

**Note: Oxygen testing is not a totally reliable indicator of winterkill. Oxygen levels can vary significantly at different locations around a lake.**

**Orange: Most fish become stressed when oxygen levels drop below 2 ppm.**

**Red: Most fish die when exposed to oxygen levels below 1 ppm for an extended period of time.**

A strong "rotten egg" smell from the water indicates the presence of hydrogen sulfide gas, another sign that oxygen levels are very low.

Walleye, bass, crappie, and bluegill are less tolerant to low oxygen levels and usually die first.

Northern pike, yellow perch, and carp are relatively tolerant to low oxygen levels and sometimes survive when less tolerant species do not.

Bullheads and minnows are very tolerant to low oxygen levels and some usually survive.

DATE	LAKE	LOCATION	% SNOW COVER	SNOW DEPTH	D.O. (ppm) BOTTOM	D.O. (ppm) SURFACE	WATER DEPTH	COMMENTS
3/4/11	Beaver	NW of island	100%	4"	3.44*		9'	*sample taken 4-5 feet from surface
3/4/11	Byron	NW ramp - 50 yds out	100%	4-8"	1.87	2.02	6'6"	no odor, poor access
1/27/11	Campbell	n of bridge on s end 100 yards	100%	8-10"	1.24	2.19	6'	no smell, poor access
1/27/11	Diamond	100 yards SW of E boat ramp	100%	12"	1.8	3.9	12+	
1/27/11	Diamond	50 yards SW of E boat ramp	100%	12"	2.5	3.5	11	
3/4/11	Diamond	50 yds. SW of E boat ramp	100%	8"	0.46*		7'	*sample taken 4-5 feet from surface
1/27/11	E Oakwood	mid-lake, west side, 100 yds out	100%	2-4"	0.76	1.01	8'	no smell, poor access
1/27/11	Goldsmith	100 yards n of ramp	100%	6-8"	4.26	5.36	8'	no smell, poor access
1/27/11	Henry	200 yards n of ramp	100%	6-8"	2.61	2.53	10'	no smell, poor access
1/27/11	Herman	E. boat ramp	100%	12"	2.5	2.7	4'	
1/27/11	Herman	W. boat ramp	100%	12"	4.84	5.9	8'	
3/4/11	Herman	E. boat ramp	100%	9"	3.84*		6'	*sample taken 4-5 feet from surface
1/27/11	Herman Pond	W. side, N. of park shop	100%	12"	0.85	0.6	9'	
1/27/11	Herman Pond	S. of floating fishing pier	100%	12"	0.7	0.6	7'	
1/27/11	Long	Center of lake, S. of access pt.	100%	8"	0.88	0.42	10'	slight sulfur smell
1/27/11	Long	mid-lake off Pelican Landing	100%	8"	0.93	0.55	11'	no odor
3/4/11	Loss	50 yds. E of boat ramp	100%	5"	0.55*		6'	*sample taken 4-5 feet from surface
1/27/11	Madison	Payne area- 200 yds. out	100%	12"	8.3	9.81	9'	
3/4/11	Madison	Walkers	100%	7"	2.6*		9'	*sample taken 4-5 feet from surface
3/4/11	Madison	Payne	100%	8"	2.4*		10'	*sample taken 4-5 feet from surface
1/27/11	Preston	200 yards out from nw corner	100%	4-6"	2.75	3.07	7'	no smell, poor access
1/27/11	Scott	Center of lake	100%	6"	7.29	6.8	12+	
3/4/11	Scott	N of boat ramp	100%	3"	3.4*		7'	*sample taken 4-5 feet from surface
3/4/11	Spirit	SW corner - 50 yds out	100%	4-8"	3.92	4.48	9'	no odor, poor access
1/27/11	W Oakwood	middle of lake e side	100%	4-6"	2.83	3.09	9'	no smell, poor access
3/4/11	W. Oakwood	open water between lakes	100%	3-6"	4.05		2'	no odor, poor access
3/4/11	Wall	near boat ramp	100%	9"	2.86		7'	*sample taken 4-5 feet from surface
1/27/11	Whitewood	400 yards n of ramp	100%	8-10"	1.77	4.89	9'	no smell, poor access
3/4/11	Whitewood	open water by bridge	100%	3-6"	0.35	0.42	6'	fishy smell, poor access, dead minnows observed
3/4/11	Wise WPA	W side - 150 yds off road	100%	4"	0.53		6'	*sample taken 4-5 feet from surface