

CITRUS COUNTY LAKEWATCH DATA INDEX

The Citrus County Lakewatch data consists of pages 81 thru 137 taken from a file that contained many more Florida Lakes. To follow this index for the Citrus County Lakes look at the page number on the left hand side of the data page:

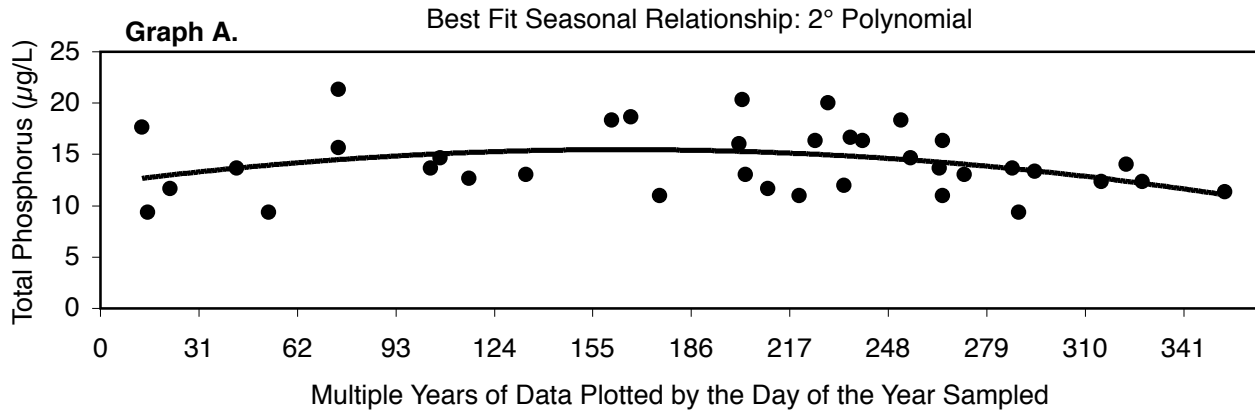
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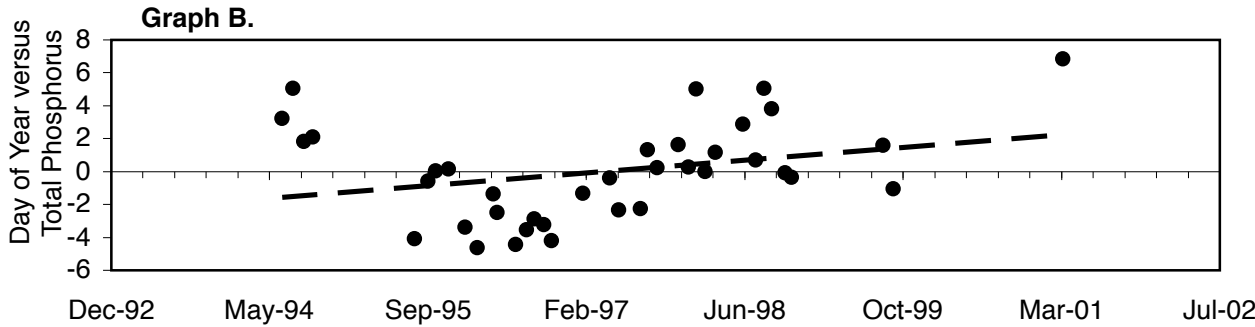
Florida LAKEWATCH

Bellamy / Citrus

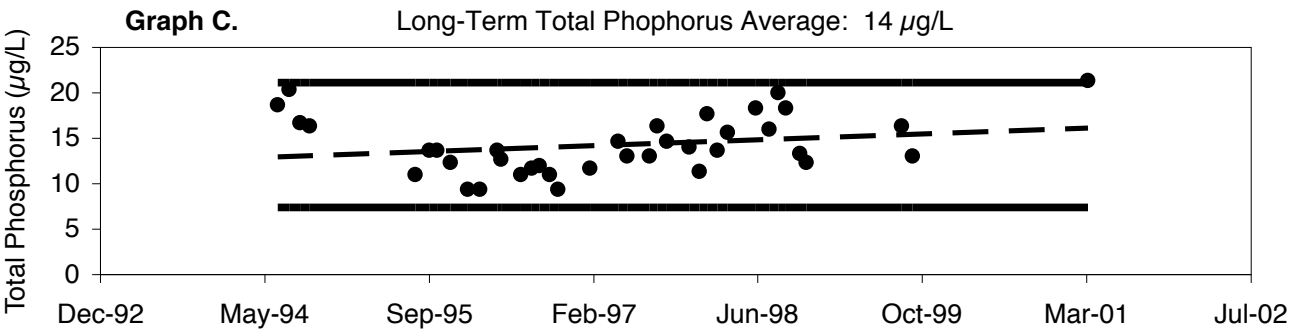
Total Phosphorus Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Total Phosphorus and Date Relationship: $y = 0.57x + (-5.99)$; $RSQ = 0.089$; $P=0.0729$



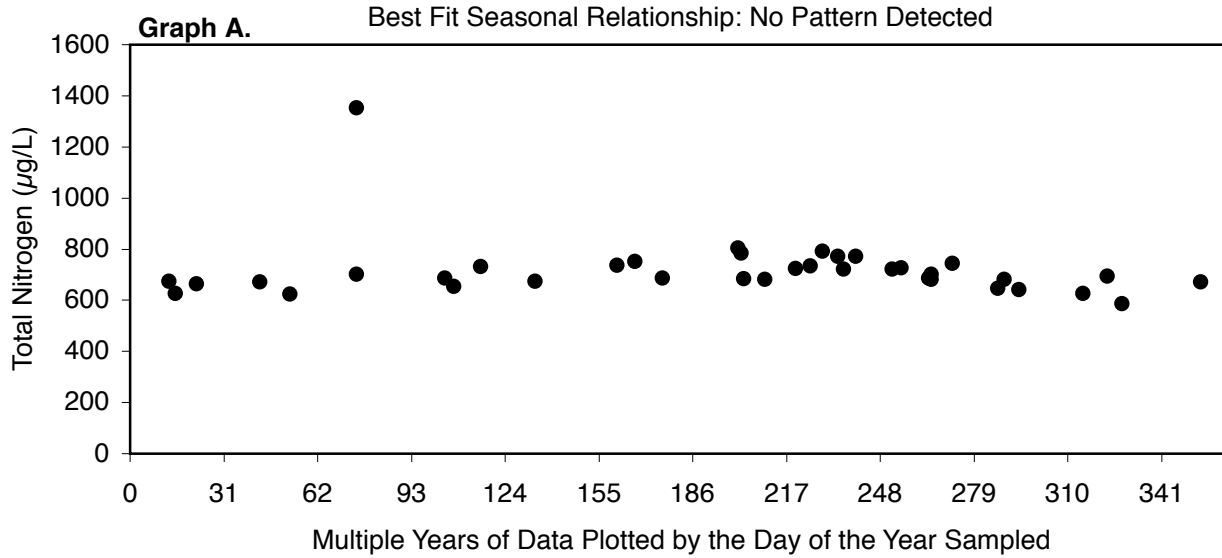
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = 0.47x + (9.27)$; $RSQ = 0.054$; $P=0.1663$

● Monthly Mean(TP (µg/L)) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression

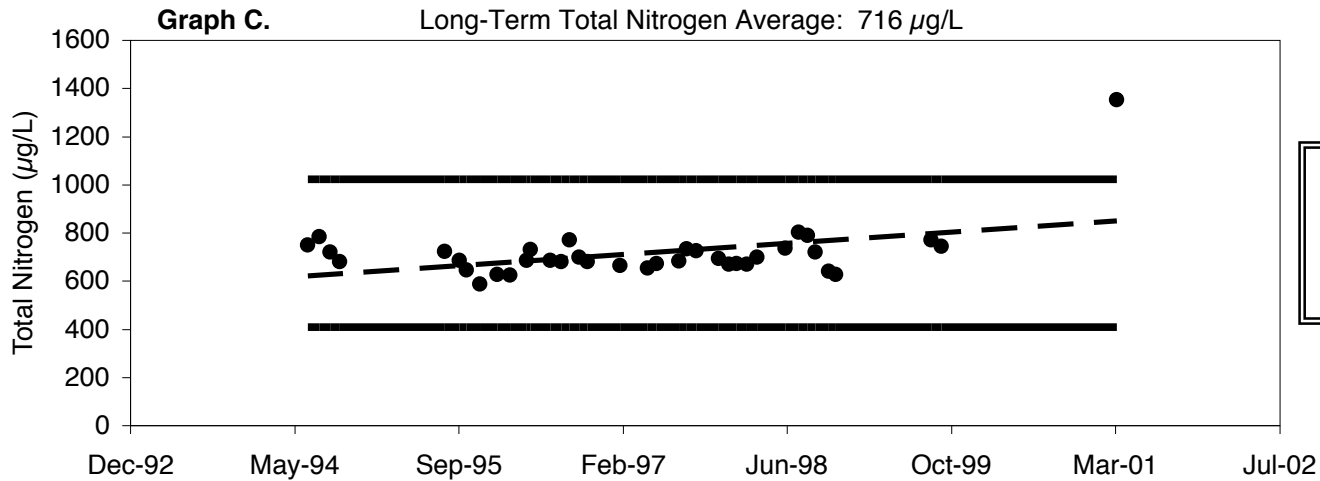
Florida LAKEWATCH

Bellamy / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
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 May starts at day 122
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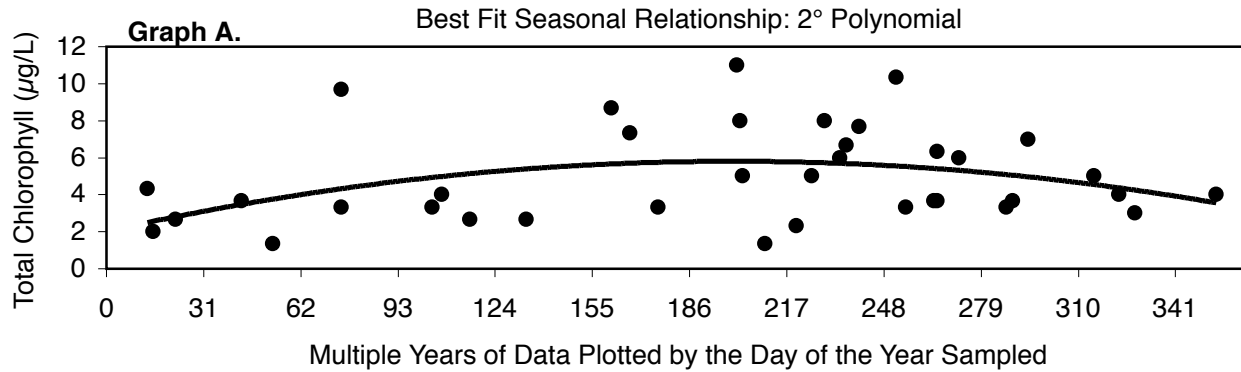
Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 33.84x + (357.27)$; $RSQ = 0.197$; $P=0.01$

● Monthly Mean(TN ($\mu\text{g/L}$)) ——— 43% Lower C.I. ——— 43% Upper C.I. - - - Linear Regression

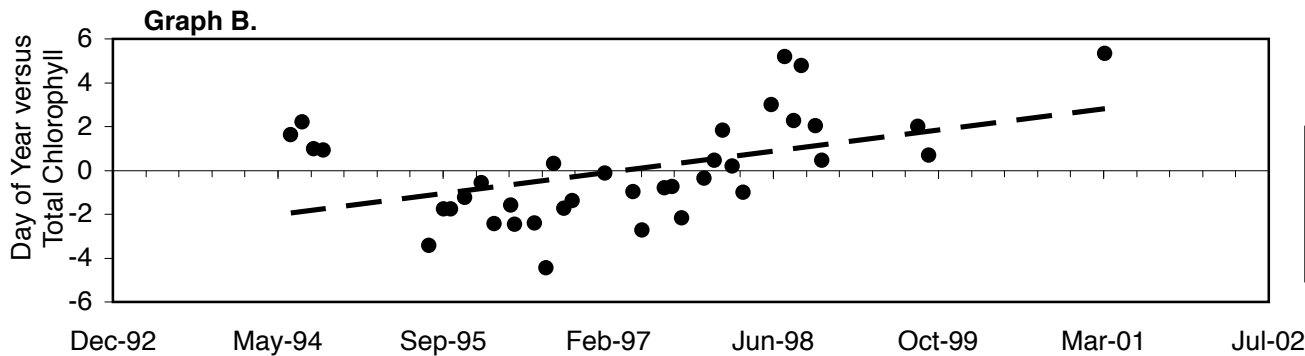
Florida LAKEWATCH

Bellamy / Citrus

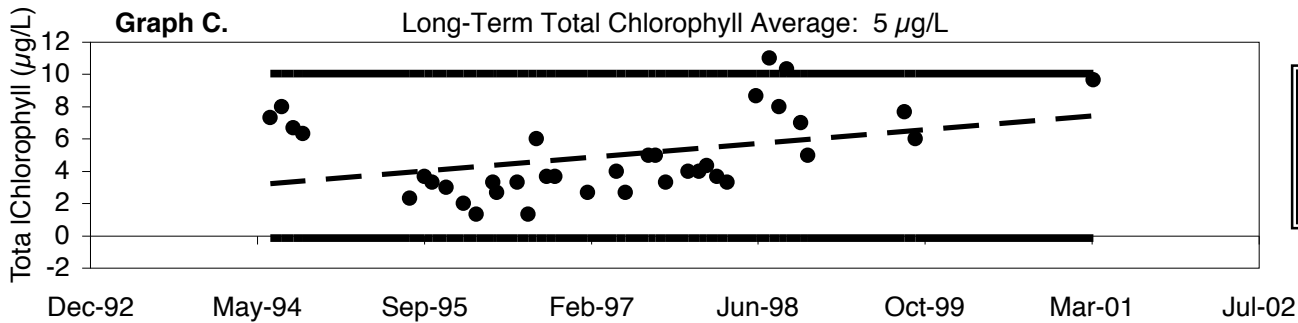
Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
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 December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 0.71x + (-7.48)$; $RSQ = 0.223$; $P=0.0032$



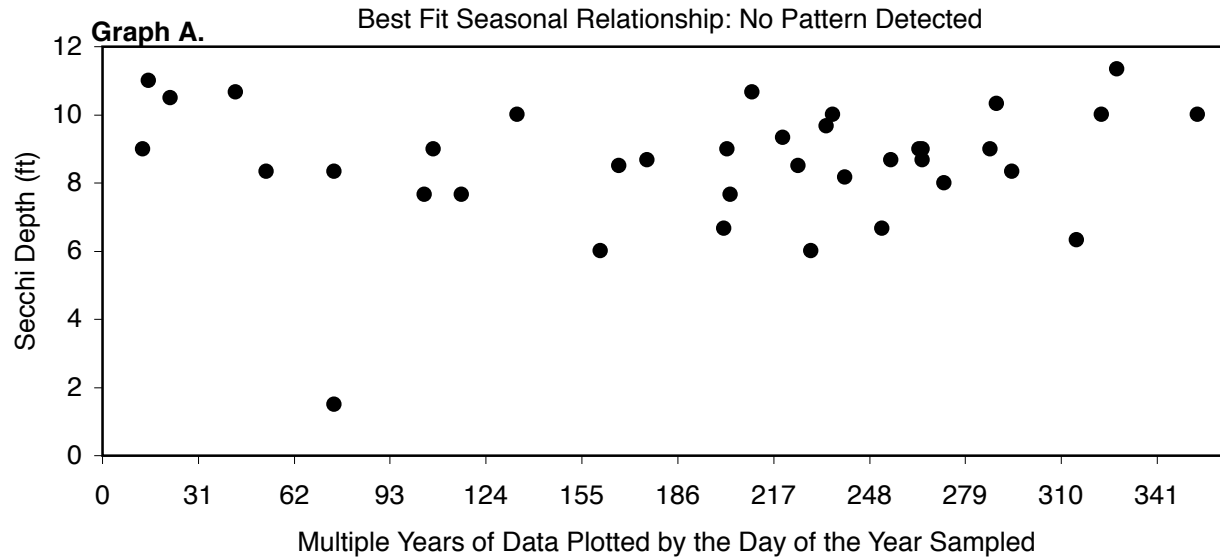
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = 0.62x + (-1.66)$; $RSQ = 0.149$; $P=0.02$

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

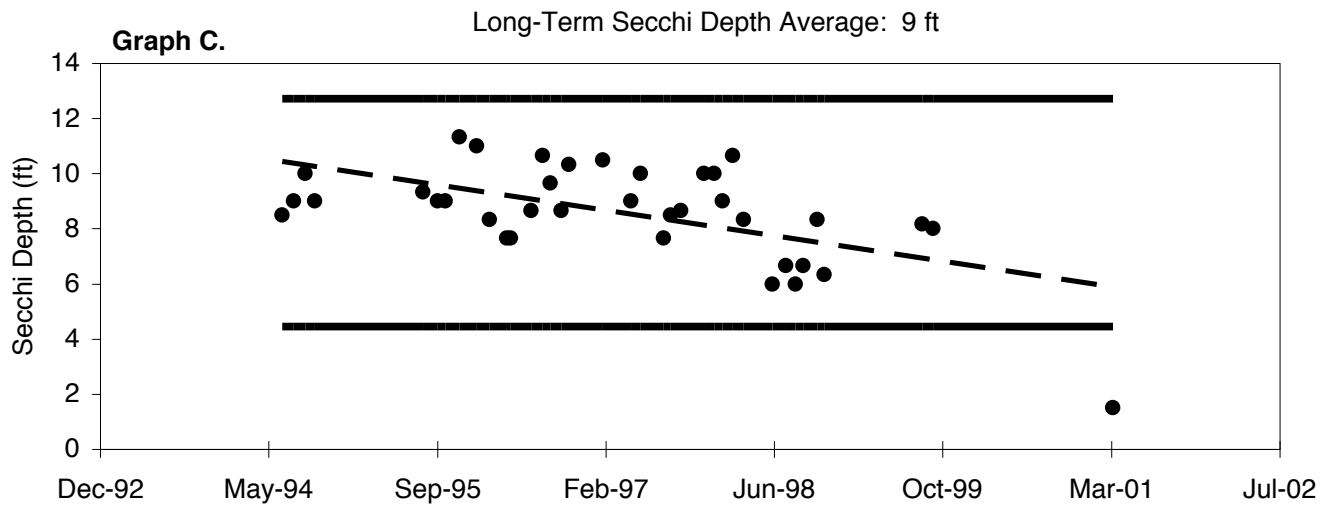
Florida LAKEWATCH

Bellamy / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



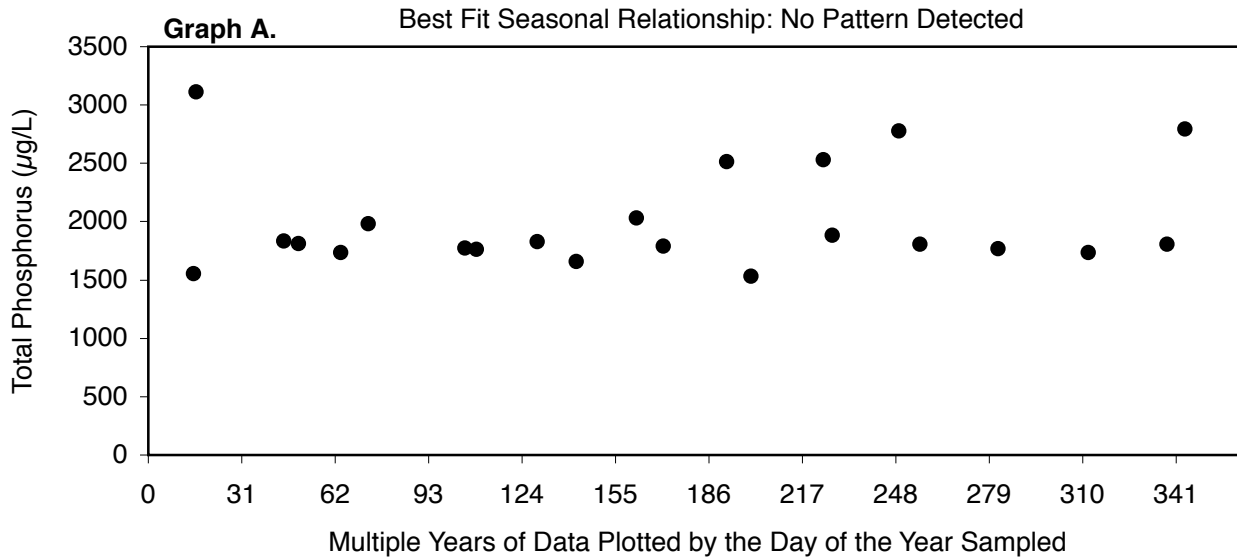
January starts at day 1
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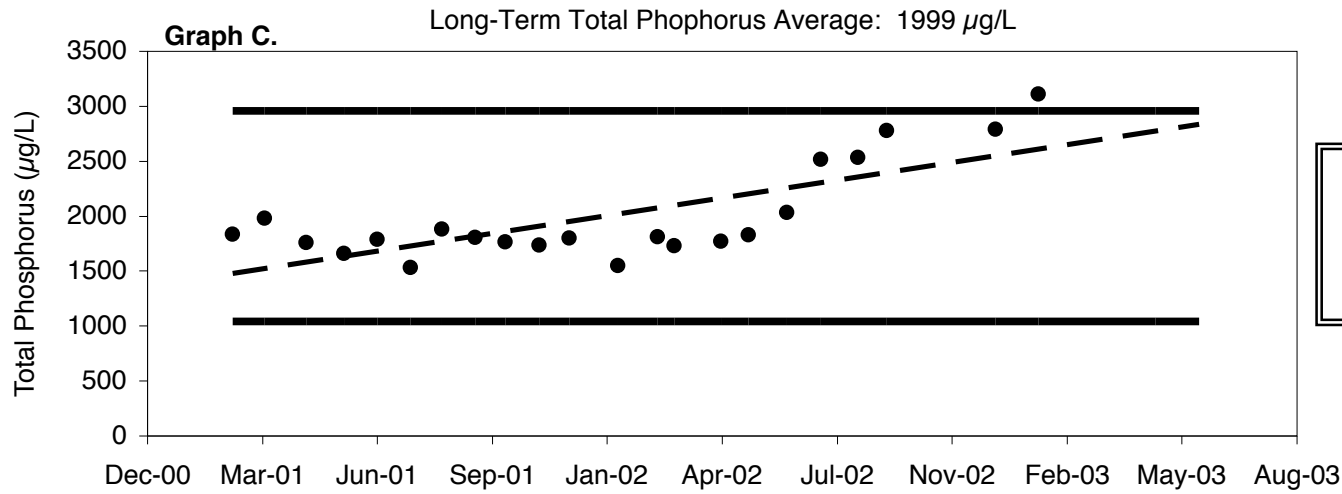
Regression Statistics for Mean Secchi Depth and Date
 Relationship: $y = -0.67x + (15.73)$; $RSQ = 0.334$; $P = <0.0001$

● Monthly Mean Secchi (FT) ——— 48% Lower CI ——— 48% Upper CI - - - Linear Regression

Florida LAKEWATCH Club House 1 / Citrus Total Phosphorus Seasonal and Long-Term Trend Analyses



