

# LAKE WAWASEE - KOSCIUSKO COUNTY

Area = 2618 acres Max Depth = 77 feet

## Annual Summaries

1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008

| Secchi Disk (ft)                  |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| mean*                             | 5.9  | 7.1  | 7.4  | 10.2 | 8.0  | 5.2  | 5.9  | 6.1  | 6.8  | 6.1  | 8.5  | 6.0  | 7.5  |
| maximum                           | 19.0 | 15.5 | 26.0 | 16.7 | 30.0 | 32.0 | 7.0  | 12.0 | 13.6 | 18.0 | 19.6 | 22.0 | 11.0 |
| minimum                           | 4.5  | 5.0  | 6.5  | 6.5  | 7.0  | 4.0  | 5.0  | 5.9  | 6.8  | 5.5  | 8.0  | 5.5  | 6.0  |
| # samples                         | 15   | 10   | 9    | 8    | 6    | 4    | 2    | 8    | 8    | 13   | 4    | 4    | 3    |
| Total Phos. ( $\mu\text{g/L}$ )   |      |      |      |      |      |      |      |      |      |      |      |      |      |
| mean*                             | 20.0 | 19.5 | 13.8 | 39.3 | 29.6 | 36.9 | 21.0 | 31.0 | 42.5 | 18.7 | 37.9 | 23.0 | 14.9 |
| maximum                           | 22.0 | 21.0 | 19.0 | 60.0 | 69.0 | 44.0 | 21.0 | 31.0 | 44.0 | 47.0 | 45.0 | 30.0 | 21.0 |
| minimum                           | 20.0 | 11.0 | 10.0 | 36.0 | 25.0 | 31.0 | 21.0 | 16.0 | 10.0 | 15.0 | 18.0 | 23.0 | 13.0 |
| # samples                         | 4    | 4    | 4    | 4    | 4    | 2    | 1    | 3    | 4    | 8    | 4    | 4    | 3    |
| Chl. <i>a</i> ( $\mu\text{g/L}$ ) |      |      |      |      |      |      |      |      |      |      |      |      |      |
| mean*                             | 1.5  | 4.9  | 2.0  | 1.2  | 2.6  | .3   | 2.1  | 2.5  | 3.8  | 4.7  | 1.5  | 2.2  | 6.8  |
| maximum                           | 4.7  | 7.5  | 4.0  | 2.8  | 4.3  | .6   | 5.4  | 5.9  | 4.9  | 6.5  | 1.7  | 4.0  | 10.2 |
| minimum                           | .2   | .7   | 1.1  | .6   | 2.0  | .2   | .8   | 2.5  | 2.6  | 2.9  | .5   | 1.3  | 4.4  |
| # samples                         | 4    | 4    | 4    | 3    | 4    | 2    | 2    | 3    | 4    | 8    | 4    | 4    | 3    |

\*July/Aug. mean

