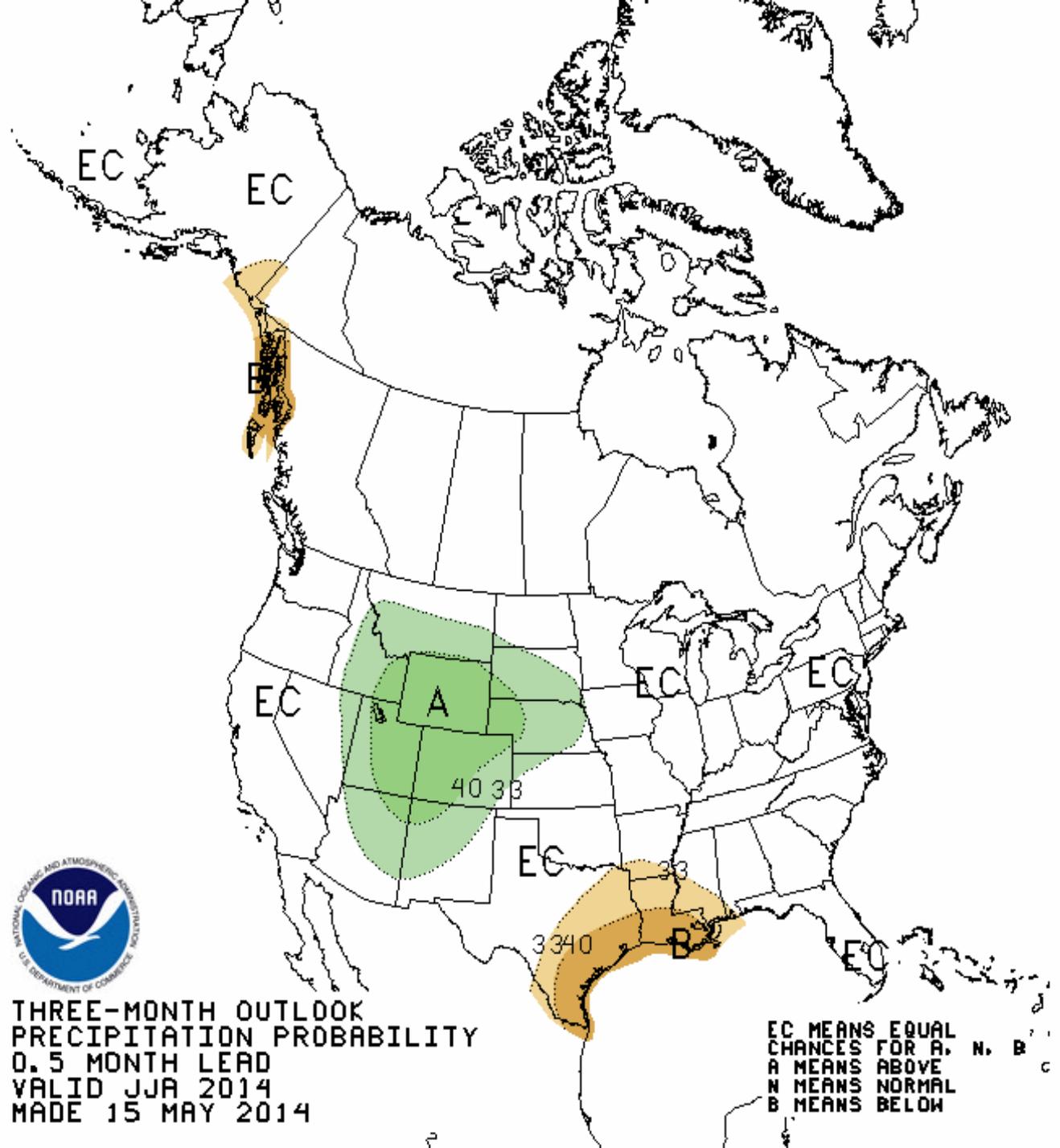
What to look for in 2014

- A very cold winter and spring led to a more normal if not late ice-out.
- This likely means a slow start to the growing season for algae and vascular plants.
- Cool May conditions likely means a later thermal stratification in lakes.
- Later thermal stratification may mean colder hypolimnetic waters with higher dissolved oxygen levels.
- ??????, we can't predict anything anymore!
- If you see anything suspicious, call us!
- You are our eyes and ears!