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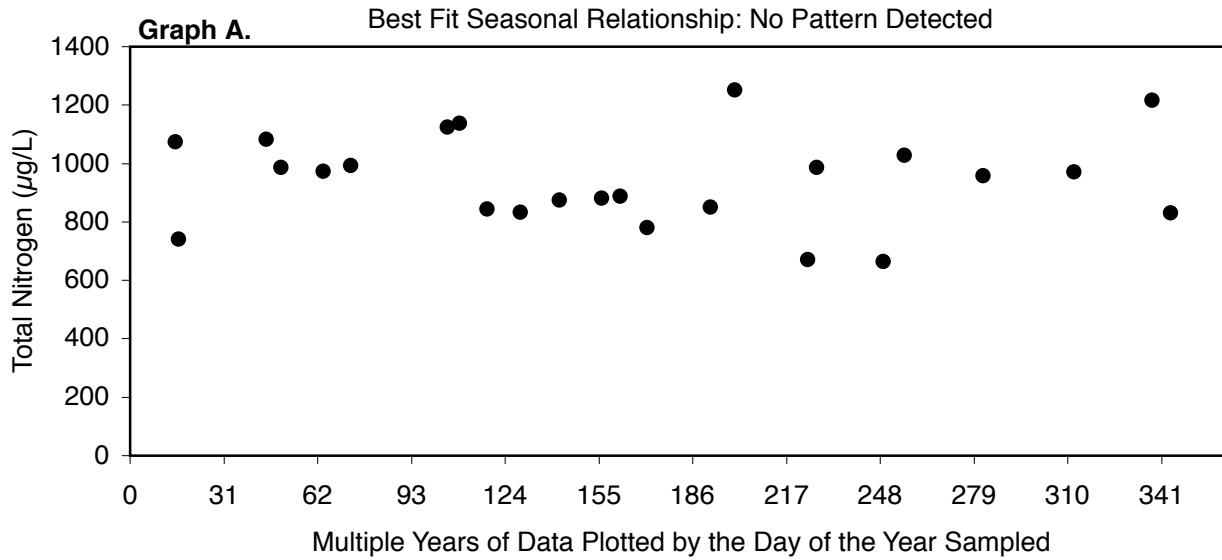
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = 588.63x + (-7061.72)$; $RSQ = 0.56$; $P = <0.0001$

● Monthly Mean(TP (µg/L)) ——— 48% Lower C.I. ——— 48% Upper C.I. - - - Linear Regression

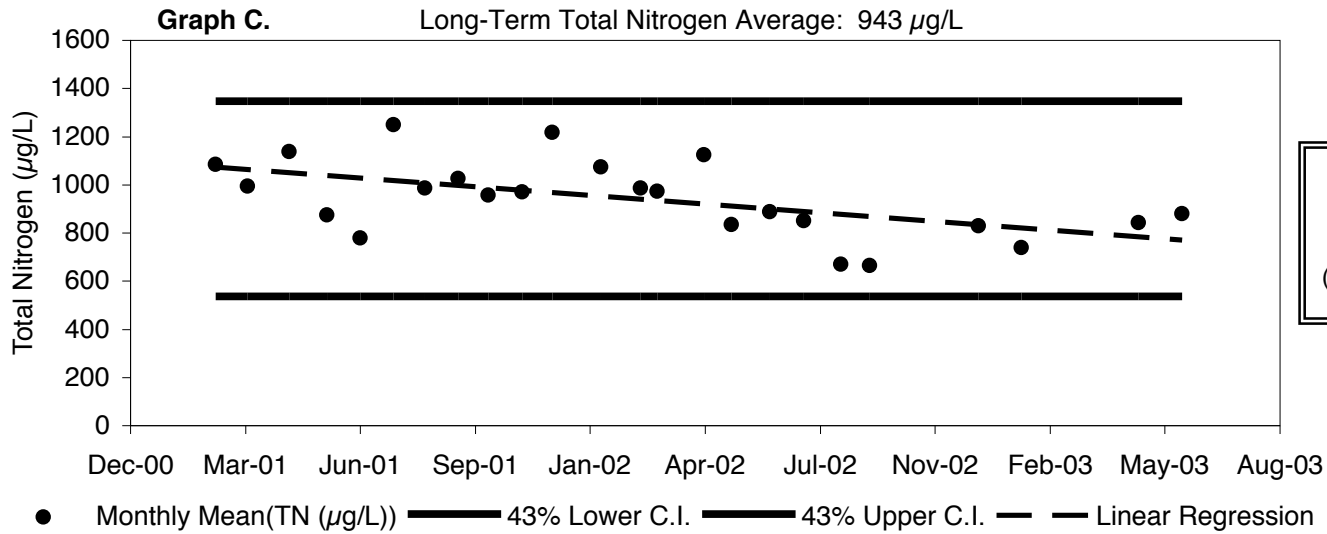
Florida LAKEWATCH

Club House 1 / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



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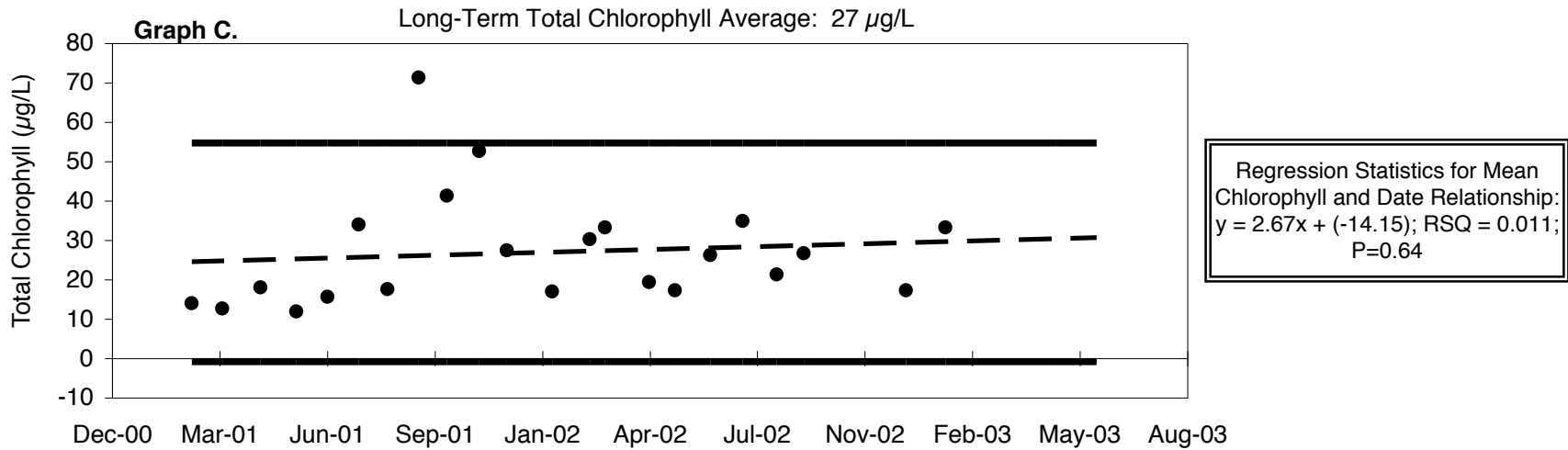
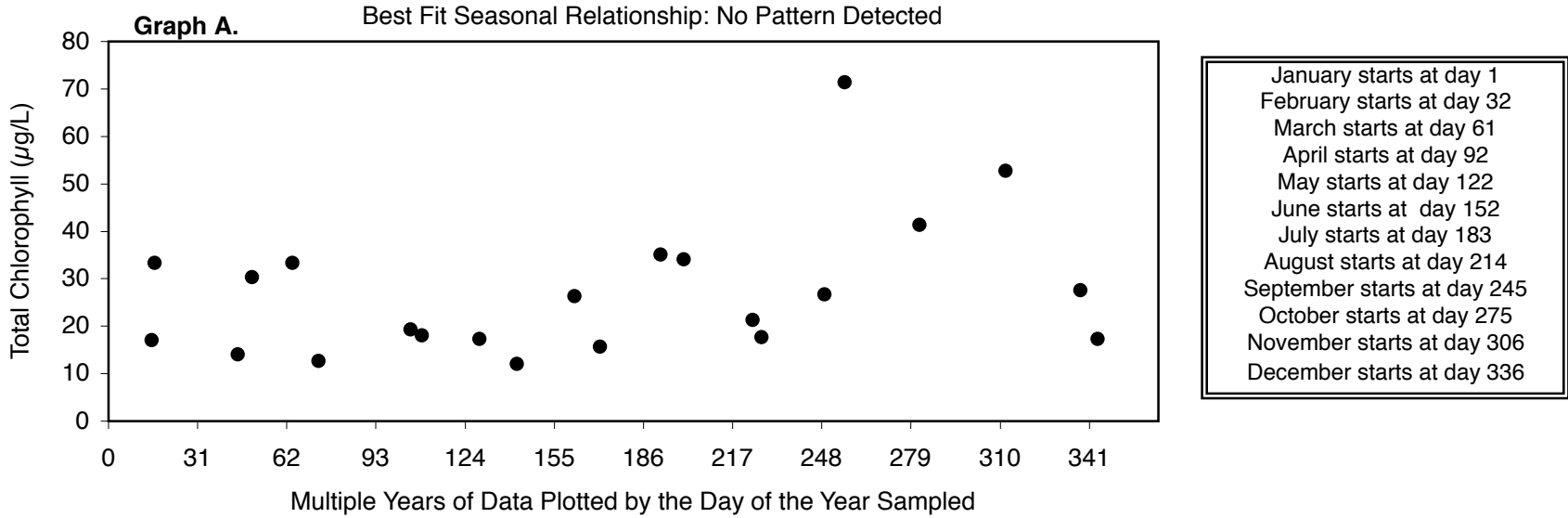


Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = -131.15x + (2976.52)$; $RSQ = 0.305$; $P=0.01$

Florida LAKEWATCH

Club House 1 / Citrus

Total Chlorophyll Seasonal and Long-Term Trend Analyses

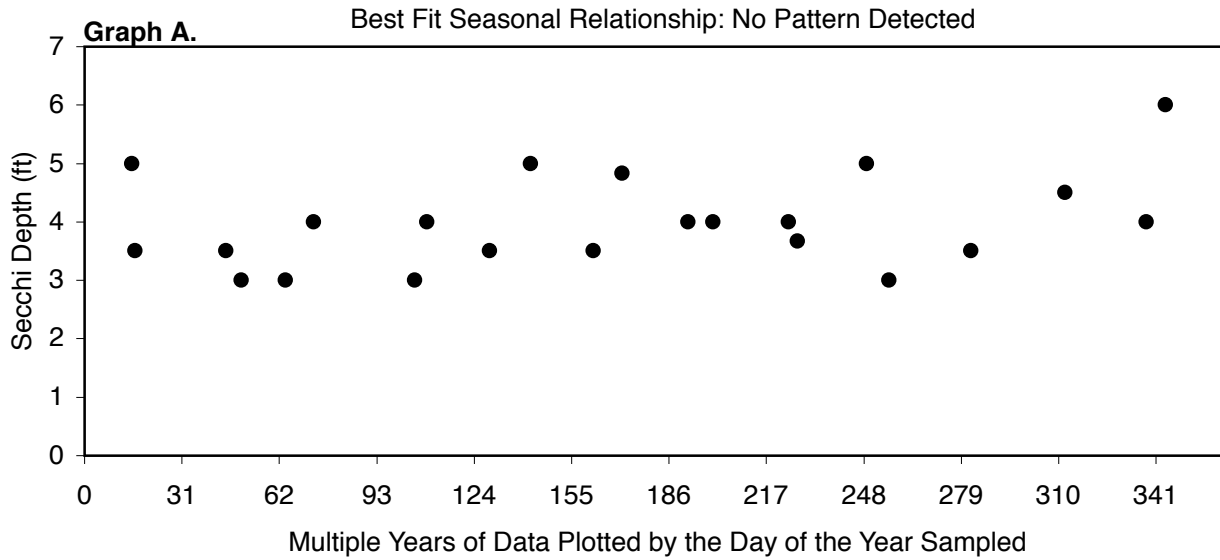


● Monthly Mean(CHL A (µg/L)) ——— 103% Lower C.I. ——— 103% Upper C.I. - - - Linear Regression

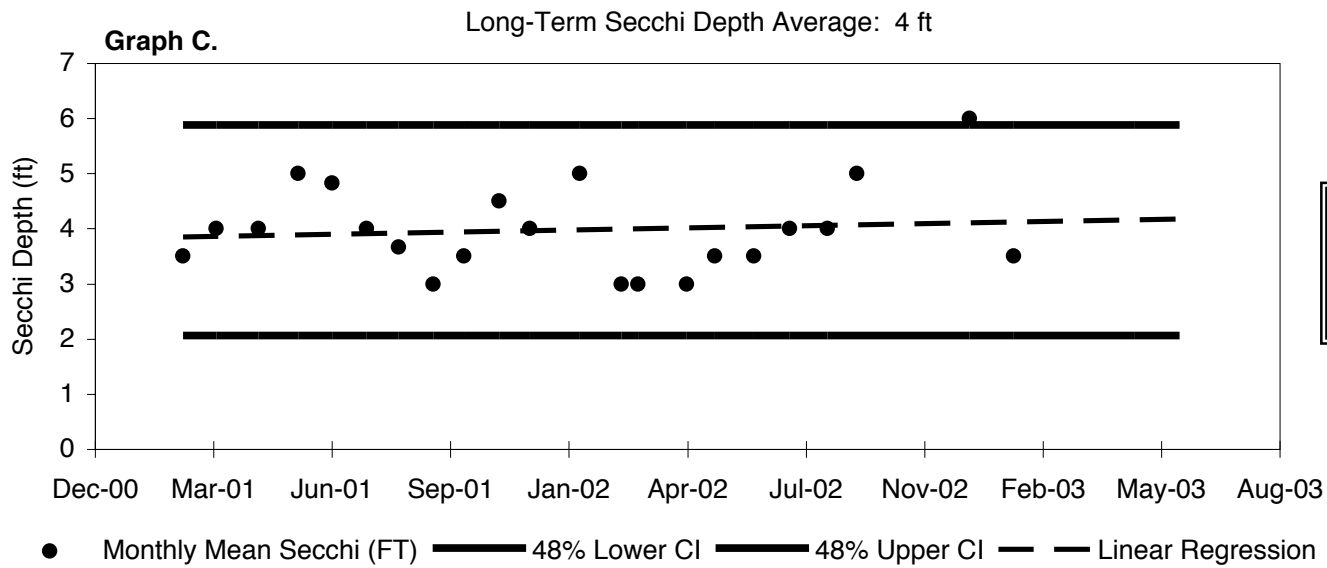
Florida LAKEWATCH

Club House 1 / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



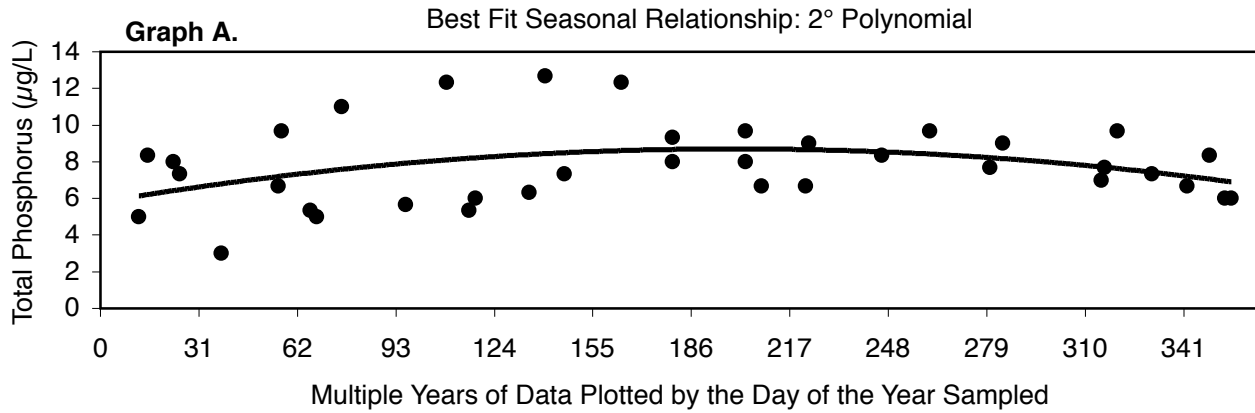
January starts at day 1
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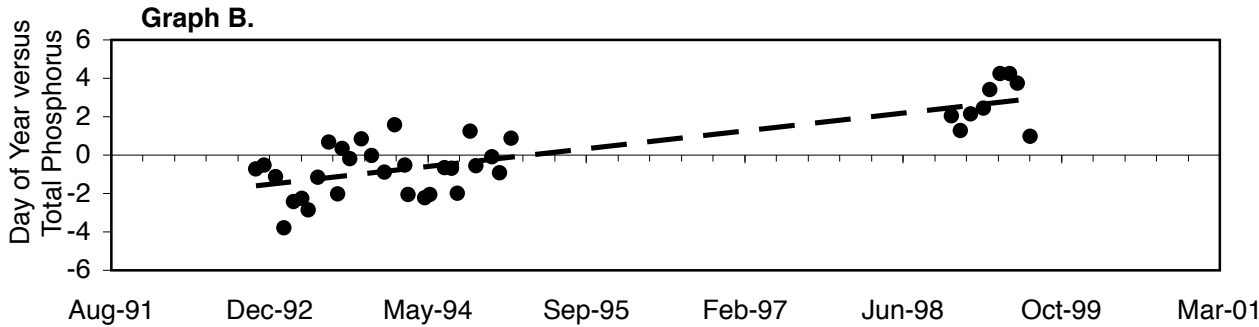
Florida LAKEWATCH

Croft / Citrus

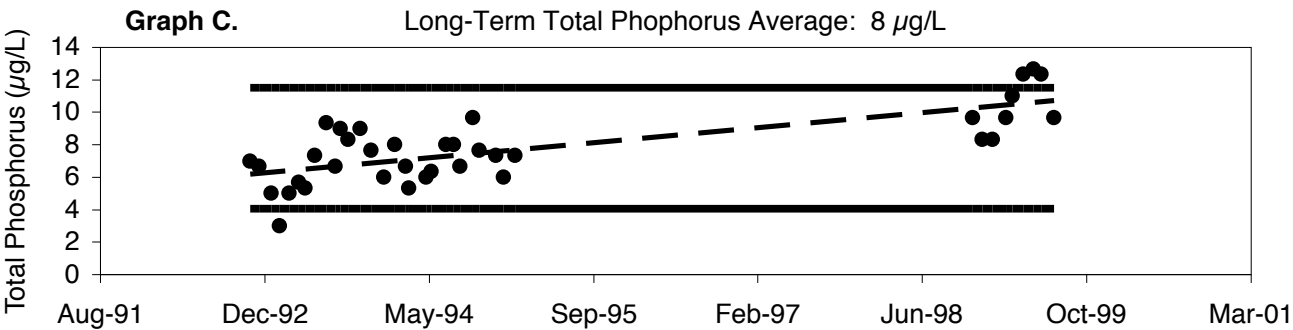
Total Phosphorus Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
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Regression Statistics for Mean Residual Total Phosphorus and Date Relationship: $y = 0.68x + (-5.84)$; $RSQ = 0.637$; $P < 0.0001$



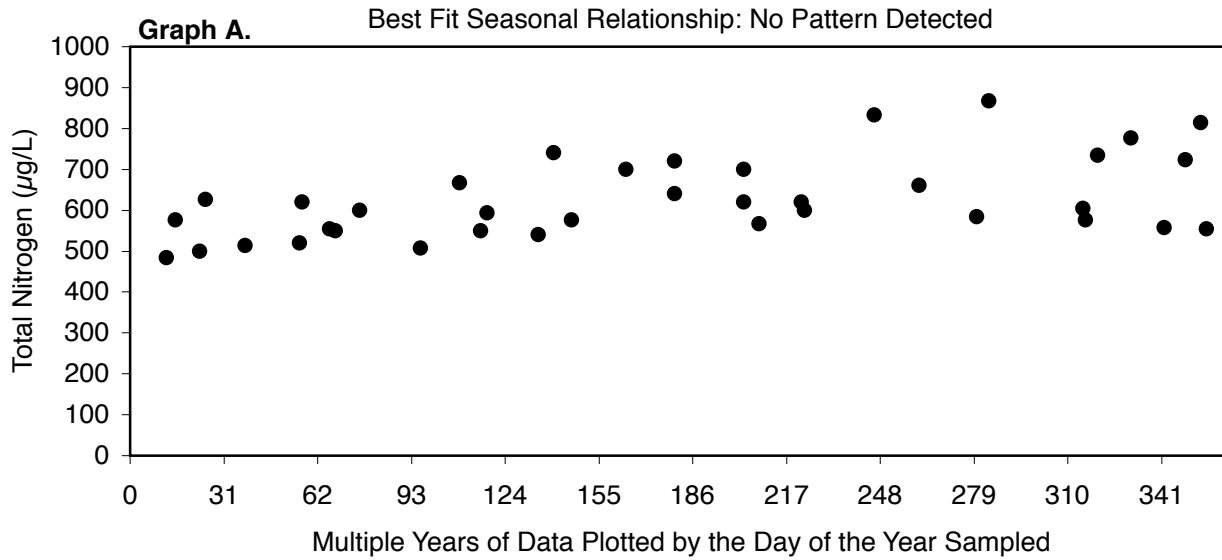
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = 0.68x + (1.96)$; $RSQ = 0.549$; $P < 0.0001$

● Monthly Mean(TP (µg/L)) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression

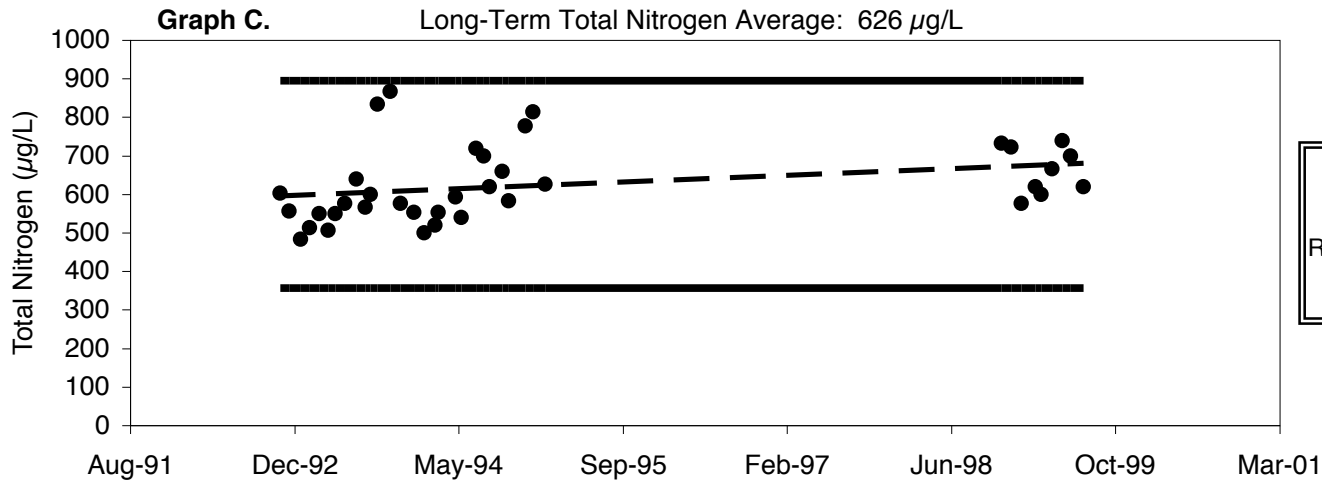
Florida LAKEWATCH

Croft / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
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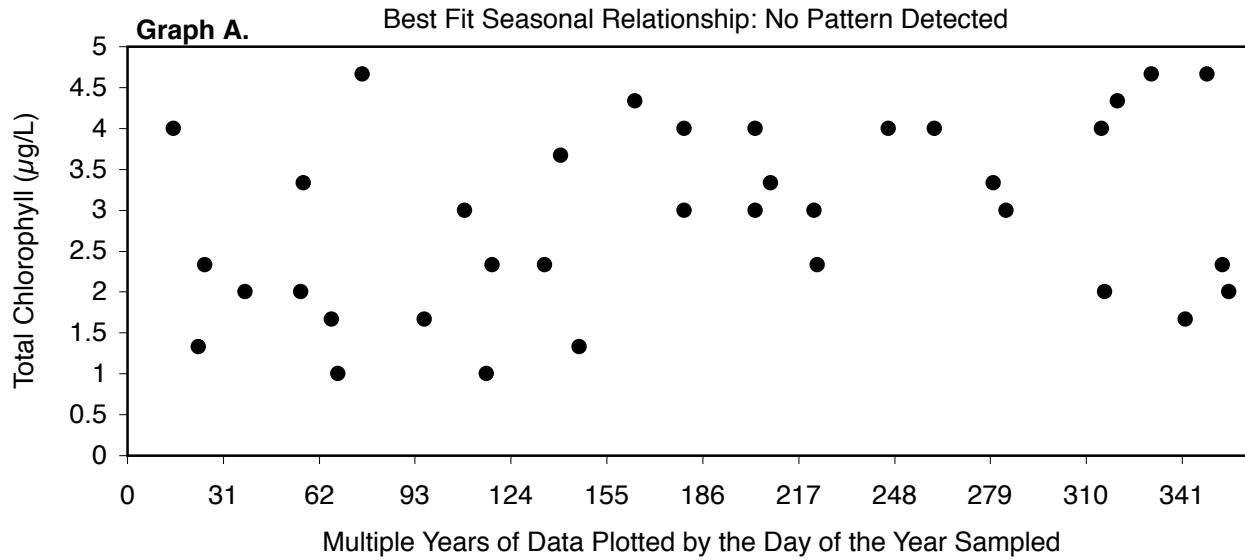
Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 12.8x + (515.94)$;
 RSQ = 0.098; P=0.06

