

Ducks counts this year 2007 at Lake Odessa
 Waterfowl Survey Management Unit Odessa
 by Bill Ohde, IA DNR

	IA DNR On	
	line Survey	Ohde email
	Count by	document
	Ohde	
11/15/07	36300	
11/21/07	38000	32600
11/28/07	22100	

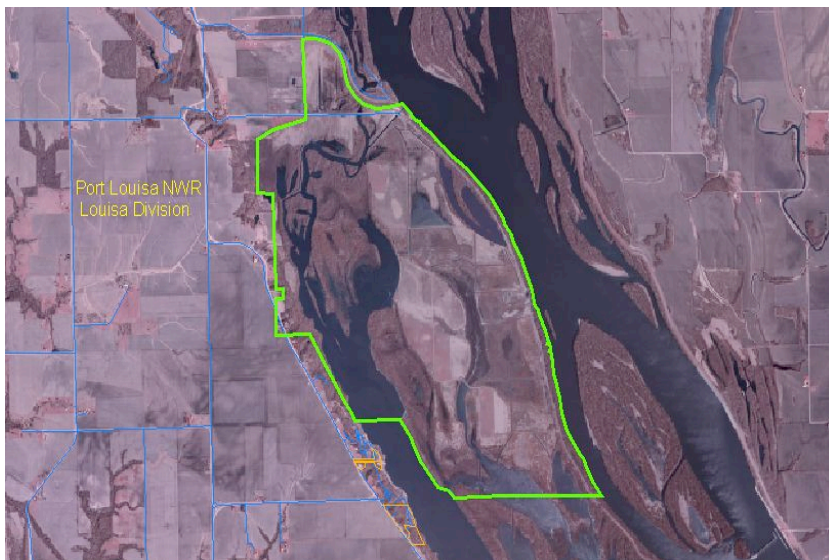
Aerial Survey done by
 Aaron Yetter

Date	Aerial Count
	IL. Natural History
10/12/07	10
11/13/07	6050
11/23/07	7200
11/27/07	6200
12/4/07	1010
11/8/04	1800
11/15/04	1115
11/22/04	6960
11/10/03	1620
11/19/03	8200
11/26/03	4800

Why the huge differences in duck counts on Odessa on approximately the same day?
 Aaron Yetter is a Wildlife Biologist that does aerial surveys for Illinois. Here are his email answers to my questions: 1. Is the attached map the area you survey at Lake Odessa? You hit the area we survey perfectly. 2. How do you count? You get an idea of what 100 ducks looks like and usually count in blocks of 100 or 1000 (sometimes 5000) depending on the size of the group and how densely they are packed in. Then, I will say that 70% are mallards, 20% coots, and 10% canvasbacks, etc. 3. What is the margin or error? I would say on average 10-20% margin of error, but I have people double checking me all the time. You also have to remember that I am usually there between 12 and 1pm.

Aaron's accuracy is verified by aerial and ground counts done on the Emiquon Preserve - 1990 by air and 19492 by ground.

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Refuge Area at Lake Odessa counted by air. Aerial counts show 7200 ducks on approx. same day as ground count indicates 38000

Maybe other styles of management should be looked at that are friendly to people and are just as effective as the present style.