- Above Average Temps



- Precip.
??????



In the Future.....

2015 is VLAP's 30th
Anniversary!

2014 Moose Plate Grant Recipient

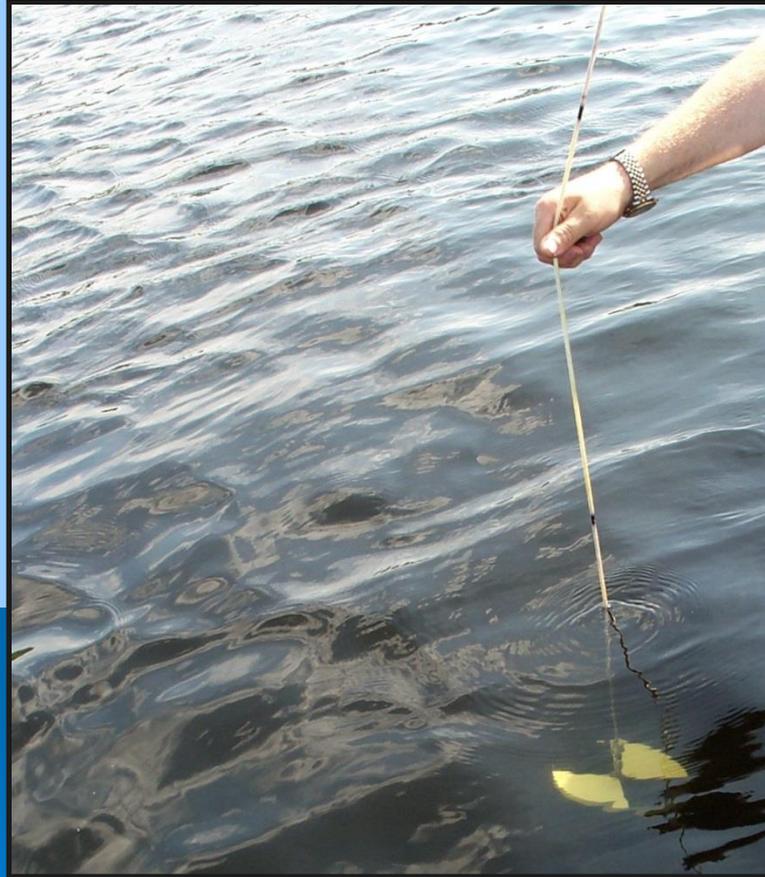
- Congratulations Messer Pond Protective Association!
 - \$4,500 grant award received toward the Messer Pond Watershed Management Plan development

EPA Environmental Merit Award

- **Congratulations Derek Monson!**

- As president of the Cobbetts Pond Improvement Association, Derek Monson took the lead in restoring this 302-acre pond in a challenging urban setting. Cobbetts Pond is surrounded by residential and commercial development and sits within 800 feet of an Interstate 93 exit. The watershed's population has tripled in the last 30 years and several farms have been lost to development. The resulting damage to water quality can be seen in the growing amount of phosphorus and the more abundant algae blooms in the water. Water clarity is down, and the pond is on the 2012 list of NH threatened or impaired waters. Under Monson's leadership, the Pond Improvement Association received funds to restore the watershed in 2008. A plan was completed in 2010 that calls for a stormwater management approach throughout the watershed. Monson put the plan and its recommended best management practices into place, earning the trust of neighbors and town officials and leading to 16 rain gardens, grass treatment swales and other protections. All of this has reduced phosphorus levels in the pond and educated the community on the impact of stormwater. Monson's knowledge and hard work lead many to think he is a paid professional, but he accomplished all this as a volunteer. He has successfully led \$450,000 worth of projects to improve the pond and overall health of the watershed.