● Monthly Mean(TN (µg/L)) ——— 43% Lower C.I. ——— 43% Upper C.I. - - - Linear Regression

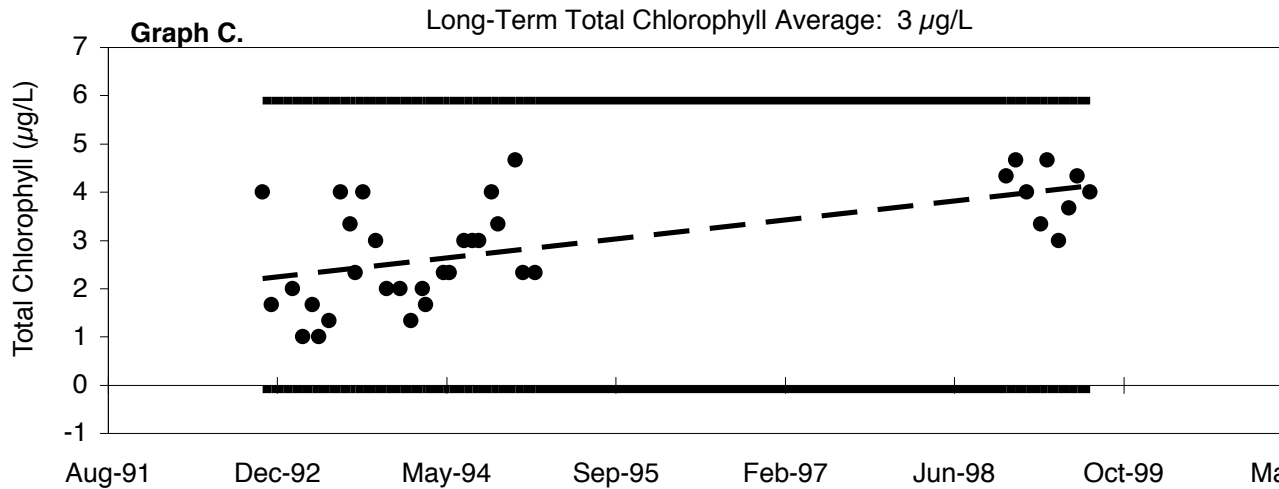
Florida LAKEWATCH

Croft / Citrus

Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
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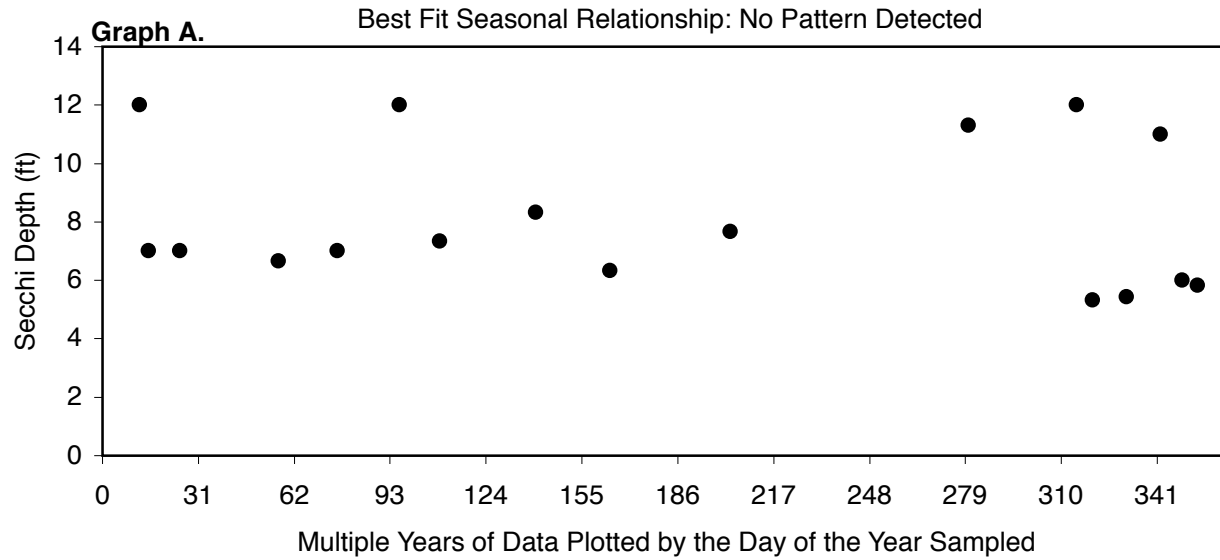
Regression Statistics for Mean Chlorophyll and Date Relationship:
 $y = 0.29x + (0.42)$; $\text{RSQ} = 0.374$;
 $P < 0.0001$

● Monthly Mean(CHL A ($\mu\text{g/L}$)) — 103% Lower C.I. — 103% Upper C.I. - - - Linear Regression

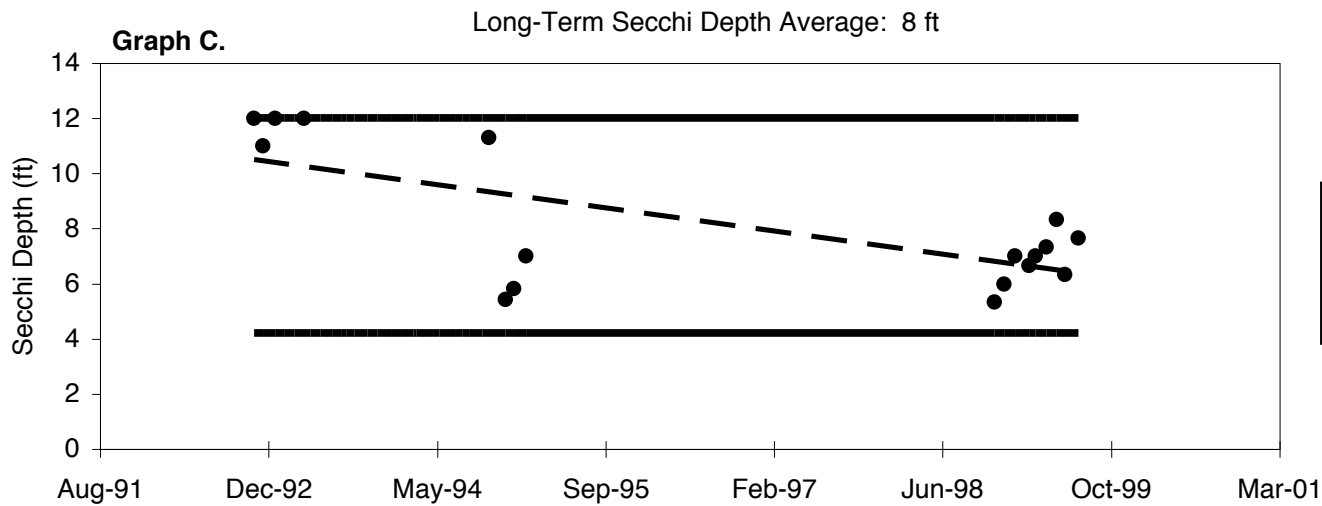
Florida LAKEWATCH

Croft / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
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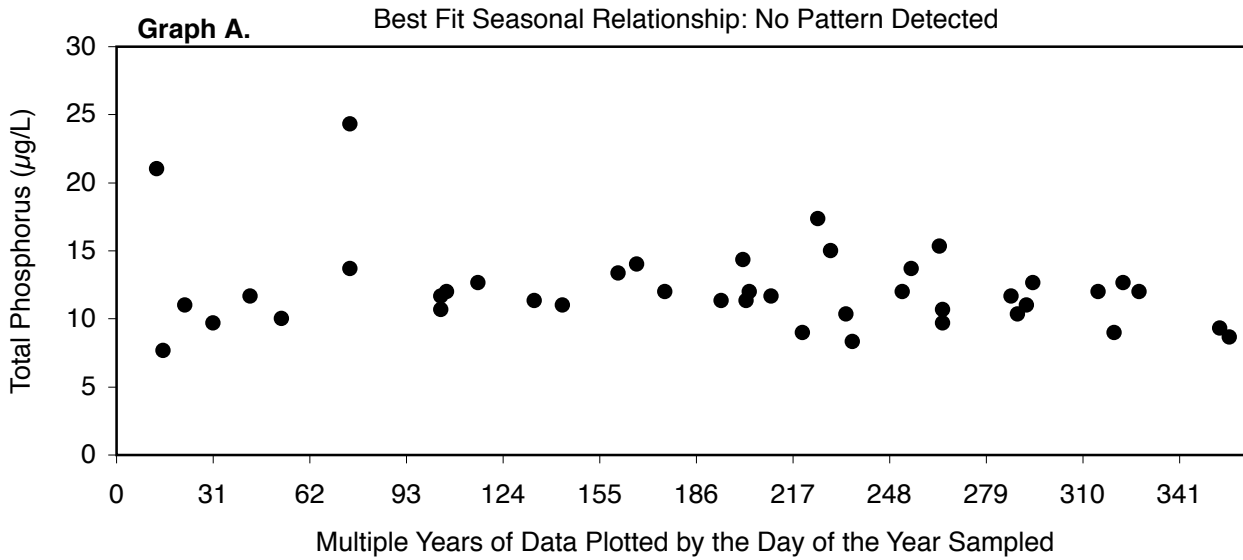
Regression Statistics for Mean Secchi Depth and Date
 Relationship: $y = -0.62x + (14.37)$; $RSQ = 0.479$; $P = 0.002$

● Monthly Mean Secchi (FT) ——— 48% Lower CI ——— 48% Upper CI - - - Linear Regression

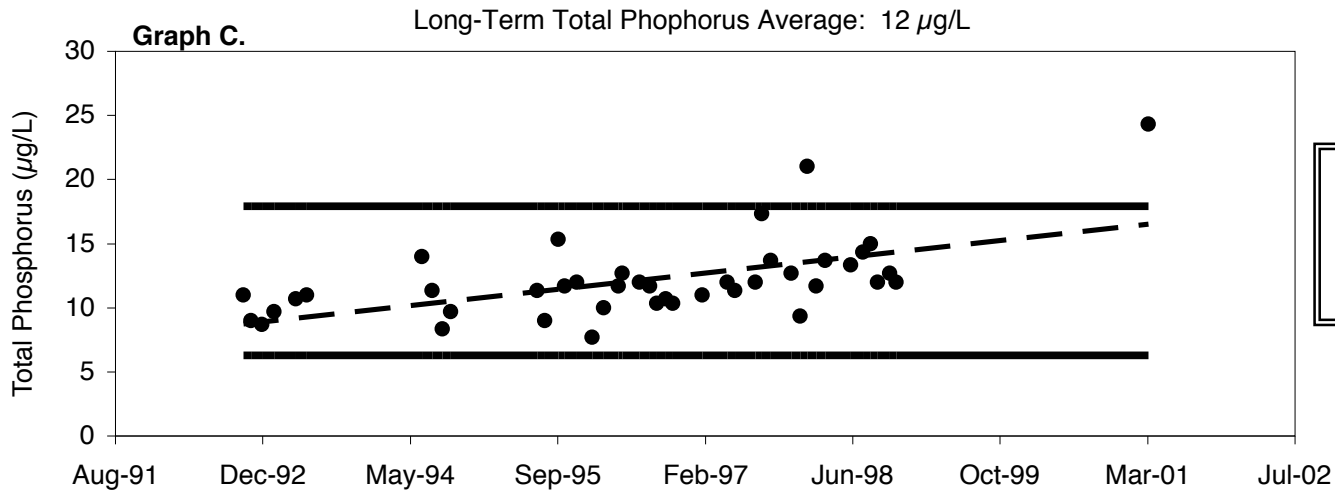
Florida LAKEWATCH

Dodd / Citrus

Total Phosphorus Seasonal and Long-Term Trend Analyses



January starts at day 1
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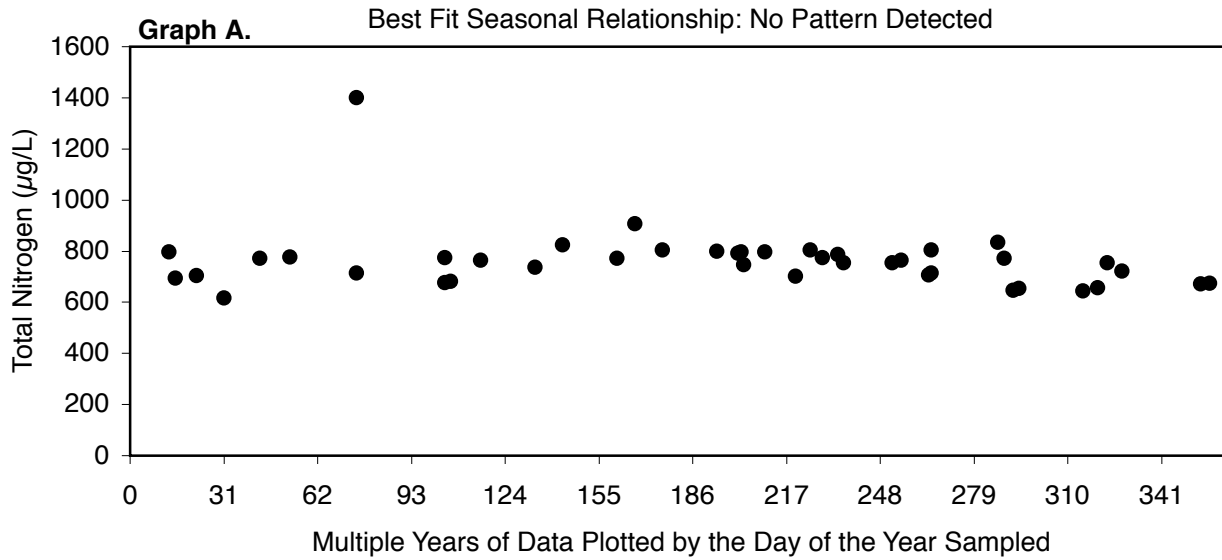
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = 0.93x + (2.98)$; $RSQ = 0.34$; $P = <0.0001$

● Monthly Mean(TP ($\mu\text{g/L}$)) — 48% Lower C.I. — 48% Upper C.I. - - Linear Regression

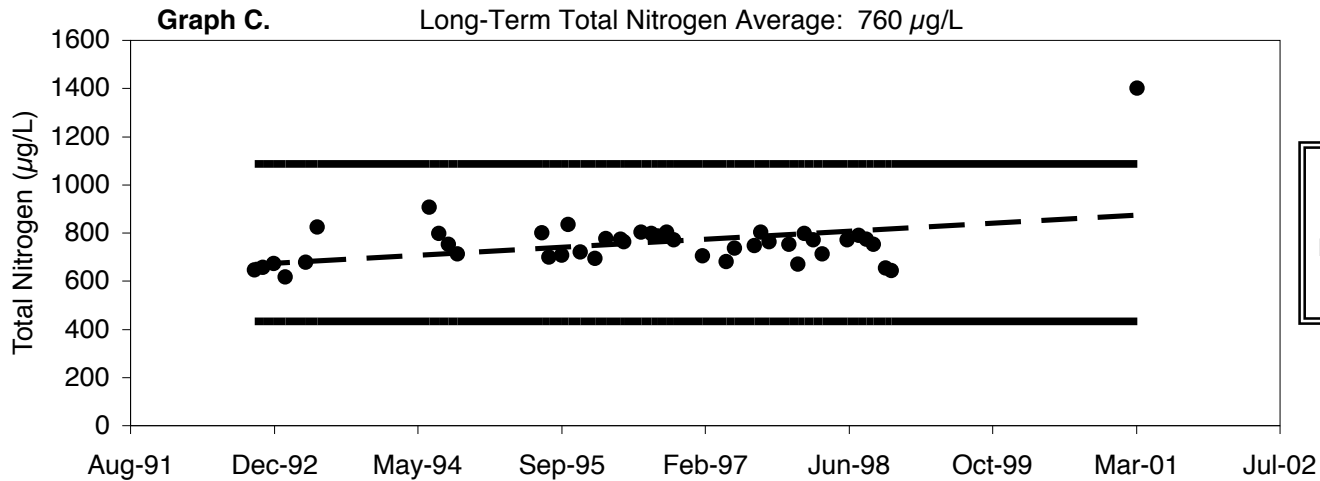
Florida LAKEWATCH

Dodd / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



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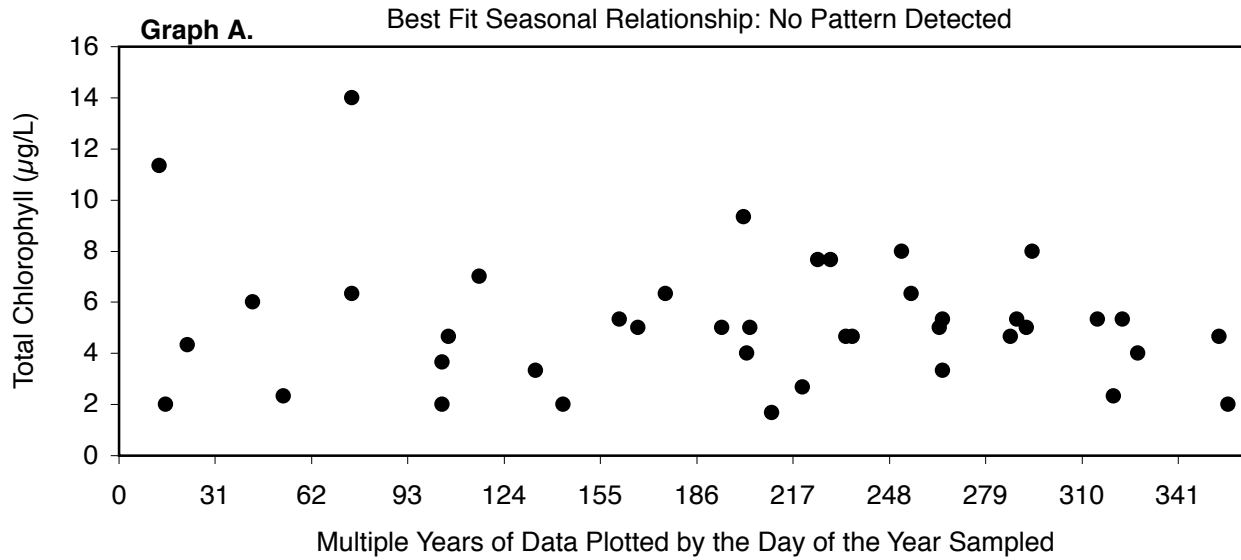
Regression Statistics for Mean Total Nitrogen and Date Relationship: $y = 24.26x + (521)$; RSQ = 0.161; P=0.01

● Monthly Mean(TN (µg/L)) ——— 43% Lower C.I. ——— 43% Upper C.I. - - - Linear Regression

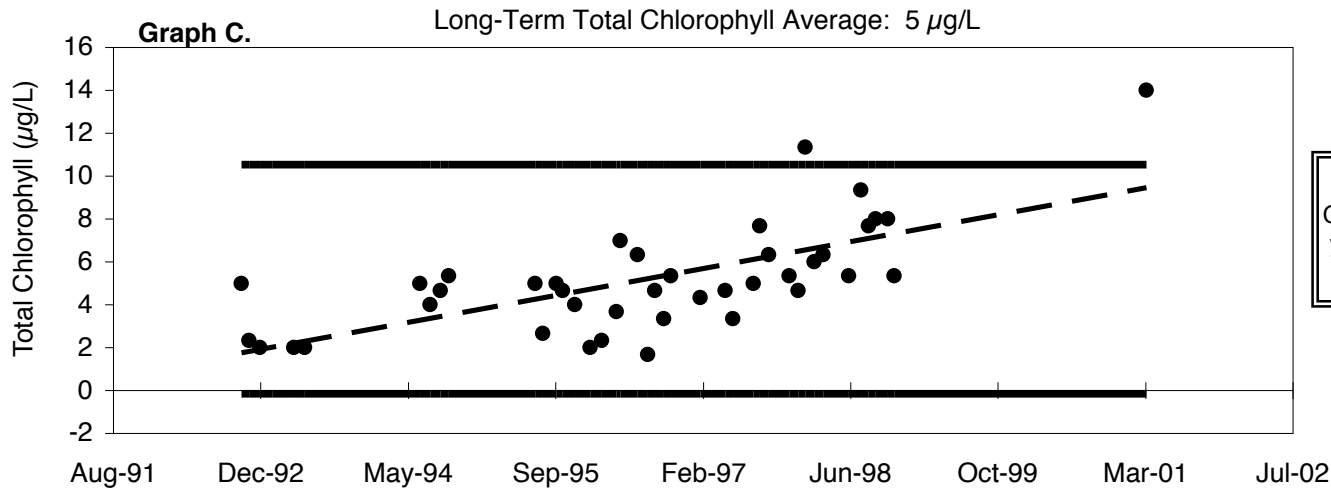
Florida LAKEWATCH

Dodd / Citrus

Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
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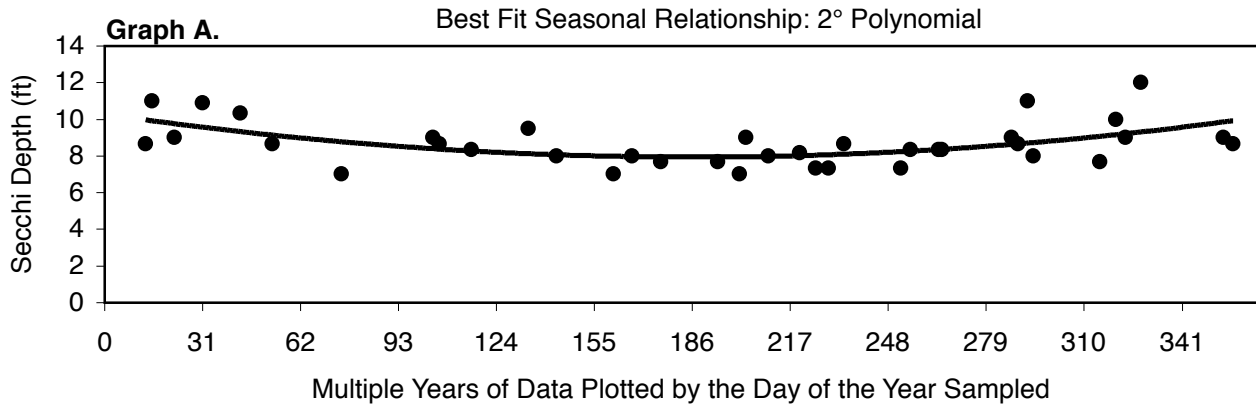
Regression Statistics for Mean Chlorophyll and Date Relationship:
 $y = 0.92x + (-3.91)$; $\text{RSQ} = 0.473$;
 $P = < 0.0001$

