

Memo

To: ODFW / USFS / OISC
From: Randy Henry, OSMB
Subject: Diamond Lake Survey Stats
Date: Oct. 17, 2007

I have finished entering the data gathered by ODFW and USFS staff regarding 2007 boat usage at Diamond Lake. Once the OSMB Triennial Survey is complete in spring 2008, I'll be able to expand these percentages to estimate total use levels for Diamond Lake in relation to this analysis.

Some key numbers to look at: At least 76 waterbodies are connected to Diamond Lake by usage within a four-week period. I chose this timeframe because certain aquatic nuisance species (zebra/quagga mussels) can survive up to 27 days in a moist environment. This number illustrates how recreational boat use can expose waterbodies over a wide range. It should also be noted that for all 559 surveys, not one indicated the presence of aquatic species or the need to clean a boat. The only live bait reported was worms (common) and one person reported having grasshoppers. Only a few notations indicated uncooperative individuals. The survey form should be reworked for consistency, but the basic data provided adequate information.

Special thanks to all who took part in the surveys.

One final note: If you would like additional data analysis, please let me know.

Data Summary

- 559 boat operators surveyed
- 387 boated within four weeks
- 275 within 2 weeks.
- 107 last boated at Diamond Lake
- Of the 387, 5 were out of state (3 from Cal, 2 from NV)
- 76 unique waterbodies represented
- 69 unique towns represented
- 40 visits from east of Cascades

Stats for boats used within 4 weeks of Diamond Lake launch

Last location of boat use	Total	%	Home	Total	%
Diamond Lake	107	27.6%	Roseburg	71	18.35%
Lost Creek	25	6.5%	Medford	66	17.05%
Howard Prairie	19	4.9%	Grants Pass	35	9.04%
Cooper Creek	17	4.4%	Eugene	16	4.13%
Lemolo	13	3.4%	Klamath Falls	16	4.13%
Lake of the Woods	12	3.1%	Glide	15	3.88%
Rogue River	12	3.1%	nz Shady Cove	11	2.84%
Umpqua	11	2.8%	Portland	10	2.58%
Klamath Lake	9	2.3%	Springfield	10	2.58%
Odell Lake	9	2.3%	Eagle Point	9	2.33%

Willamette	7	1.8%	Myrtle Creek	8	2.07%
Applegate Reservoir	6	1.6%	Rogue River	8	2.07%
Emmigrant Lake	6	1.6%	Bend	6	1.55%
Fish Lake	6	1.6%	Central Point	6	1.55%
Galesville Reservoir	6	1.6%	Chilliquin	6	1.55%
Hyatt Reservoir	6	1.6%	Sutherlin	5	1.29%
Crescent Lake	5	1.3%	Diamond Lake	4	1.03%
Ocean	5	1.3%	Gold Hill	4	1.03%
Willow Lake	5	1.3%	Stayton	4	1.03%
Ben Irving Reservoir	4	1.0%	Canyonville	3	0.78%
Coos Bay	4	1.0%	LaPine	3	0.78%
Lake Billy Chinook	4	1.0%	Oak Ridge	3	0.78%
Lake Selmac	4	1.0%	Prospect	3	0.78%
N Umpqua	4	1.0%	Salem	3	0.78%
Paulina Lake	4	1.0%	Albany	2	0.52%
Brookings	3	0.8%	Cave Junction	2	0.52%
Columbia River	3	0.8%	Coos Bay	2	0.52%
Crane Prairie	3	0.8%	Klamath Junction	2	0.52%
Detroit	3	0.8%	North Bend	2	0.52%
East Lake	3	0.8%	Oregon City	2	0.52%
Lake Simtustus	3	0.8%	Redmond	2	0.52%
Prineville Reservoir	3	0.8%	Silverton	2	0.52%
Shasta Lake	3	0.8%	Vancouver WA	2	0.52%
Agate Reservoir	2	0.5%	White City	2	0.52%
Agency Lake	2	0.5%	Winston	2	0.52%
Cottage Grove Reservoir	2	0.5%	Applegate	1	0.26%
Dorina Reservoir	2	0.5%	Benecia CA	1	0.26%
Fern Ridge Reservoir	2	0.5%	Boring	1	0.26%
Gerber Reservoir	2	0.5%	Camas Valley	1	0.26%
Hagg Lake	2	0.5%	Carson City NV	1	0.26%
Hemlock Lake	2	0.5%	Cottage Grove	1	0.26%
McKenzie River	2	0.5%	Covert	1	0.26%
Medco Pond	2	0.5%	Crescent	1	0.26%
South Umpqua	2	0.5%	Crooked River	1	0.26%
Bend	1	0.3%	Dallas	1	0.26%
Blue River Reservoir	1	0.3%	Davis CA	1	0.26%
Brownlee	1	0.3%	Drain	1	0.26%
Carmen Reservoir	1	0.3%	Fallow NV	1	0.26%
Chickahominy Reservoir	1	0.3%	Glendale	1	0.26%
Coquille River	1	0.3%	Harrisburg	1	0.26%
Cultus	1	0.3%	Jacksonville	1	0.26%
Dead Horse Reservoir	1	0.3%	Keizer	1	0.26%
Eagle Lake CA	1	0.3%	Laffayette	1	0.26%
Fall Creek Reservoir	1	0.3%	Lebanon	1	0.26%
Farewell Bend	1	0.3%	Lincoln City	1	0.26%
Foster Reservoir	1	0.3%	Lorrain	1	0.26%
Hills Creek	1	0.3%	Merlin	1	0.26%
Lake Shasta	1	0.3%	Phoenix	1	0.26%
Lake Summit	1	0.3%	Redding CA	1	0.26%
Lakeside	1	0.3%	Scappoose	1	0.26%

Lava Lake	1	0.3%	Tenmile	1	0.26%
Munsel Lake	1	0.3%	Tillamook	1	0.26%
Olalla Reservoir	1	0.3%	Trail	1	0.26%
Platt I	1	0.3%	Tualatin	1	0.26%
Pyramid Lake	1	0.3%	Williams	1	0.26%
Round Butte Reservoir	1	0.3%	Yamhill	1	0.26%
Santiam River	1	0.3%	Young Hill	1	0.26%
South Twin lake	1	0.3%			
Ten Mile Lakes	1	0.3%			
Union Valley Res	1	0.3%			
Wickiup Reservoir	1	0.3%			
Widbey Island	1	0.3%			
Winchester Bay	1	0.3%			

Illustration connecting Diamond Lake to water bodies used within 4 weeks of launch.