2014 Volunteer Limnologist Awards



2014 Secchi Disk Award

2014 Volunteer Limnologist Awards

- Each time a volunteer monitor collects a water sample or conducts a Weed Watcher survey, the volunteer is performing the role of a true “Limnologist”
- Limnology: Study of freshwater



**Joe Farrelly (right) Pleasant Lake,
Deerfield**

**2004 Volunteer Limnologist Award
Recipient**

2014 Volunteer Limnologist Awards

- Nominees are evaluated based on:
 - Years of service in VLAP.
 - Years of service in Weed Watchers and Lake Host Programs.
 - Involvement with advanced sampling investigations.
 - Involvement in community education and outreach about lake quality and watershed management issues.
 - Involvement in watershed management planning and investigations.



**Dave Barney, Goose Pond, Canaan,
2008 Volunteer Limnologist Award**

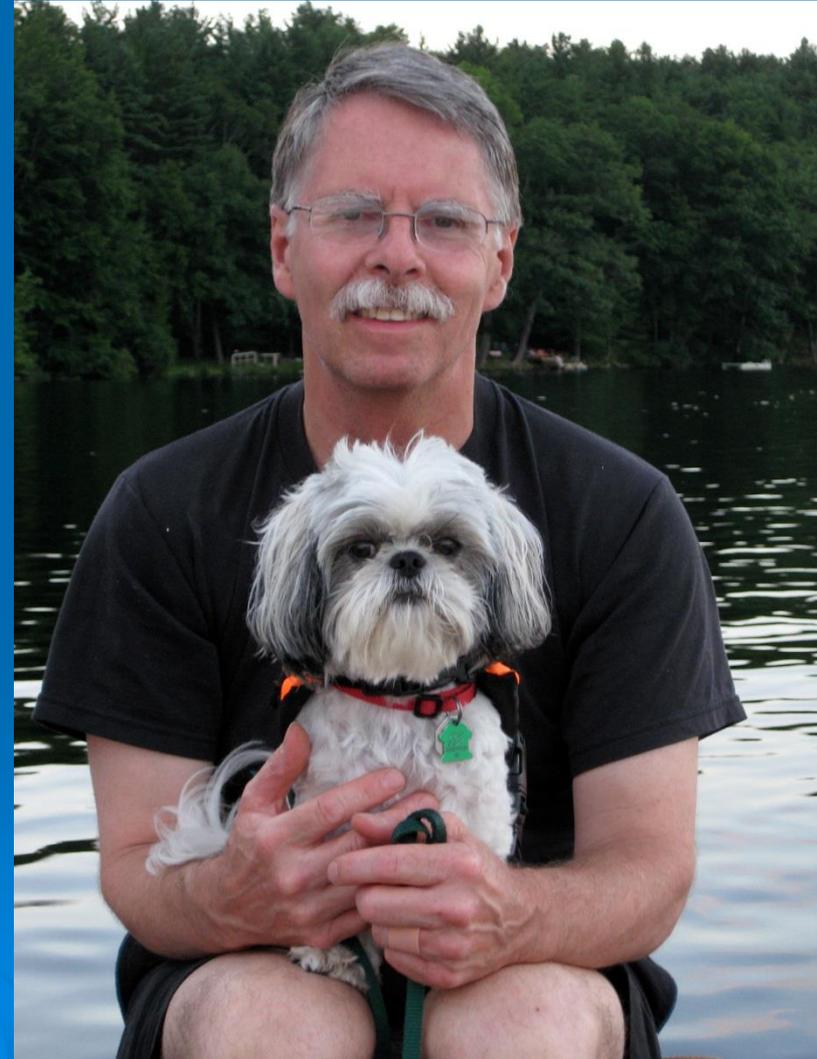
2014 Volunteer Limnologist Awards

And the recipients are....