● Monthly Mean(CHLA ($\mu\text{g/L}$)) ——— 103% Lower C.I. ——— 103% Upper C.I. - - - Linear Regression

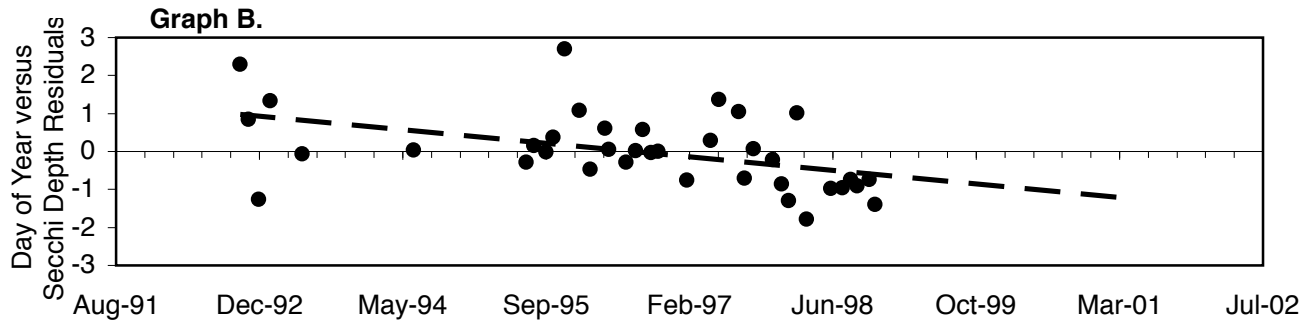
Florida LAKEWATCH

Dodd / Citrus

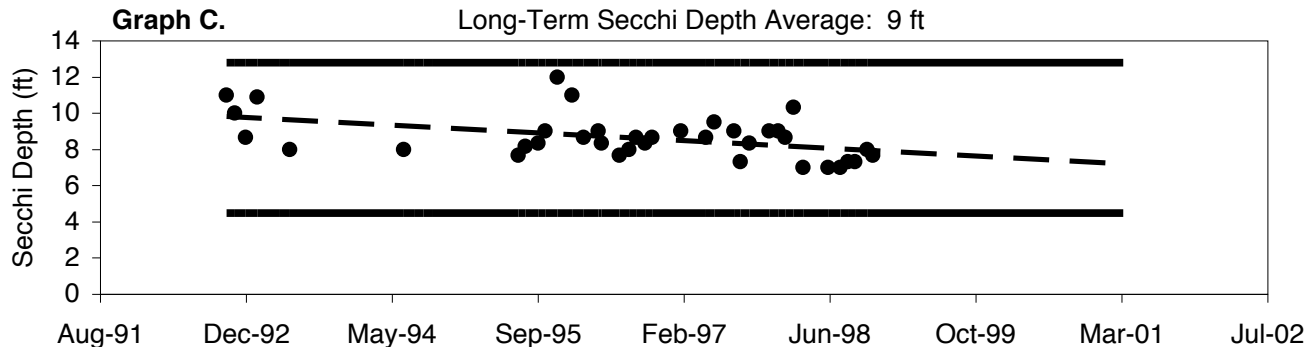
Secchi Depth Seasonal and Long-Term Trend Analyses



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Regression Statistics for Residual
 Mean Secchi Depth and Date
 Relationship: $y = -0.26x + (2.58)$;
 RSQ = 0.217; P = 0.0037



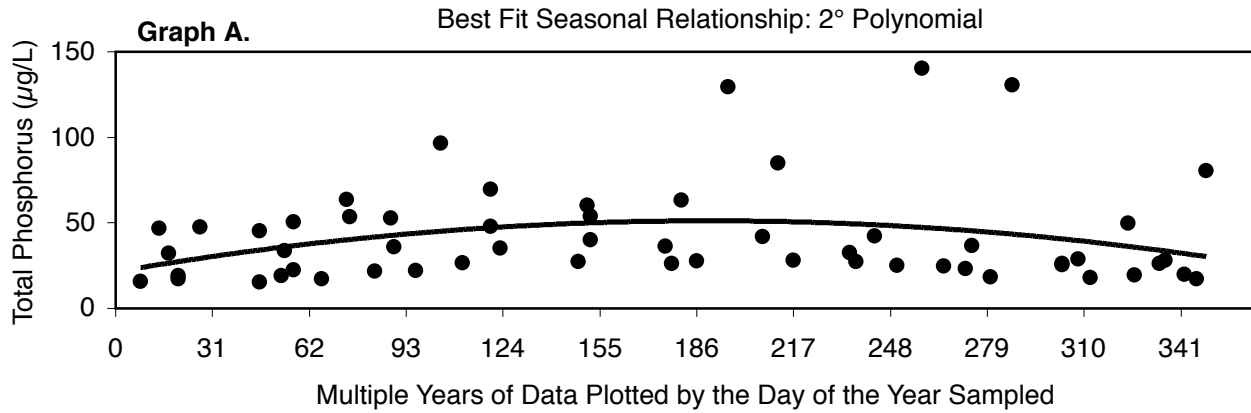
Regression Statistics for Mean
 Secchi Depth and Date
 Relationship: $y = -0.31x + (11.75)$;
 RSQ = 0.213; P = 0.004

● Monthly Mean Secchi (FT) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression

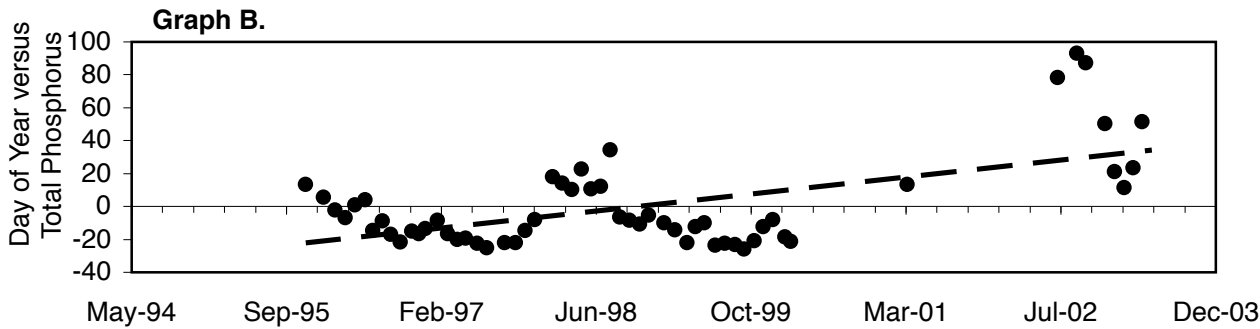
Florida LAKEWATCH

Floral City / Citrus

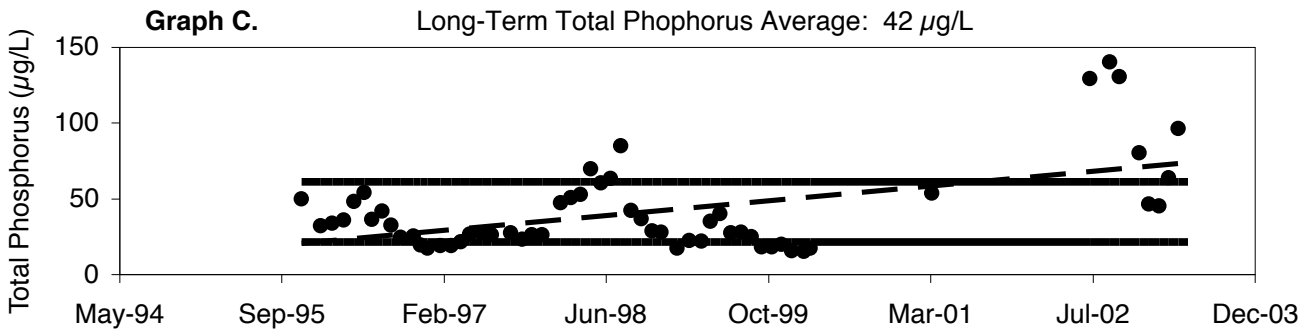
Total Phosphorus Seasonal and Long-Term Trend Analyses



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Regression Statistics for Mean Residual Total Phosphorus and Date Relationship: $y = 7.54x + (-91.9)$; $RSQ = 0.336$; $P < 0.0001$



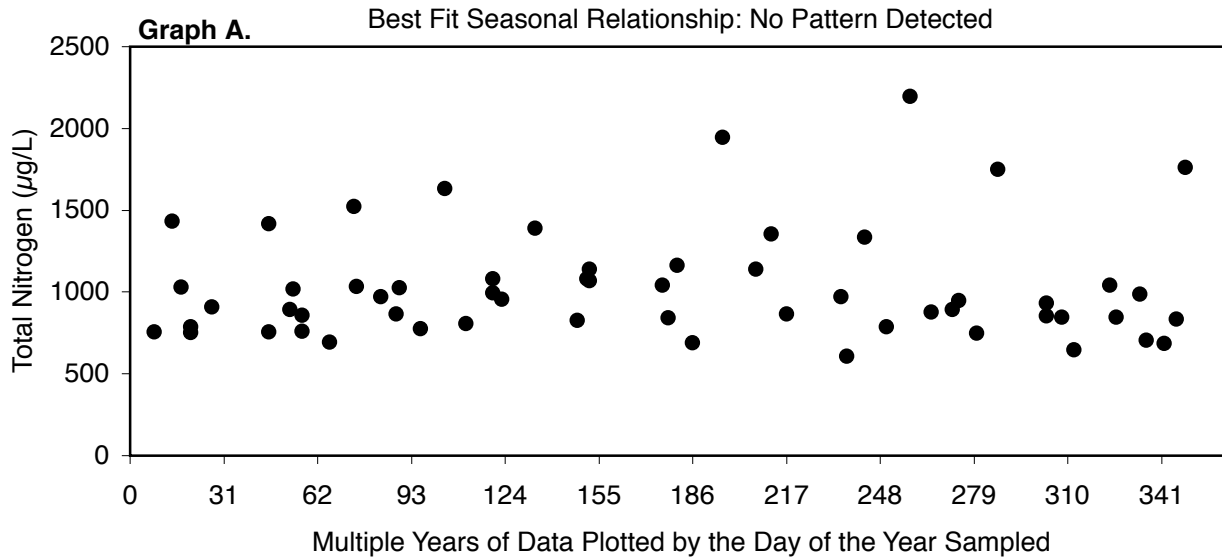
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = 7.12x + (-45.25)$; $RSQ = 0.276$; $P < 0.0001$

● Monthly Mean(TP (µg/L)) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression

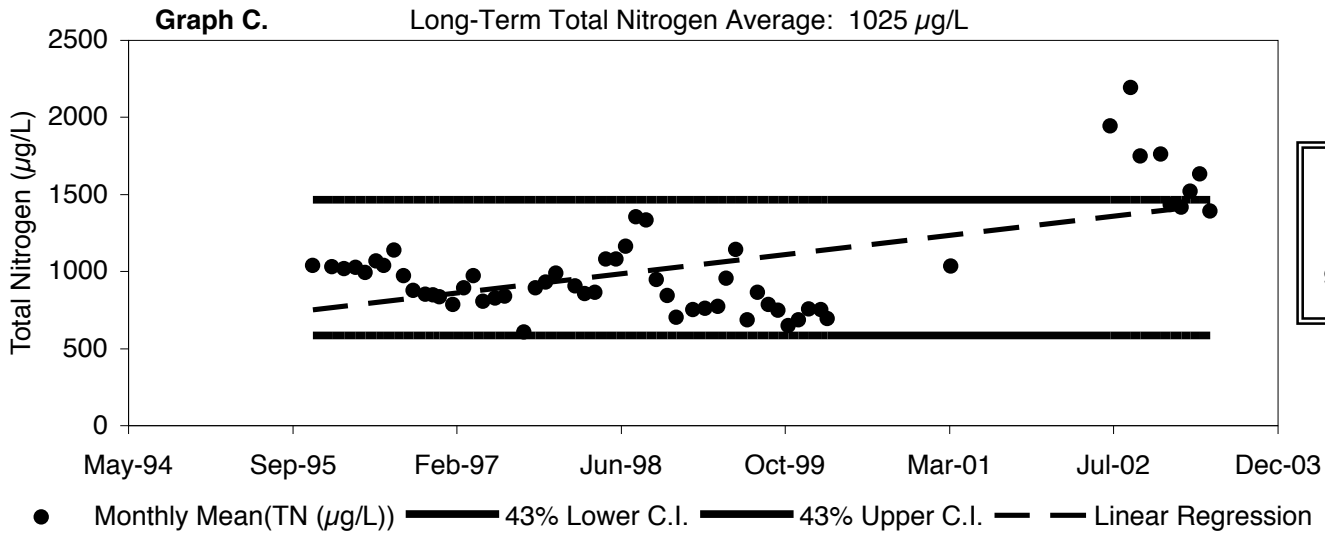
Florida LAKEWATCH

Floral City / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



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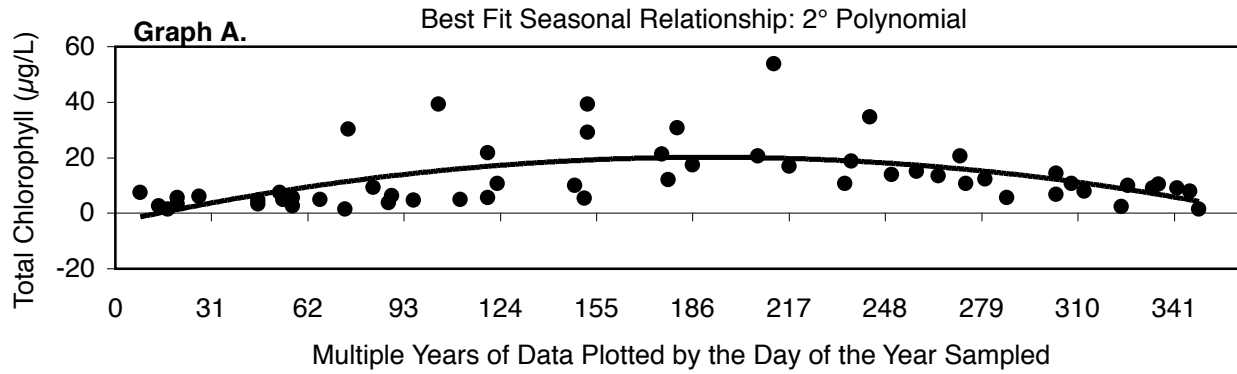


Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 90.94x + (-90.71)$; $RSQ = 0.35$; $P < 0.0001$

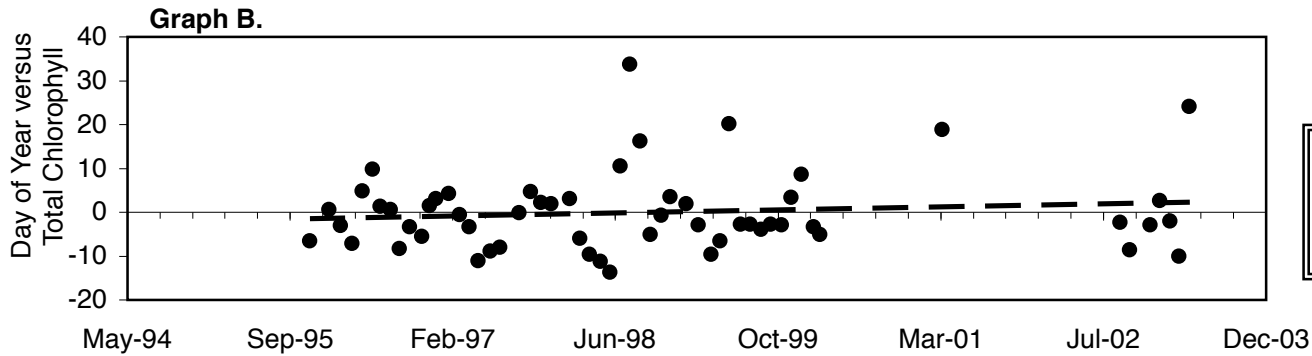
Florida LAKEWATCH

Floral City / Citrus

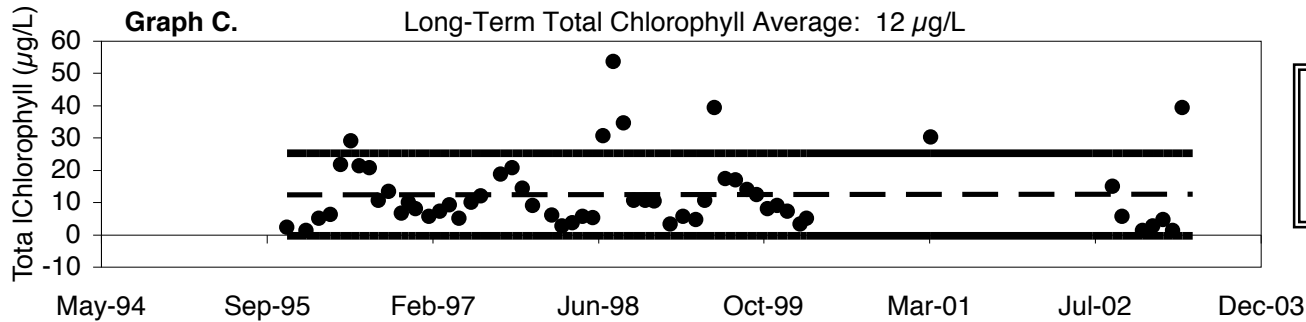
Total Chlorophyll Seasonal and Long-Term Trend Analyses



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Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 0.5x + (-6.02)$; $RSQ = 0.013$; $P=0.4088$



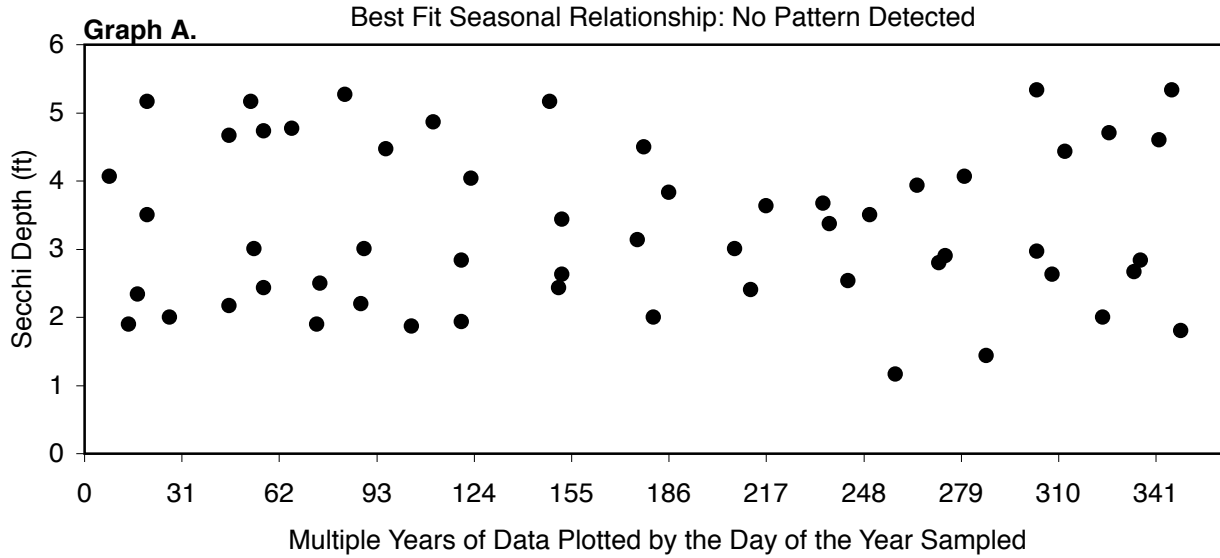
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = 0.02x + (12.23)$; $RSQ = 0$; $P=0.98$

