

Memo

To: Diamond Lake AIS Prevention Committee

From: Randy Henry, OSMB

Subject: Diamond Lake Survey Stats

Date: Oct. 28, 2009

Much of the boating survey data collected as part of the Diamond Lake Working Group's Aquatic Invasive Species Prevention Committee has been entered into a spreadsheet and the basic analysis is done. Special thanks to all the volunteers and state/federal staff people who conducted the numerous interviews and forwarded the data to OSMB for entry and review.

While the data collected in the survey is important, one primary benefit of the survey is the interaction between officials and boaters. Invasive species have taken center stage as an environmental issue in Oregon, and boaters expect state and federal natural resource agencies to act on the issue. With recent legislative successes as well as implementation in 2010 of the new statewide ODFW/OSMB Aquatic Invasive Species Prevention Program, this issue will become even more visible. Data from this survey has proven extremely useful in putting boat condition/contamination into a usable perspective that has dramatically affected policy toward general AIS prevention efforts in this state.

Seasonal Summary

In all 42 survey sheets containing data about Diamond Lake and the Umpqua River were returned to OSMB for entry. In addition, another 16 survey sheets with Paulina, East, Crane Prairie and other central Oregon lakes were also collected. That data has not yet been analyzed.

Of the 42 survey sheets, there were 430 specific entries taken at Diamond Lake. Of these 430, there were 83 waterways of recent use and 112 different cities or towns represented by those who were surveyed. By number, the top 20 waterways connected to Diamond Lake by recent use are as follows:

Recent Uses	Waterbody
185	Diamond Lake
12	Cooper Creek
12	Lost Creek Res
12	Rogue River
11	Paulina Lake
11	Wickiup
11	Willamette River
9	East Lake
9	Umpqua River
8	Lemolo

8	Odell Lake
7	Applegate Res
7	Crane Praire
7	Gold Beach
7	Howard Prairie
6	Columbia River
6	Coos Bay
6	Crescent Lake

By far, the largest number of people surveyed cited Diamond Lake as their most recent launch. Many appear to boat almost exclusively at Diamond Lake. Cooper Creek, Lost Creek Reservoir and Rogue River are geographically the closest to Diamond Lake and shouldn't be a surprise. The ranking of visitors last boating at Central Oregon lakes like Paulina, Wickiup, Odell, Crane Prairie and others demonstrates that people seek out these mountain boating/fishing experiences. The longest distance in the top 20 from last waterway of use is the Willamette River, Gold Beach and the Columbia River. Further down the list we find that visitors had last boated in such remote locations as the Snake River, Sacramento River and Shasta Lake.

Visitors represented a broad cross section of the state, and some even came from out of state. Most came from Roseburg, but Bend, Grants Pass, Medford and Eugene were also top cities.

Users	Home Port
45	Roseburg
35	Bend
31	Grants Pass
29	Medford
22	Eugene
18	Klamath Falls
14	Salem
13	Eagle Pt
13	LaPine
11	Glide
9	Shady Cove
8	Central Point
7	Myrtle Point
7	Portland
6	Albany
6	Springfield
5	Chiliquin
5	Coos Bay
5	Philomath
5	Redmond

Of particular interest are the out-of-state visitors. Here is a listing of where they came from and what their last waterbody of use was.

Scottsdale	AZ	Diamond Lake
Scottsdale	AZ	Diamond Lake
Aubor	CA	Diamond Lake
Bakerville	CA	Diamond Lake
Cottonwood	CA	Shasta Lake Cal
Doris	CA	Howard Prairie
Fairfield	CA	Desabla Lake (Chico)
		Sacramento River/American River/Slaver
Heelsburg	CA	Lake
Hobb	CA	Coquille Estuary
Lafayette	CA	
Livermore	CA	Wason Landing
Morega	CA	Clear Lake CA
Red Bluff	CA	Diamond Lake
Redwood	CA	Diamond Lake / Lake Minticino
Tuli Lake	CA	Diamond Lake/F Reservoir/Miller Lake
Yreka	CA	Diamond Lake
Traverse City	MI	Hyatt Lk

The two Arizona visitors listed Diamond Lake as their last use. Hopefully the survey taker used this opportunity to further interview the boater to ensure that boats from states with quagga/zebra mussel infestations were not infested. It is helpful that most Arizona visitors would have crossed through California boarder inspection stations, but these inspections are not 100 percent complete, and they can be avoided by boaters who know alternate routes.

However, southern California also has quagga mussel infestations, and conceivably a boater can enter Oregon without any inspections. None of the lakes listed by CA visitors are infested, but again, the survey provides an opportunity to discover risk and respond appropriately.

2010 Recommendations

If the AIS Prevention Committee decides to conduct surveys in 2010, several changes need to be made in the survey process. First, I recommend that we set up a survey website with the basic information and the latest form. All survey forms **MUST BE DATED 2010**. The older form that was used by most surveyors lacks an adequate description of the “Date” field, thus most surveyors noted the date of the survey, not the date of last launch. It is therefore impossible to determine if the last launch was within a timeframe to be concerned about. Or, the column could be simply for “Last launch in 2010”, or “Since May 1, 2010” or similar.