2014 Volunteer Limnologist Award Recipient

- **Ron St. Jean**
- **Ayers Lake, Barrington, NH**
- **Contributions:**
 - **VLAP volunteer for 24 years!**
 - **Has lived on the lake for 37 years!**
 - **Monthly water quality sampling with attention to QA/QC.**
 - **Lake Assoc. President**
 - **Volunteer weed watcher.**
 - **Communicates potential water quality problems to DES and Town.**
 - **Presents water quality results annual meeting.**
 - **Interprets water quality data and communicates data to watershed residents and local entities.**
 - **Continually educates watershed residents on best management practices to protect water quality.**
 - **Promotes non-motorized boating.**
 - **Feels it is our duty to be stewards of our lakes.**



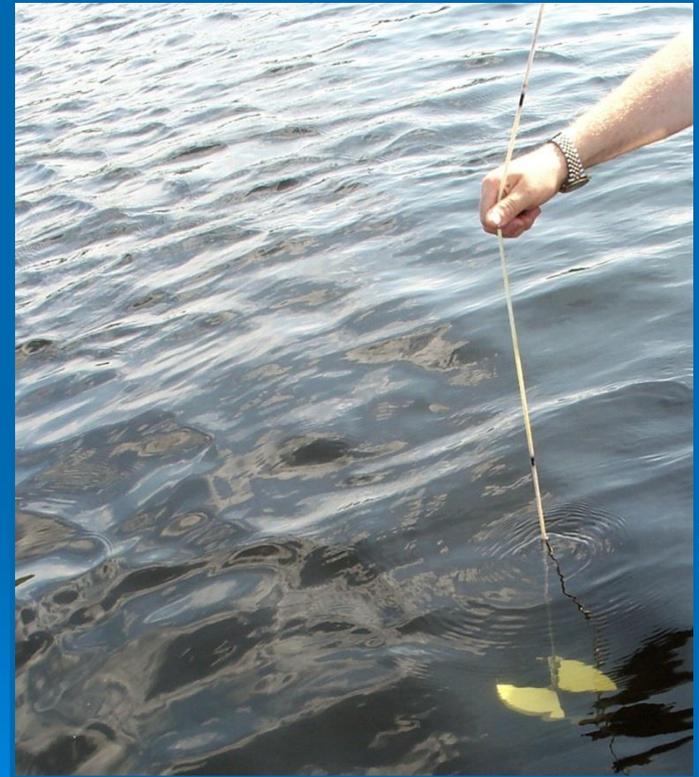
2014 Volunteer Limnologist Award Recipient

- **Beverly Nelson**
- **Lees Pond, Moultonborough**
- **Contributions:**
 - **Lees Pond Assoc. President**
 - **Monthly VLAP monitoring including dissolved oxygen.**
 - **Heads up Weed Watcher Committee for Town of Moultonborough.**
 - **Coordinates vigorous weed watching activities at all waterbodies in the Town of Moultonborough which includes Lake Winnepesaukee.**
 - **Developed a webpage based reporting mechanism for weeds.**
 - **Developed weed identification videos for the Town's website.**
 - **Holds annual weed watcher refresher trainings.**
 - **Participates in weed barrier placment.**
 - **Attends state legislative hearings.**
 - **Grant writing.**
 - **Initiated high school program to educate youth about stormwater management.**



2014 Secchi Disk Award

And the recipient is



2014 Secchi Disk Award Winner

➤ **Dick Kellom, Pleasant Lake Protective Assoc.**

➤ **Contributions:**

- VLAP monitor since the late 90's.
- Board member of PLPA since 1999.
- Chair of PLPA Water Quality Committee since 2001.
- Volunteer weed watcher.
- Monthly (Apr. – Sept.) water quality monitoring including DO.
- Strong attention to detail and QA/QC.
- Communicates water quality to association and watershed residents.
- Educates community about watershed best management practices.
- Works with Town Planning Board on large-scale watershed development projects and identifies streams and conducts bracket sampling to monitor activities.
- Conducts WQ sampling workshop at lake conferences.
- Collaboration with Colby Sawyer College on Comprehensive Lake Inventory.





If you would like to nominate one of your fellow monitors, please send me a letter or email explaining who and why.

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