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

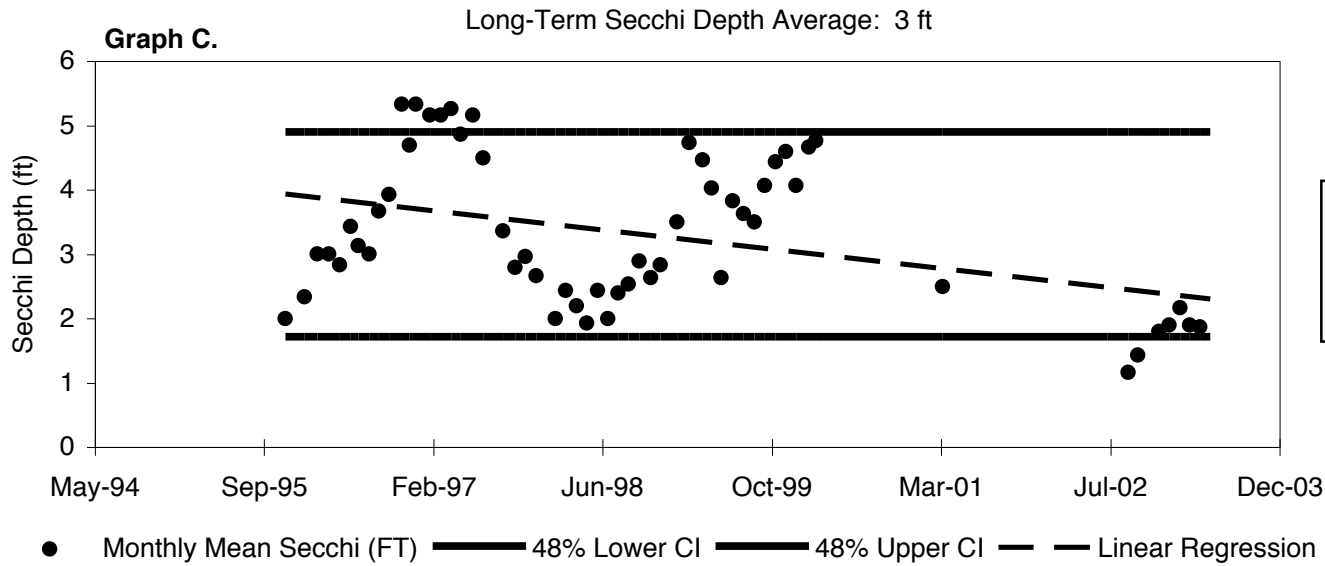
Florida LAKEWATCH

Floral City / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses

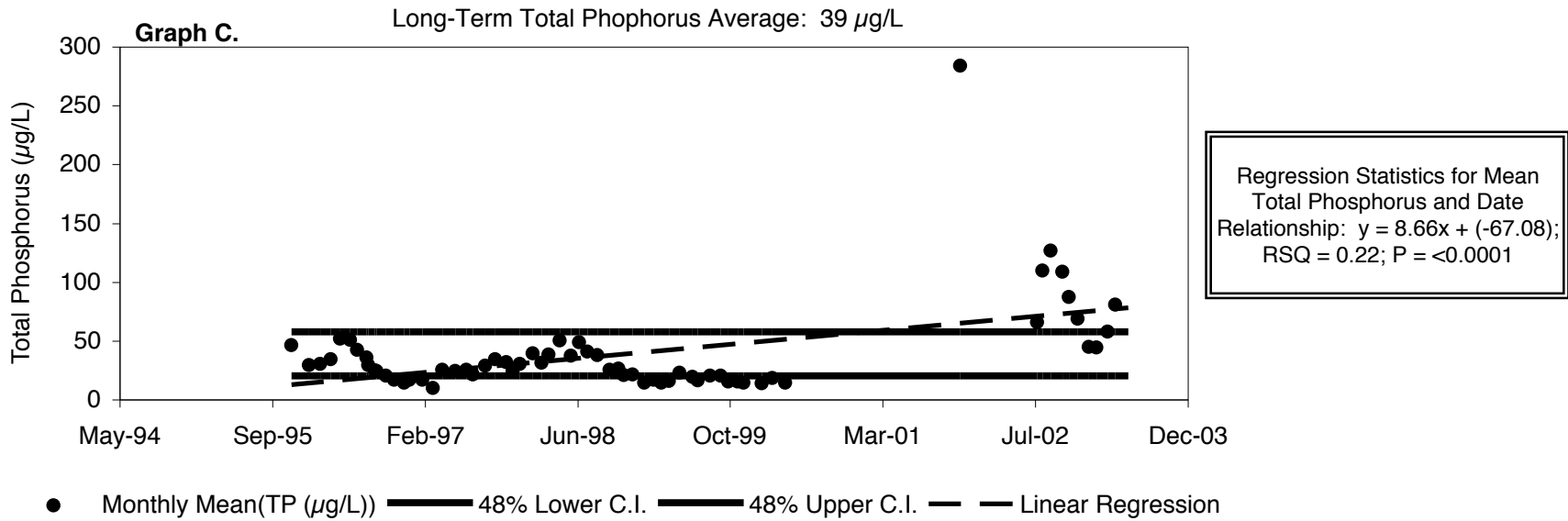
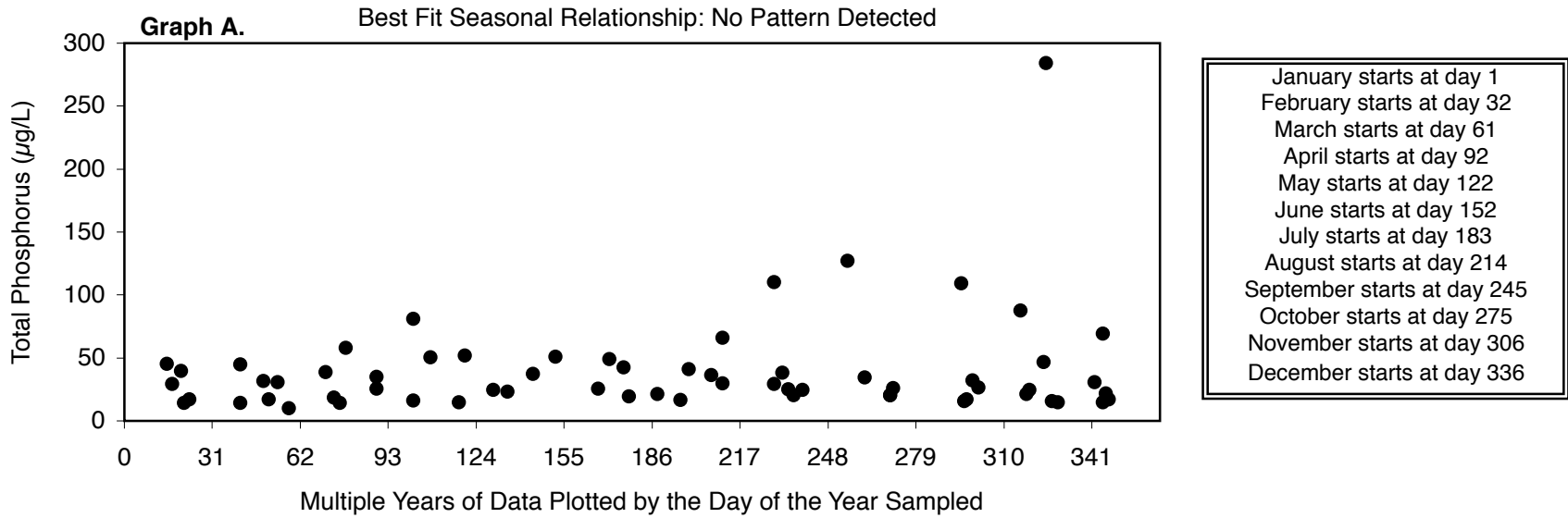


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Regression Statistics for Mean Secchi Depth and Date
 Relationship: $y = -0.22x + (5.95)$; $RSQ = 0.149$; $P = 0.003$

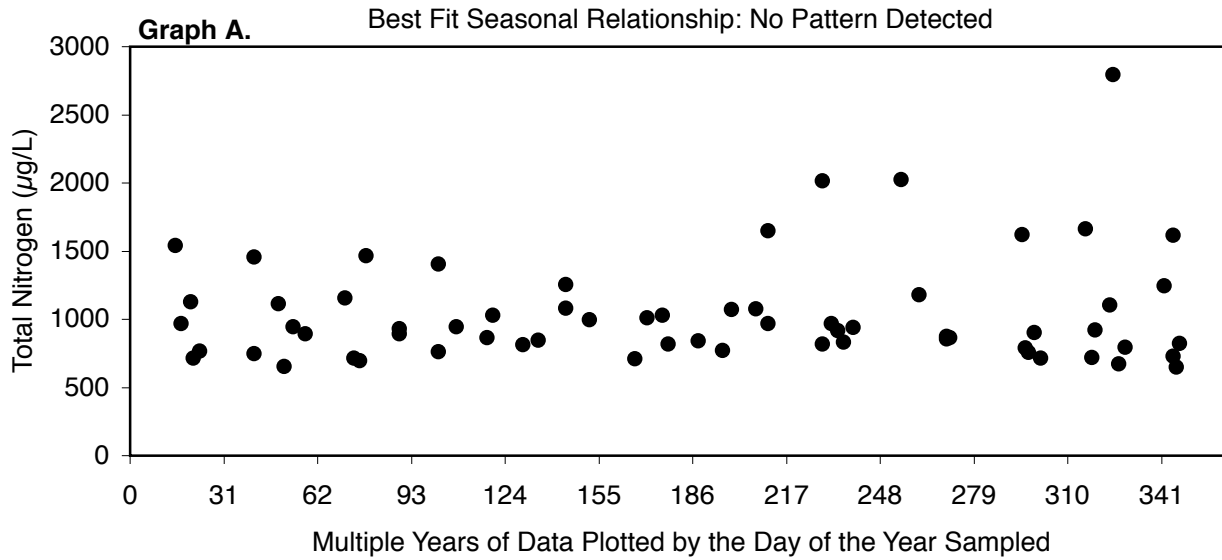
Florida LAKEWATCH Hampton / Citrus Total Phosphorus Seasonal and Long-Term Trend Analyses



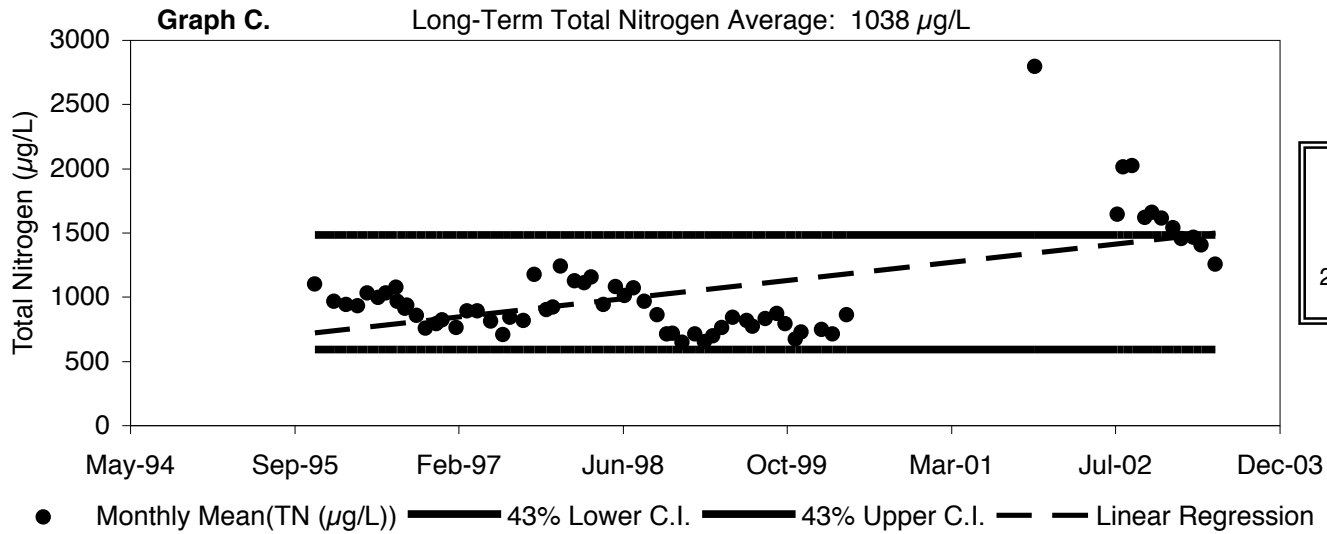
Florida LAKEWATCH

Hampton / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses

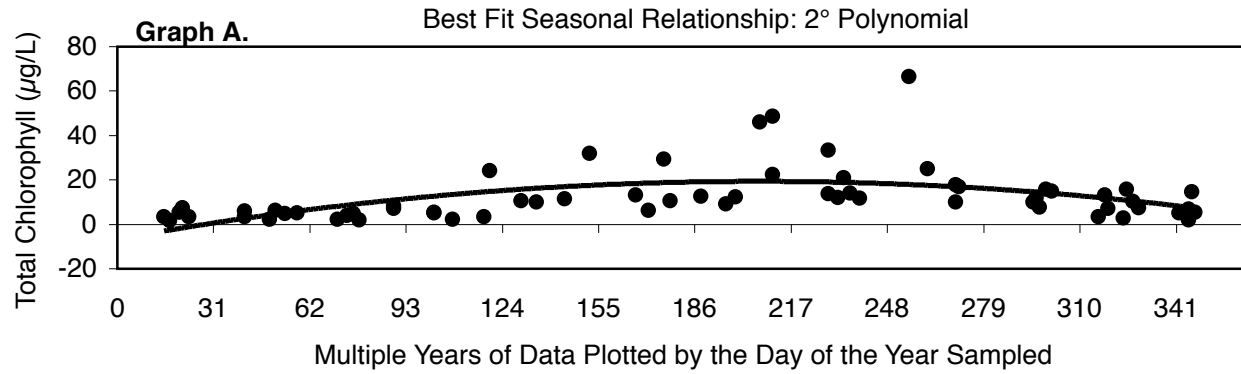


January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336

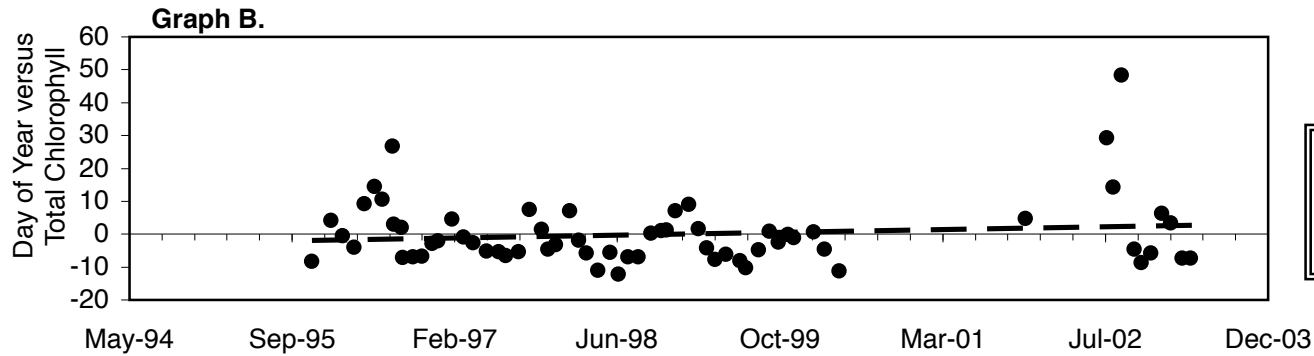


Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 103.56x + (-239.2)$; $RSQ = 0.352$; $P < 0.0001$

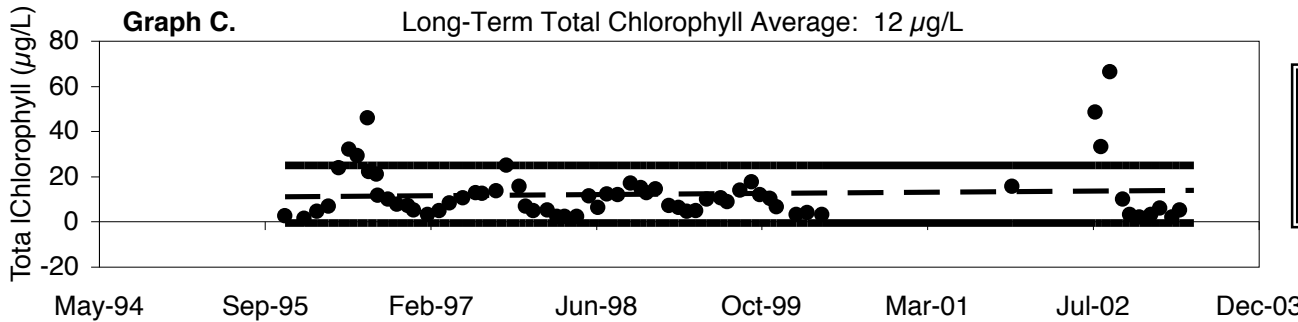
Florida LAKEWATCH Hampton / Citrus Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
February starts at day 32
March starts at day 61
April starts at day 92
May starts at day 122
June starts at day 152
July starts at day 183
August starts at day 214
September starts at day 245
October starts at day 275
November starts at day 306
December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 0.62x + (-7.56)$; $RSQ = 0.017$; $P=0.2987$



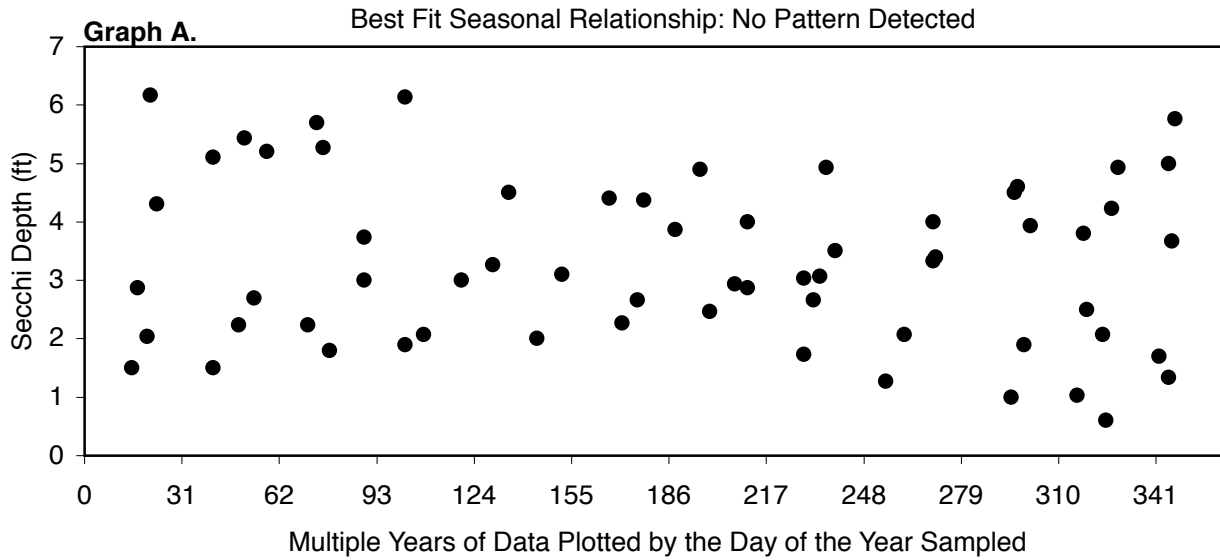
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = 0.35x + (7.95)$; $RSQ = 0.004$; $P=0.62$

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

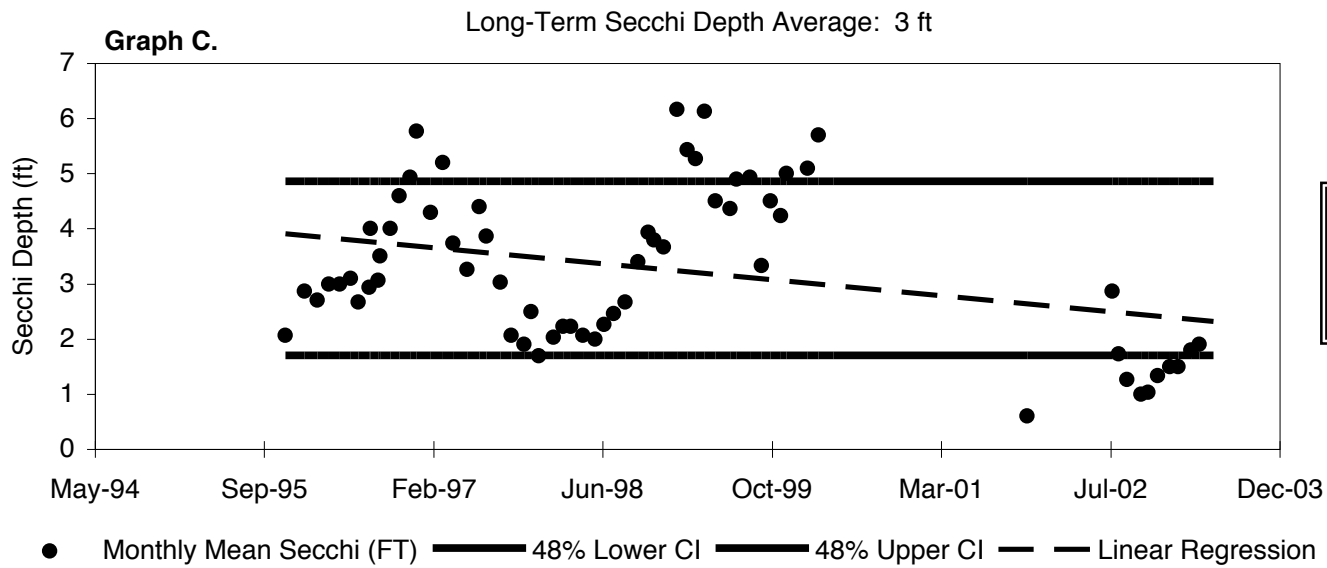
Florida LAKEWATCH

Hampton / Citrus

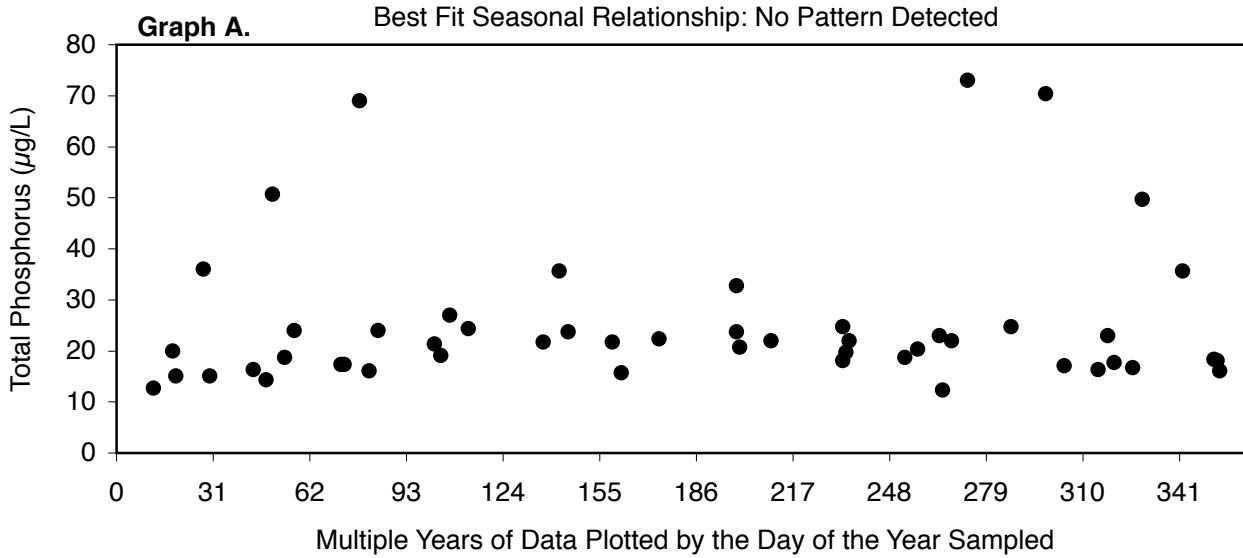
Secchi Depth Seasonal and Long-Term Trend Analyses



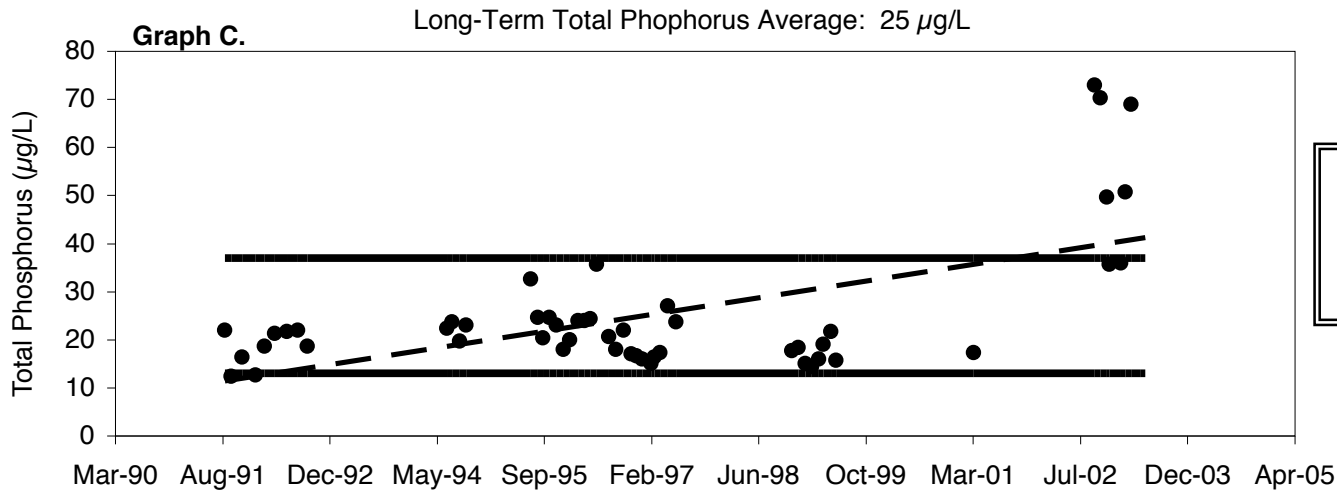
January starts at day 1
February starts at day 32
March starts at day 61
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July starts at day 183
August starts at day 214
September starts at day 245
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December starts at day 336



Florida LAKEWATCH Henderson / Citrus Total Phosphorus Seasonal and Long-Term Trend Analyses



