

2007 Improving / Degrading Current 10 Year Trend Analysis on City of Orlando Lakes
 (Information Based on Current 10 Year Average of Trophic State Index Scores from 1997 to 2007)

LAKE NAME	TREND	R ² VALUE
These lakes showed an Improving Trend But are only labeled as Improving if R ² is ≥ 0.20		
BALDWIN	Improving	0.67
SANDY	Improving	0.56
UNDERHILL	Improving	0.54
SUSANNAH	Improving	0.47
HOLDEN	Improving	0.46
PAMELA	Improving	0.45
CLEAR	Improving	0.42
CATHERINE	Improving	0.37
HIGHLAND	Improving	0.33
SARAH	Improving	0.33
IVANHOE E	Improving	0.31
PORTER	Improving	0.29
SUNSET	Improving	0.20
RABAMA	Improving	0.20
LORNA DOONE	No Trend	0.19
FAIRVIEW	No Trend	0.16
EMERALD	No Trend	0.15
SUE	No Trend	0.15
OLIVE	No Trend	0.14
FRAN	No Trend	0.13
DANIEL	No Trend	0.13
COMO	No Trend	0.10
WELDONA	No Trend	0.08
FORMOSA	No Trend	0.08
RICHMOND	No Trend	0.08
BUCK	No Trend	0.07
CAY DEE S	No Trend	0.06
ROWENA	No Trend	0.06
MANN	No Trend	0.06
FARRAR	No Trend	0.05
ADAIR	No Trend	0.05
DAVIS	No Trend	0.04
ORLANDO	No Trend	0.03
DOT	No Trend	0.03
FAIRHOPE	No Trend	0.03
TENNESSEE	No Trend	0.02
LAWNE	No Trend	0.02
CAY DEE N	No Trend	0.02
IVANHOE M	No Trend	0.02
CHEROKEE	No Trend	0.02
LANCASTER	No Trend	0.02
COPELAND	No Trend	0.02
SILVER	No Trend	0.01
DOVER	No Trend	0.01
WARREN	No Trend	0.01
RED	No Trend	0.00
KELLY	No Trend	0.00
BEAUTY	No Trend	0.00
WINYAH	No Trend	0.00
DRUID	No Trend	0.00
IVANHOE W	No Trend	0.00

LAKE NAME	TREND	R ² VALUE
These lakes showed a Degrading Trend But are only labeled as Degrading if R ² is ≥ 0.20		
GREENWOOD	No Trend	0.00
ARNOLD	No Trend	0.00
PARK	No Trend	0.00
KOZART	No Trend	0.00
CONCORD	No Trend	0.00
MUD	No Trend	0.00
ESTELLE W	No Trend	0.01
KASEY	No Trend	0.01
SHANNON	No Trend	0.01
BAY	No Trend	0.01
BEARDALL	No Trend	0.01
ESTELLE E	No Trend	0.01
MICHELLE	No Trend	0.01
SANTIAGO	No Trend	0.02
ANGEL	No Trend	0.02
TERRACE	No Trend	0.02
WALKER	No Trend	0.02
GEAR	No Trend	0.03
SPRING NW	No Trend	0.03
FREDRICA	No Trend	0.04
PINELOCH	No Trend	0.04
LUCERNE W	No Trend	0.05
GILES	No Trend	0.05
TURKEY	No Trend	0.05
LUCERNE E	No Trend	0.05
LURNA	No Trend	0.06
BARTON	No Trend	0.06
C	No Trend	0.07
MARE PRAIRIE	No Trend	0.08
CANE	No Trend	0.08
NONA	No Trend	0.09
LAKE O WOODS	No Trend	0.09
WADE	No Trend	0.09
GEM MARY	No Trend	0.09
HIAWASSEE	No Trend	0.10
GEORGE	No Trend	0.10
KRISTY	No Trend	0.15
EOLA	No Trend	0.17
LAWSONA	No Trend	0.18
SPRING SW	Degrading	0.20
THERESA	Degrading	0.27
ROCK	Degrading	0.37
CURRENT 10 YEAR TREND SUMMARY		
	Quantity	Percentile
Lakes with Significant Improving Trend (R ² ≥ 0.20)	14	15.1%
Lakes with Insignificant Improving Trend (R ² < 0.20)	37	39.8%
Lakes with Significant Degrading Trend (R ² ≥ 0.20)	3	3.2%
Lakes with Insignificant Degrading Trend (R ² < 0.20)	39	41.9%
Total Lakes in Analysis (Lakes with ≥ 5 years of data)		
	93 (out of 95 lakes)	
Lake Hourglass and Little Lake Fairview were not included		

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