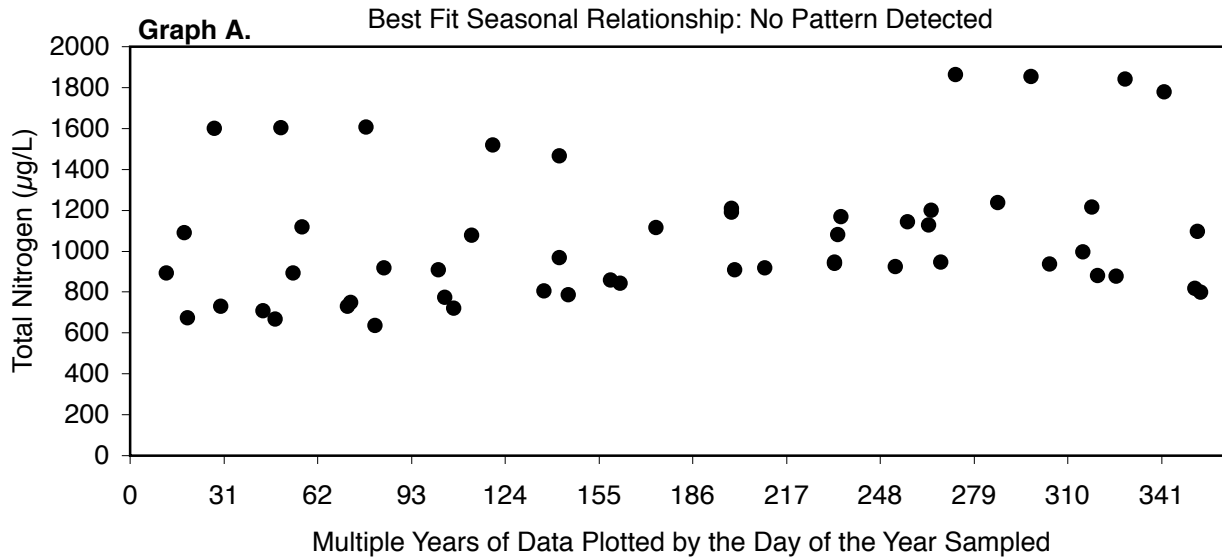
January starts at day 1
 February starts at day 32
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 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



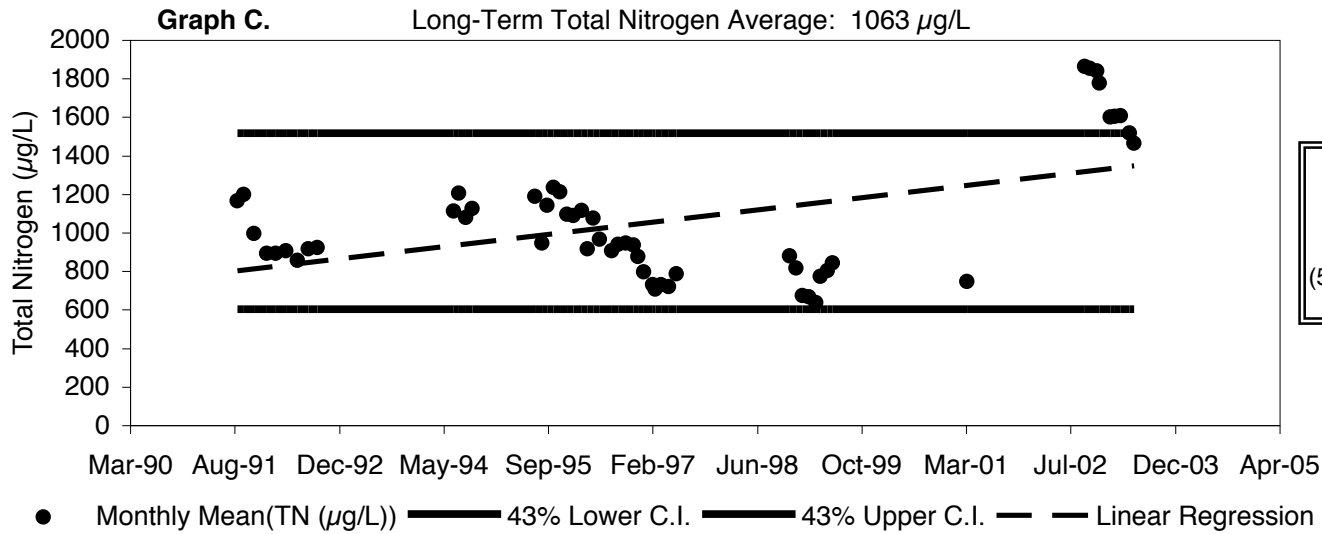
Regression Statistics for Mean Total Phosphorus and Date
 Relationship: $y = 2.54x + (-1.3)$;
 RSQ = 0.37; P = <0.0001

● Monthly Mean(TP ($\mu\text{g/L}$)) — 48% Lower C.I. — 48% Upper C.I. - - Linear Regression

Florida LAKEWATCH Henderson / Citrus Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
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 December starts at day 336

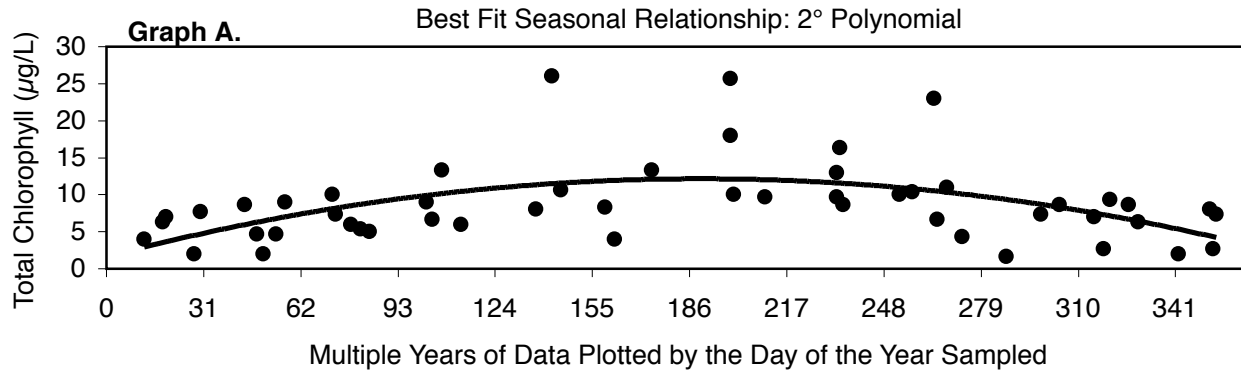


Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 46.17x + (573.45)$; $RSQ = 0.242$; $P < 0.0001$

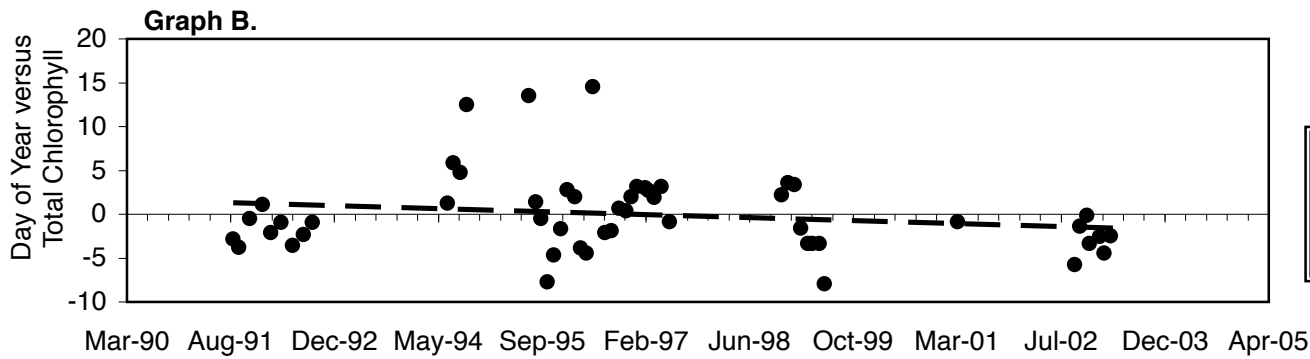
Florida LAKEWATCH

Henderson / Citrus

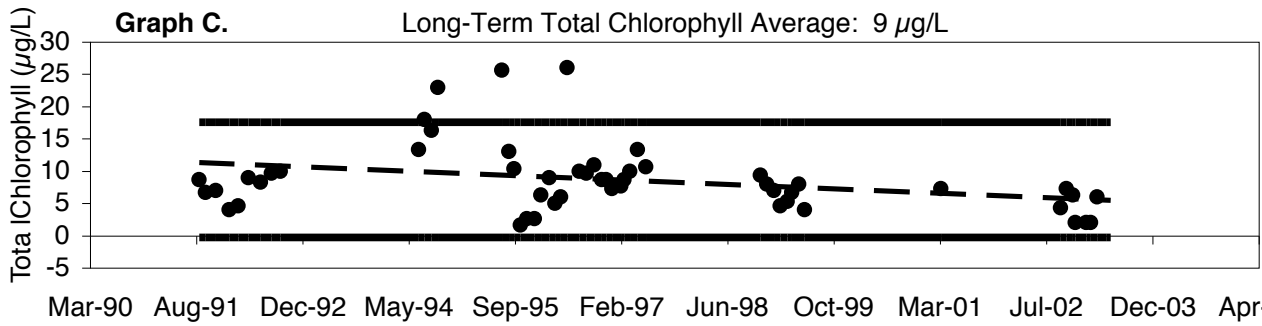
Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = -0.25x + (2.6)$; $RSQ = 0.033$; $P=0.1994$



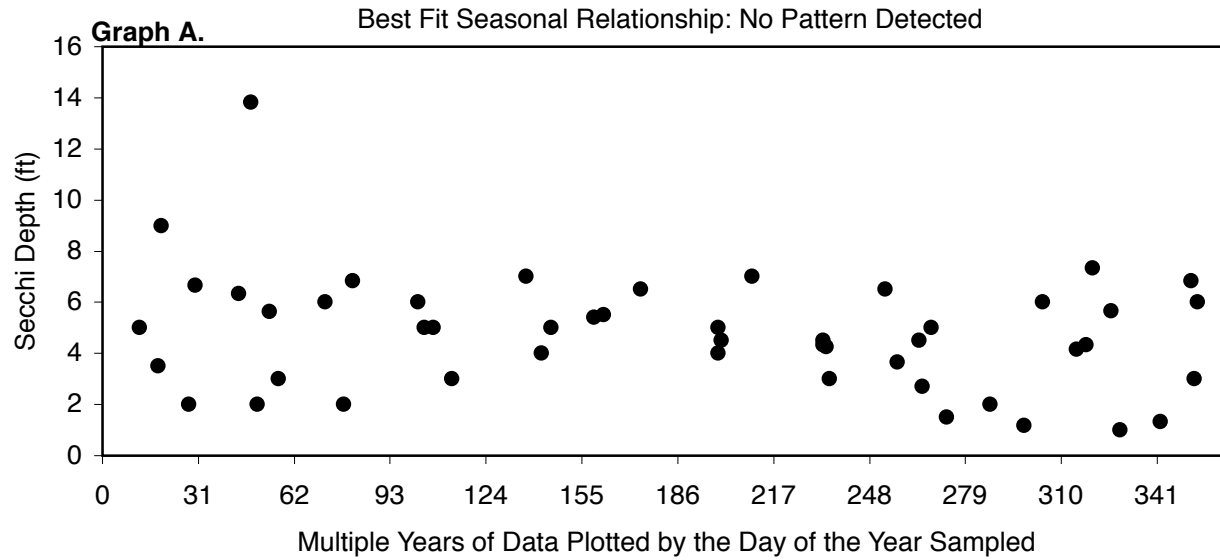
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = -0.5x + (13.82)$; $RSQ = 0.095$; $P=0.03$

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

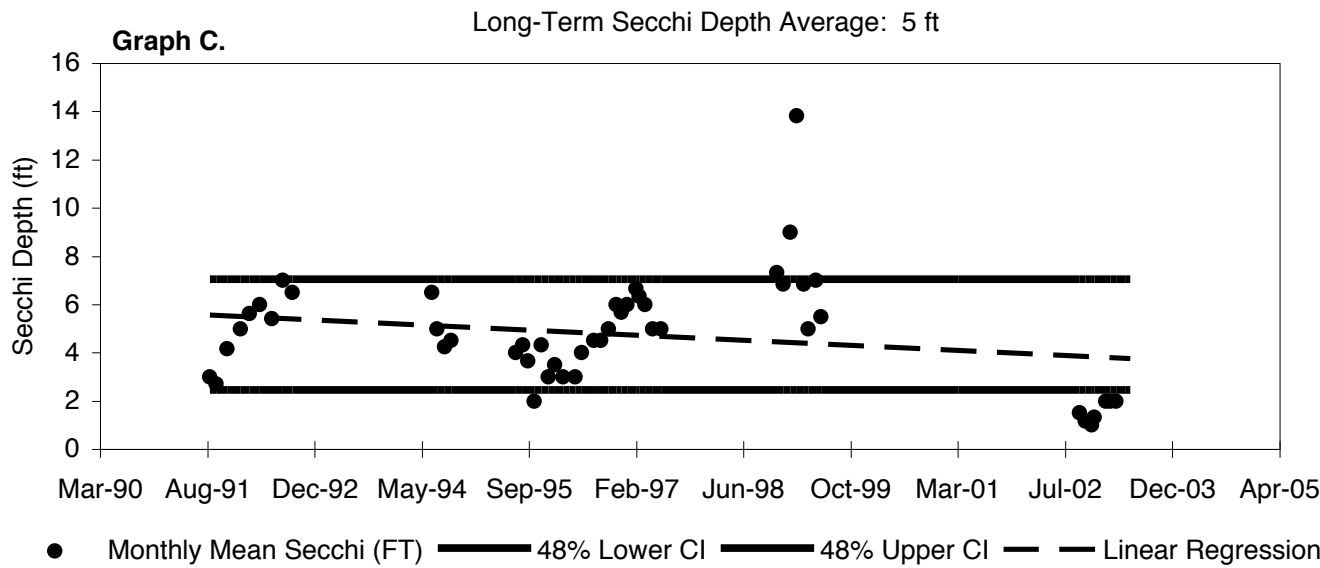
Florida LAKEWATCH

Henderson / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
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 November starts at day 306
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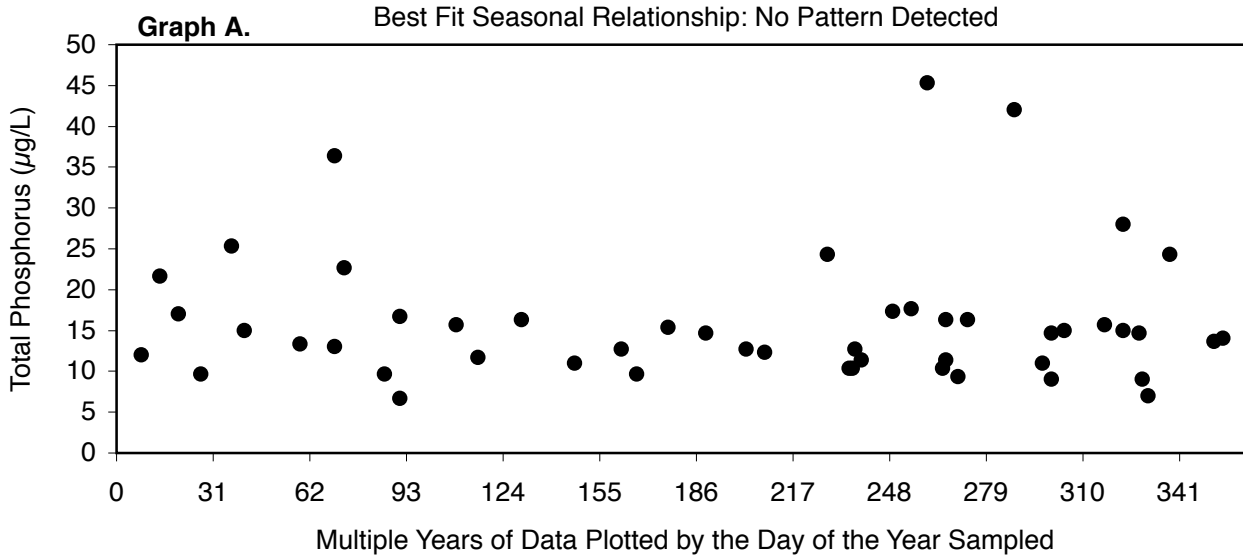


Regression Statistics for Mean Secchi Depth and Date
 Relationship: $y = -0.15x + 6.33$; $RSQ = 0.05$; $P = 0.123$

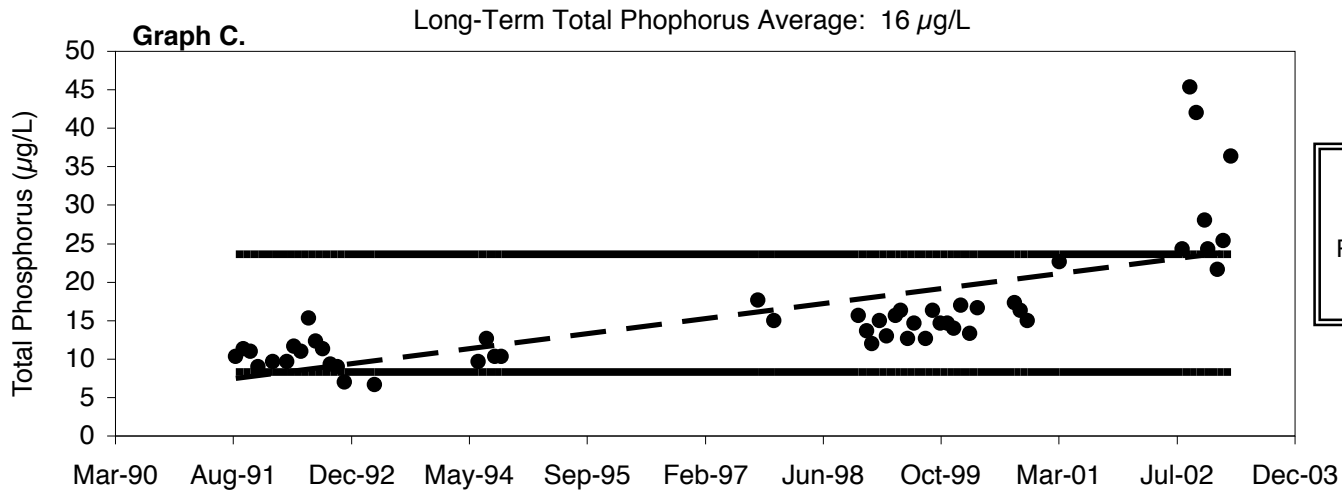
Florida LAKEWATCH

Hernando / Citrus

Total Phosphorus Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
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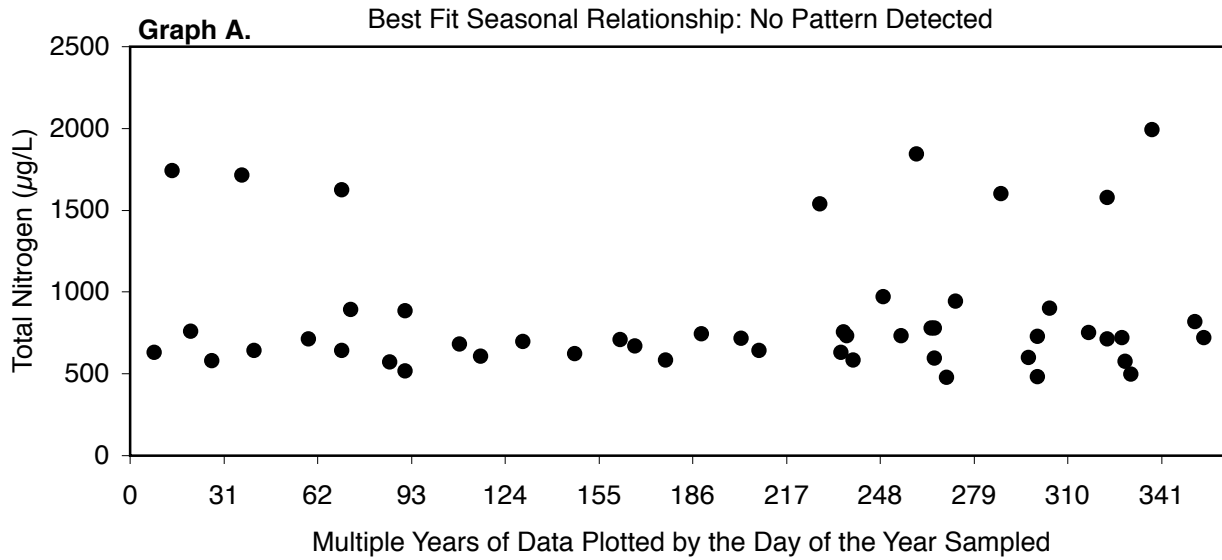
Regression Statistics for Mean Total Phosphorus and Date
 Relationship: $y = 1.42x + (0.38)$;
 RSQ = 0.51; P = <0.0001

● Monthly Mean(TP ($\mu\text{g/L}$)) — 48% Lower C.I. — 48% Upper C.I. - - Linear Regression

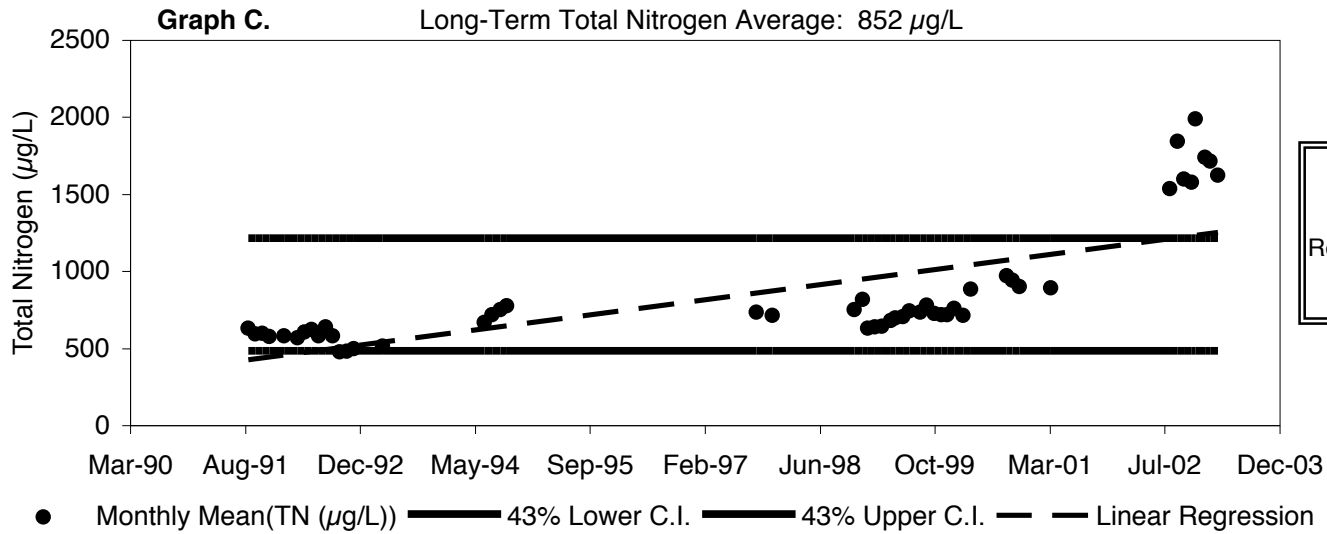
Florida LAKEWATCH

Hernando / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
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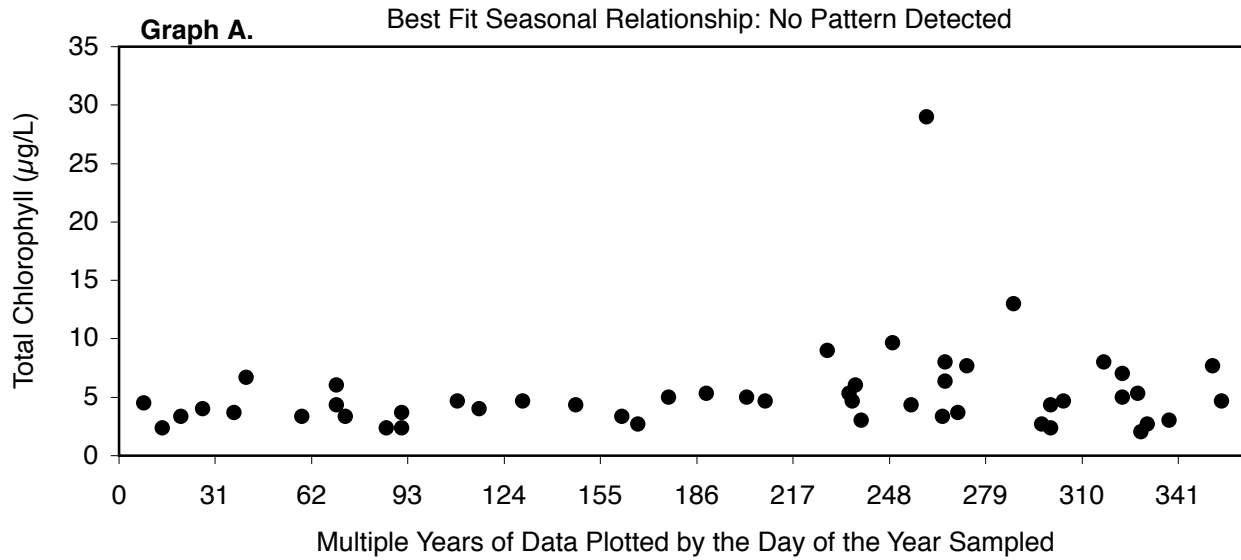
Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 71.79x + (65.55)$;
 RSQ = 0.53; $P < 0.0001$

● Monthly Mean(TN (µg/L)) ——— 43% Lower C.I. ——— 43% Upper C.I. - - - Linear Regression

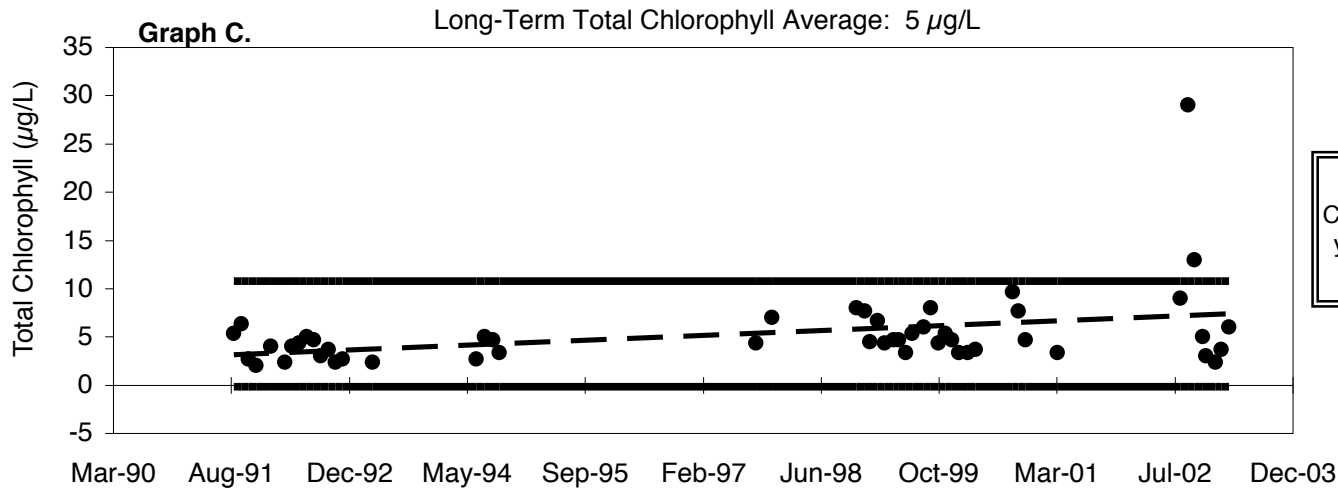
Florida LAKEWATCH

Hernando / Citrus

Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
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 July starts at day 183
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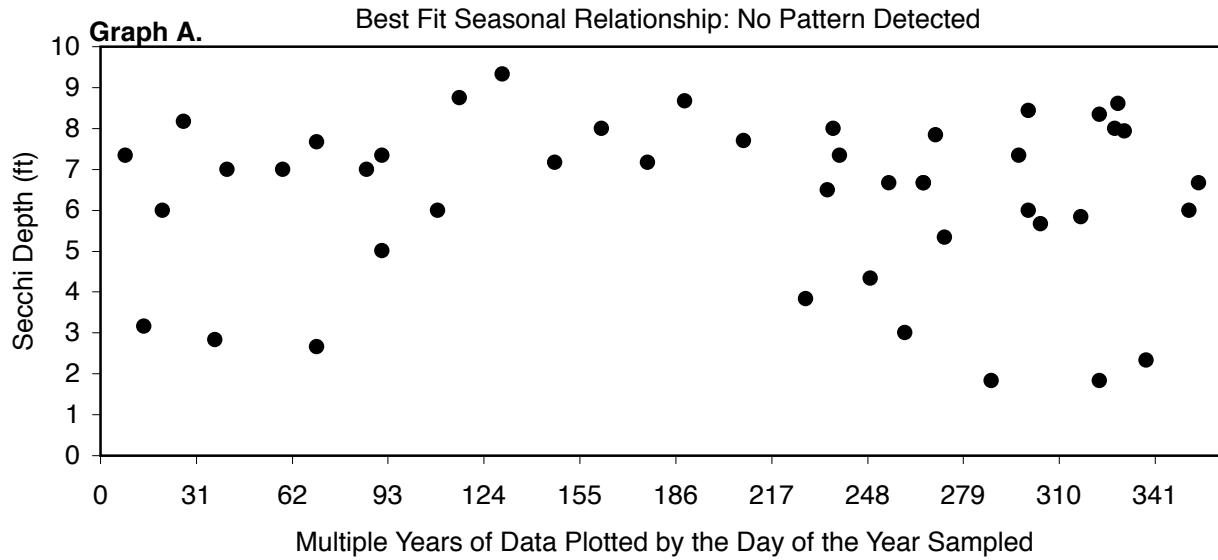
Regression Statistics for Mean Chlorophyll and Date Relationship:
 $y = 0.37x + (1.28)$; $RSQ = 0.133$;
 $P=0.01$

● Monthly Mean(CHLA (µg/L)) ——— 103% Lower C.I. ——— 103% Upper C.I. - - - Linear Regression

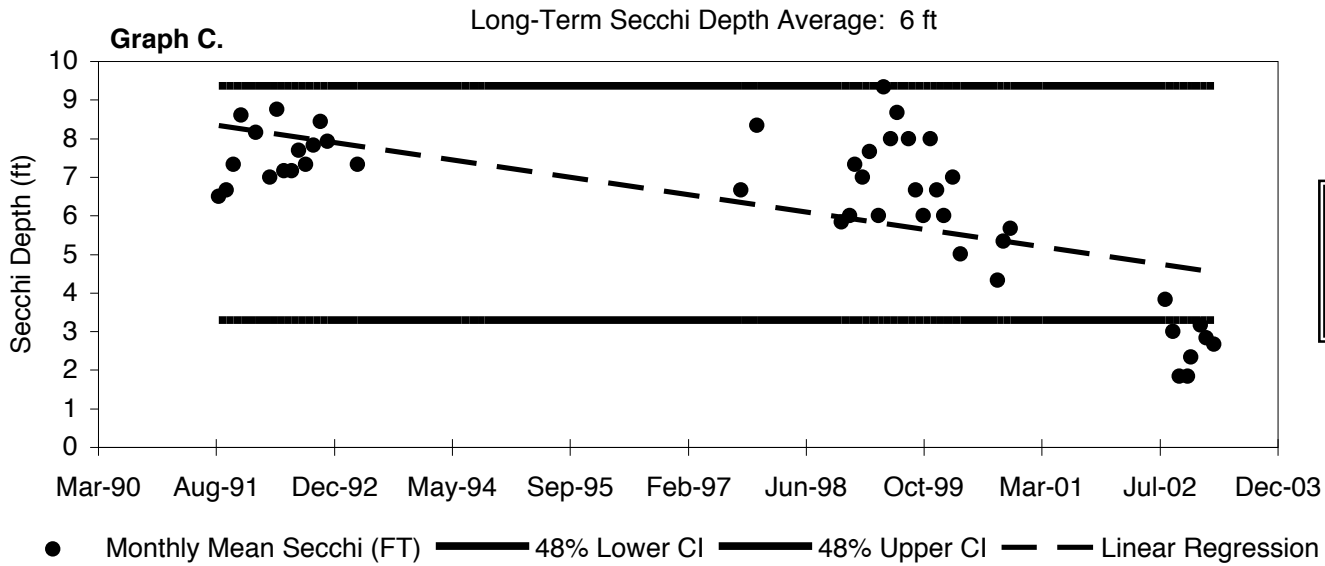
Florida LAKEWATCH

Hernando / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
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 November starts at day 306
 December starts at day 336

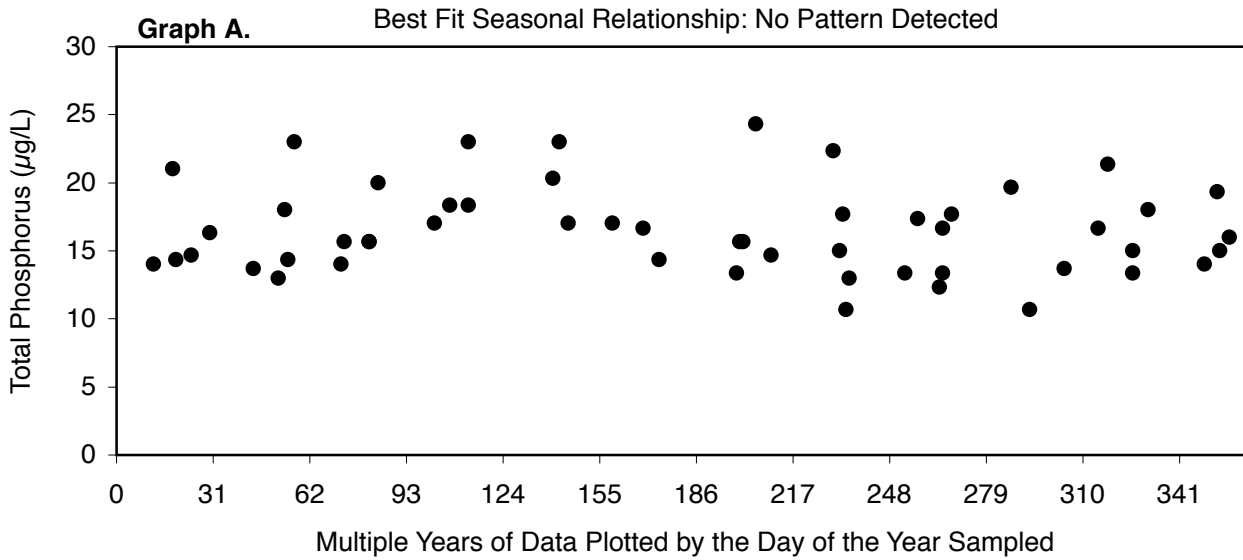


Regression Statistics for Mean Secchi Depth and Date
 Relationship: $y = -0.33x + (10)$;
 RSQ = 0.447; P = <0.0001

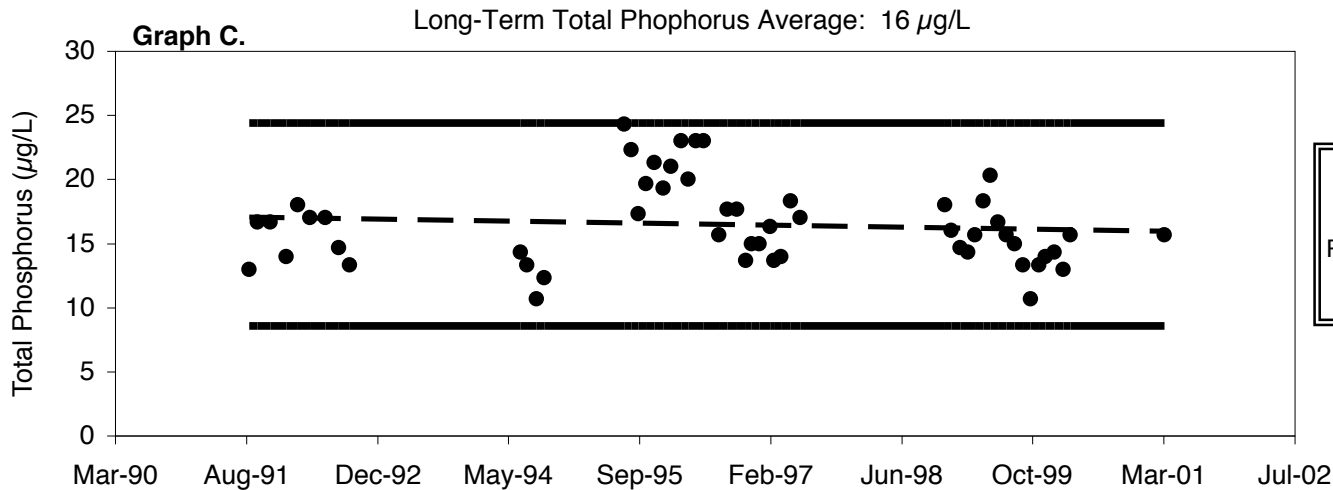
Florida LAKEWATCH

Little Henderson / Citrus

Total Phosphorus Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



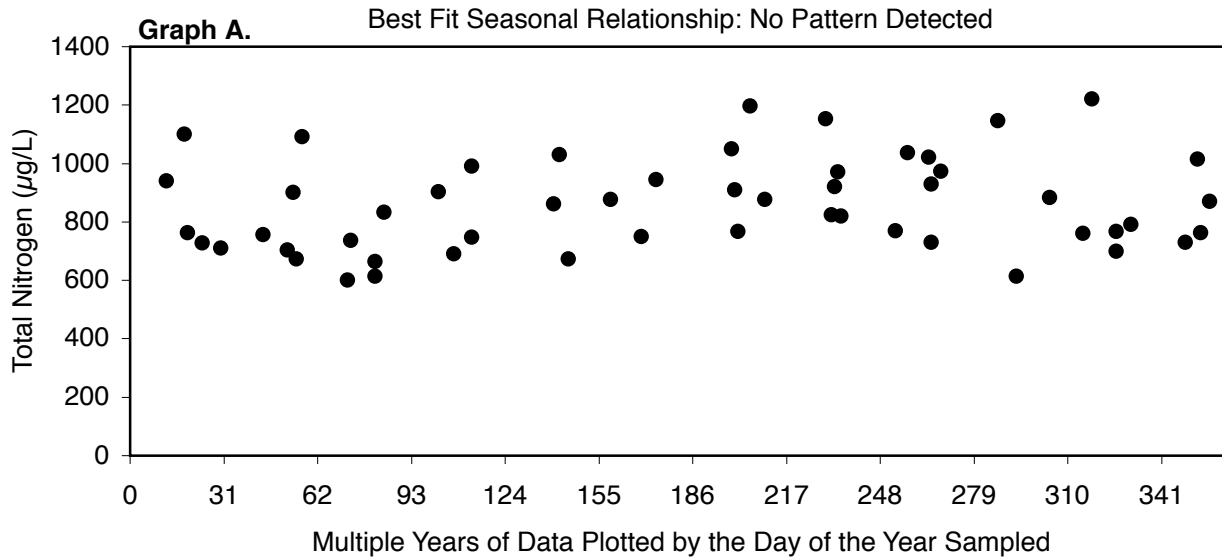
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = -0.12x + (17.66)$; RSQ = 0.01; P = 0.49

● Monthly Mean(TP (µg/L)) ——— 48% Lower C.I. ——— 48% Upper C.I. - - - Linear Regression

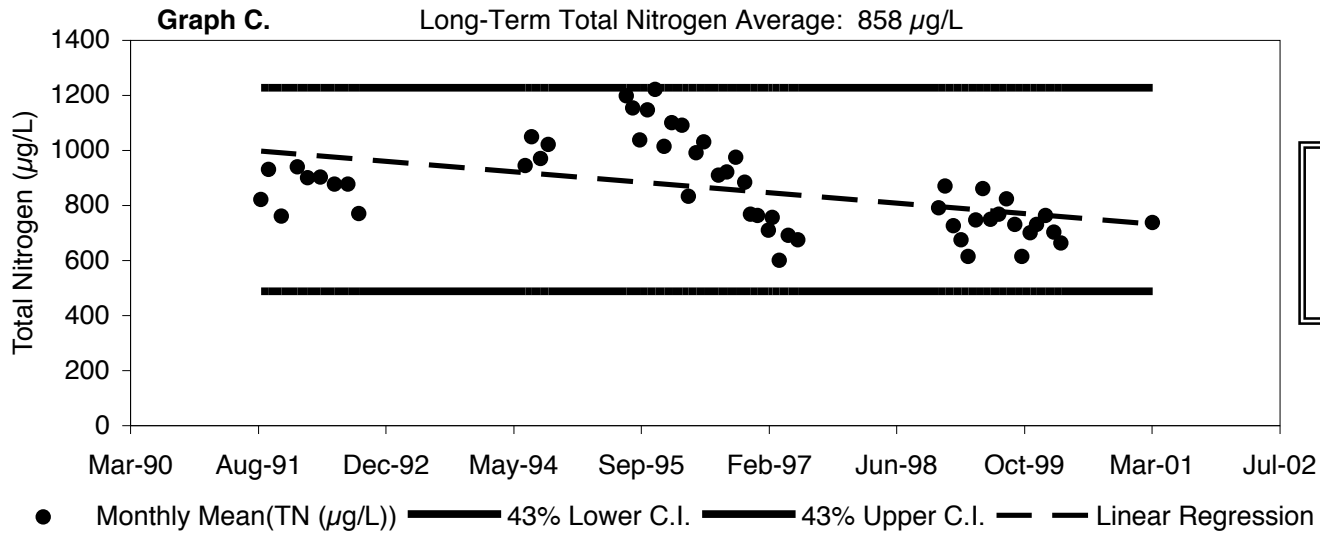
Florida LAKEWATCH

Little Henderson / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses

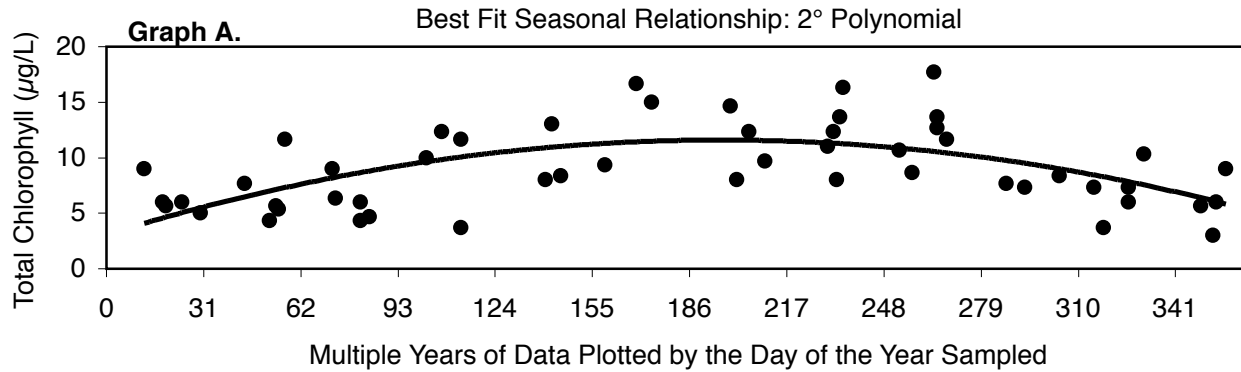


January starts at day 1
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 July starts at day 183
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 September starts at day 245
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 November starts at day 306
 December starts at day 336

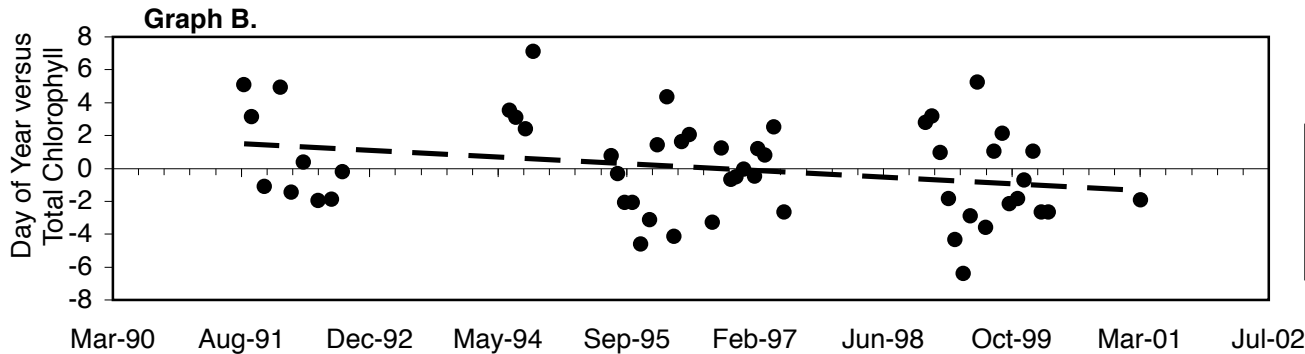


Regression Statistics for Mean
 Total Nitrogen and Date
 Relationship: $y = -27.9x + (1138.64)$; $RSQ = 0.224$;
 $P < 0.0001$

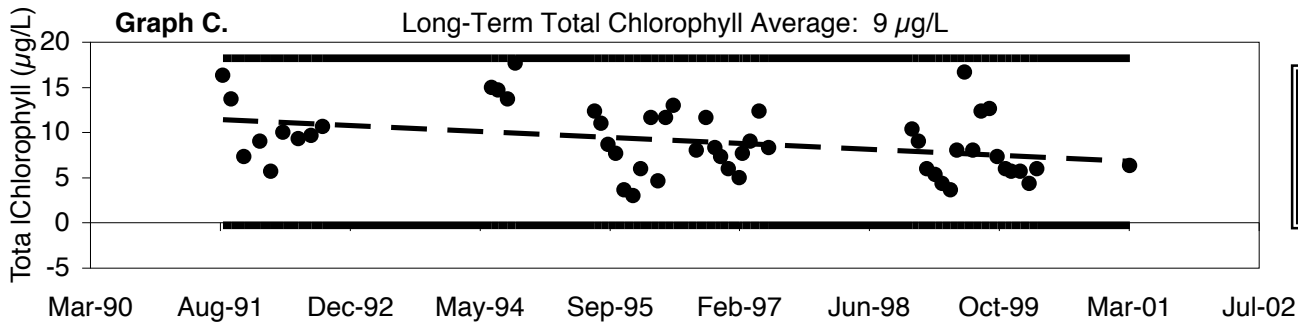
Florida LAKEWATCH Little Henderson / Citrus Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = -0.3x + (3.01)$; RSQ = 0.079; P=0.0439



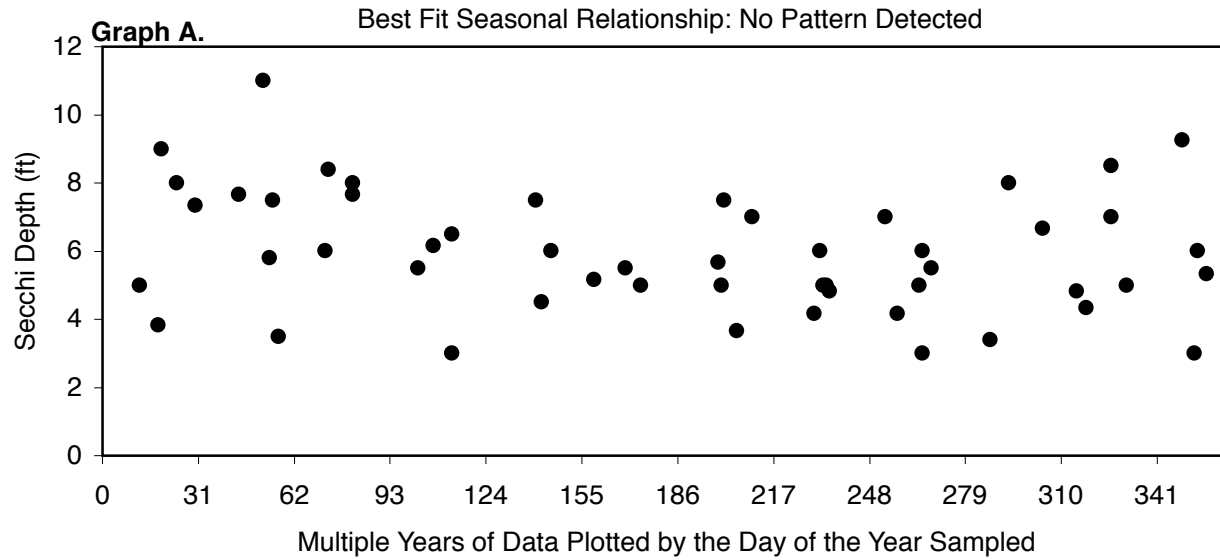
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = -0.48x + (13.8)$; RSQ = 0.126; P=0.01

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

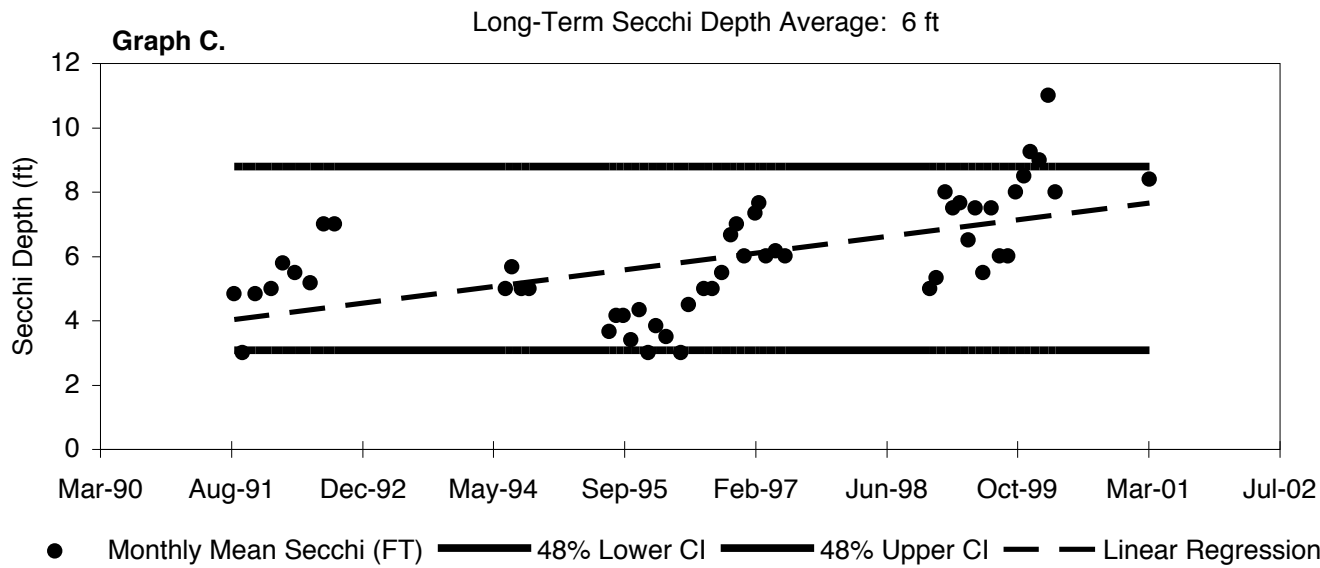
Florida LAKEWATCH

Little Henderson / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
February starts at day 32
March starts at day 61
April starts at day 92
May starts at day 122
June starts at day 152
July starts at day 183
August starts at day 214
September starts at day 245
October starts at day 275
November starts at day 306
December starts at day 336

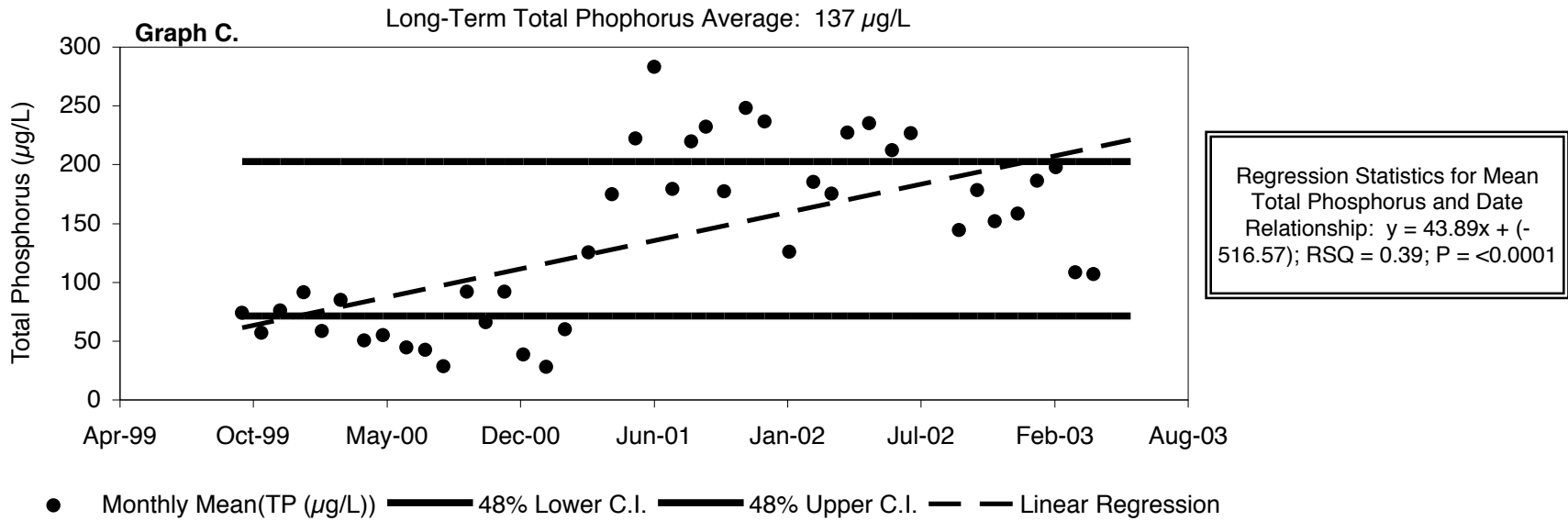
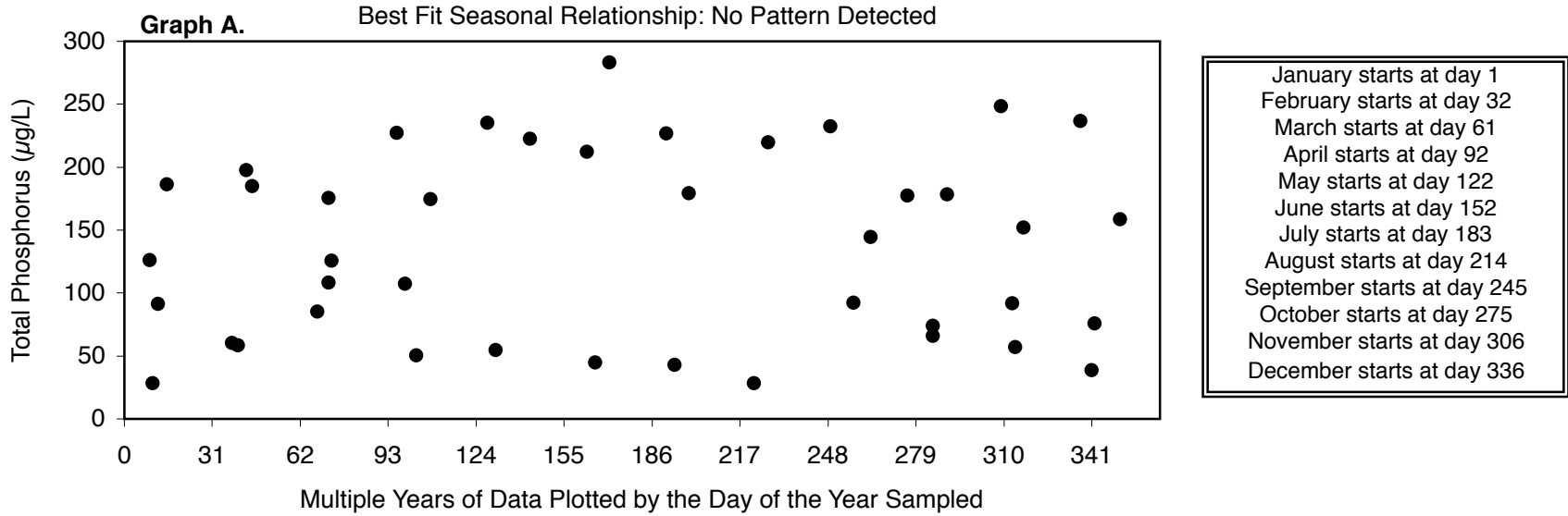


Regression Statistics for Mean Secchi Depth and Date
Relationship: $y = 0.38x + (2.13)$;
RSQ = 0.338; P = <0.0001

Florida LAKEWATCH

Park / Citrus

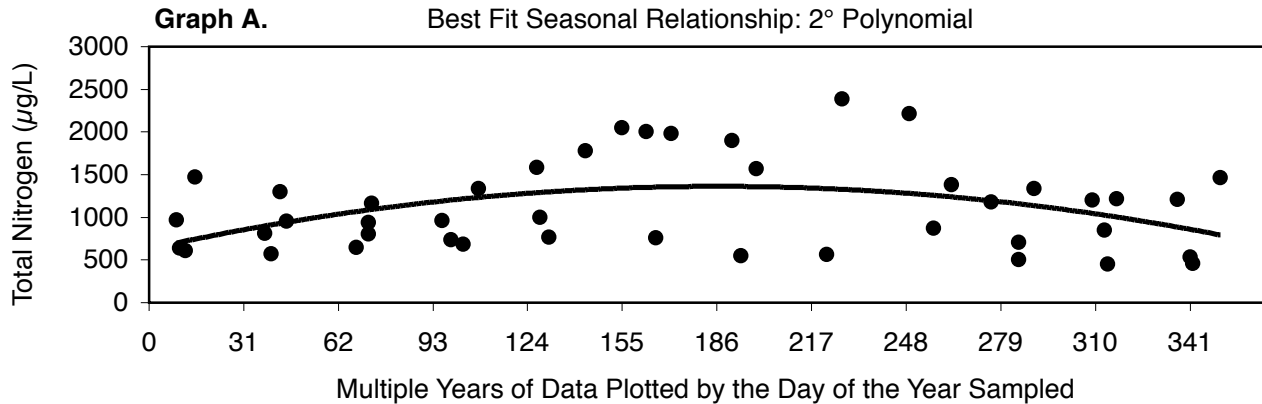
Total Phosphorus Seasonal and Long-Term Trend Analyses



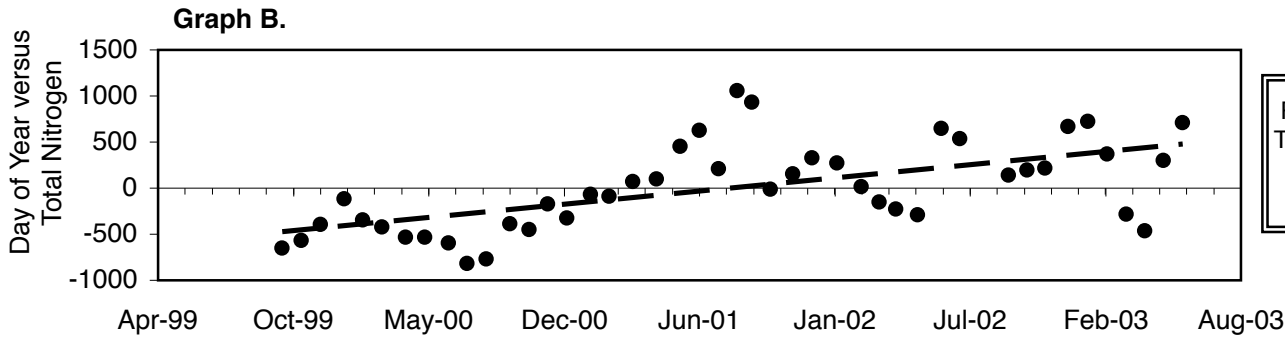
Florida LAKEWATCH

Park / Citrus

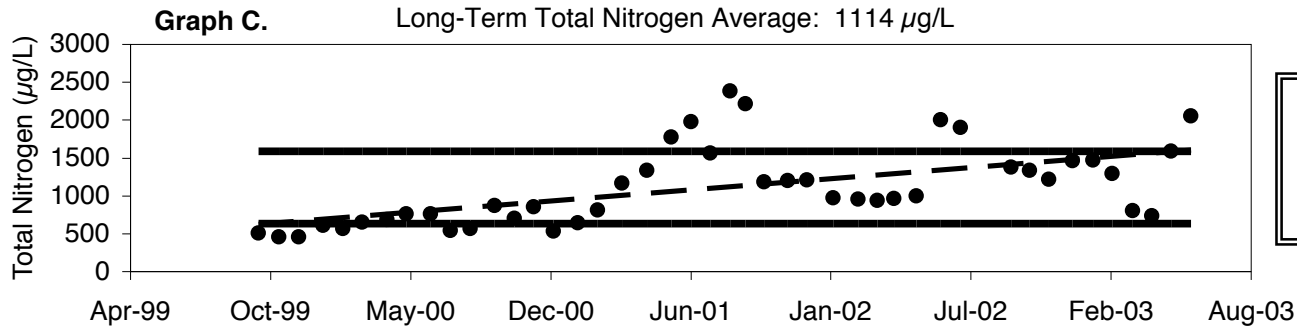
Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
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 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Residual Mean
 Total Phosphorus and Date Relationship:
 $y = 259.17123x + (-3881.16)$; $RSQ = 0.358$; $P = < 0.0001$



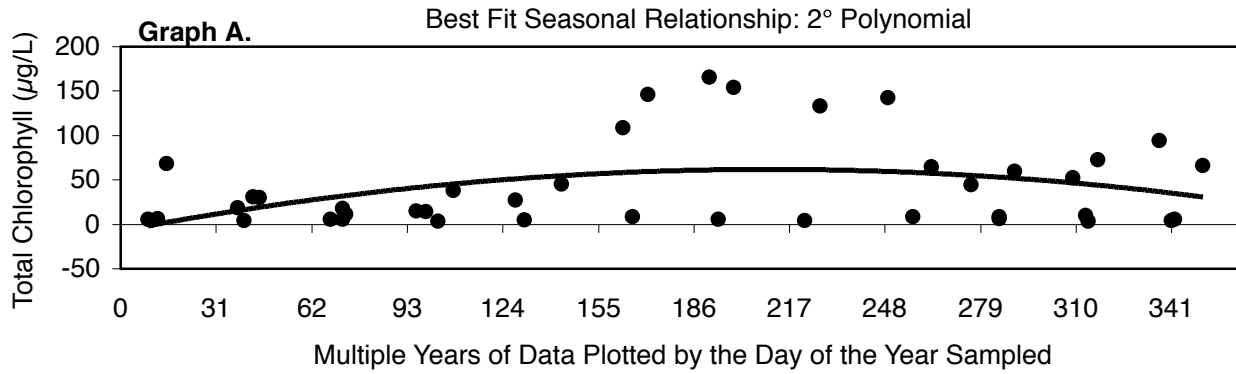
Regression Statistics for Mean
 Total Nitrogen and Date
 Relationship: $y = 269.68x + (-2924.85)$; $RSQ = 0.325$;
 $P = < 0.0001$

● Monthly Mean(TN (µg/L)) ——— 43% Upper C.I. ——— 43% Lower C.I. - - - Linear Regression

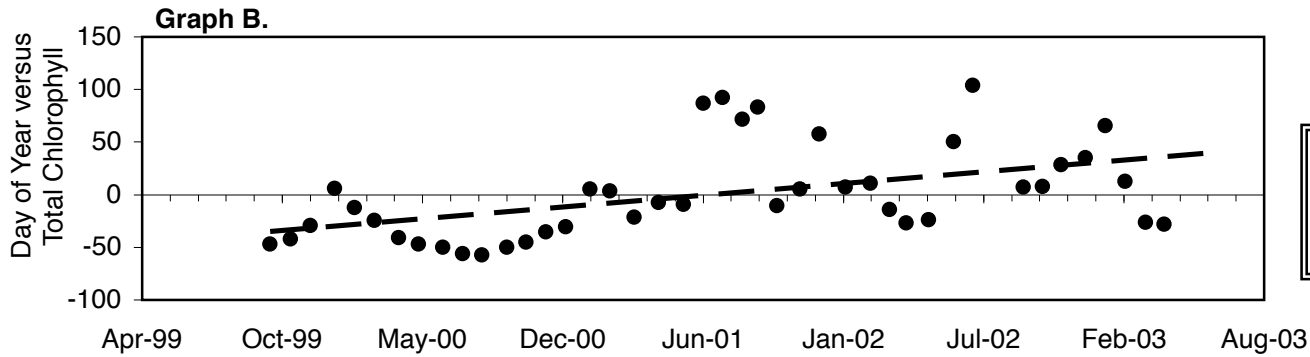
Florida LAKEWATCH

Park / Citrus

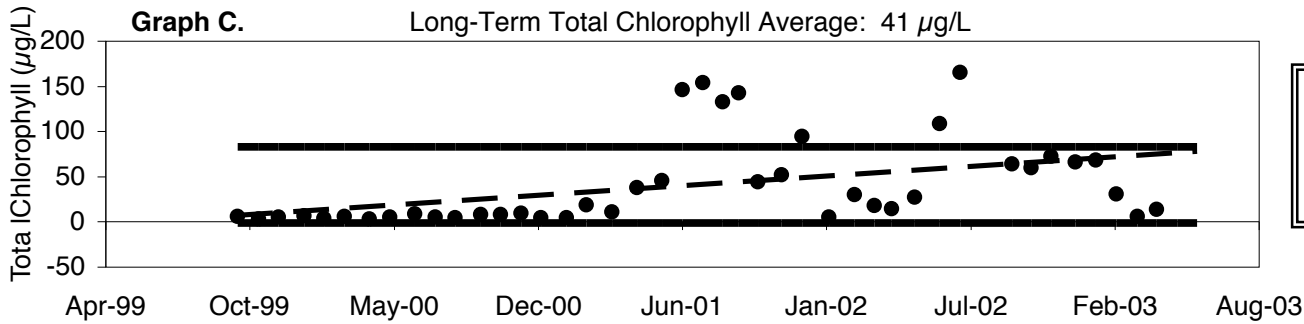
Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
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 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 20.32x + (-302.59)$; $RSQ = 0.231$; $P=0.0013$



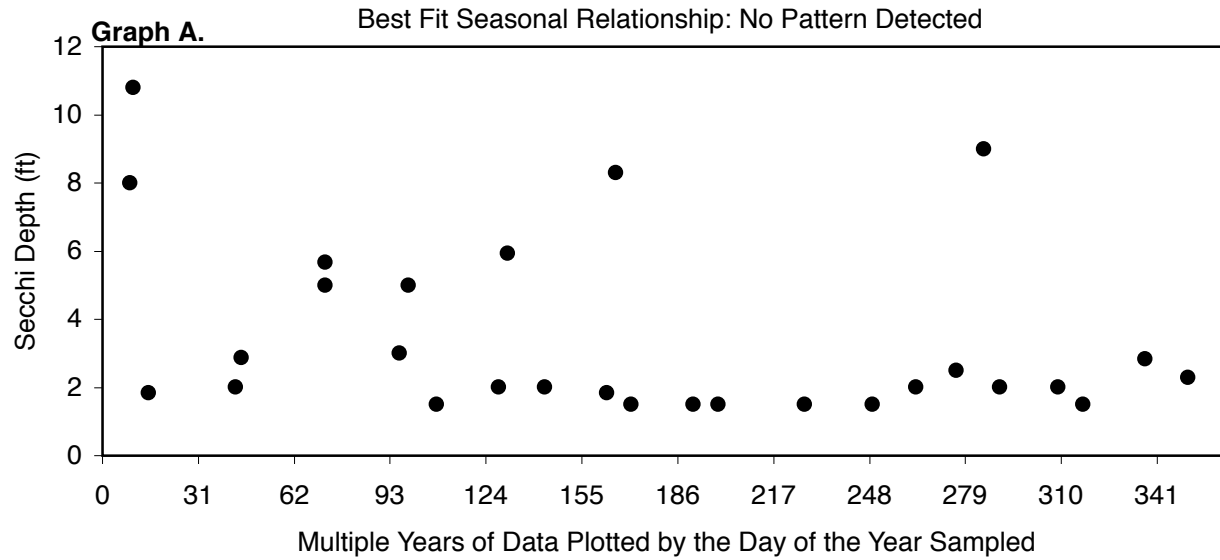
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = 19.29x + (-246.23)$; $RSQ = 0.176$; $P=0.01$

● Monthly Mean(CHLA (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

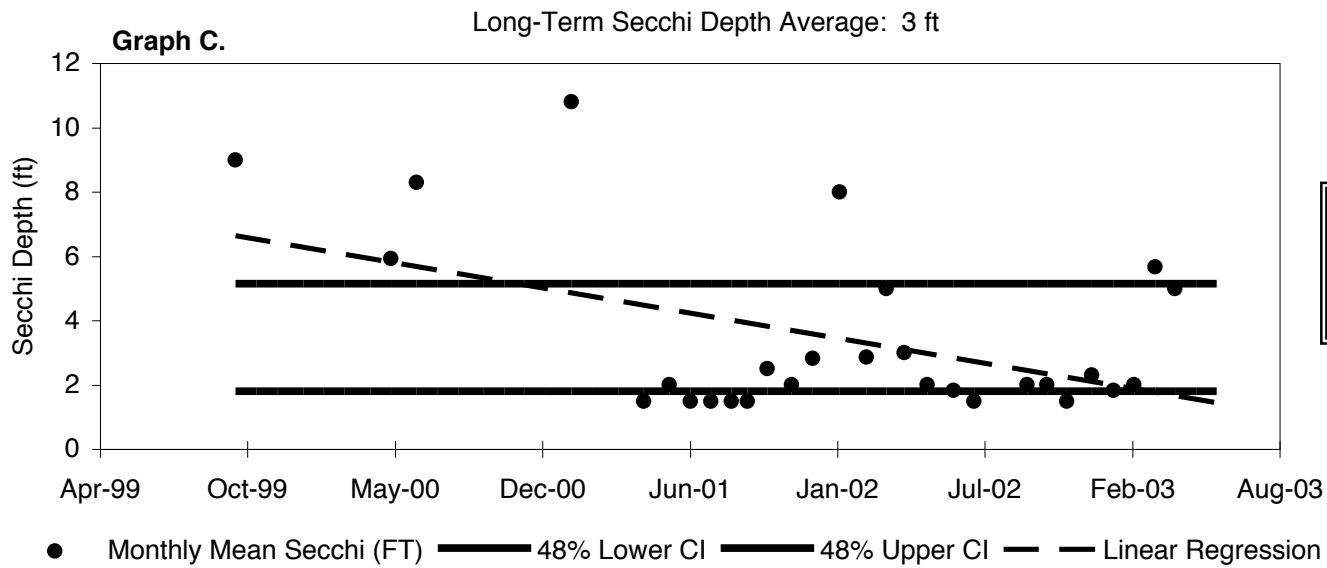
Florida LAKEWATCH

Park / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



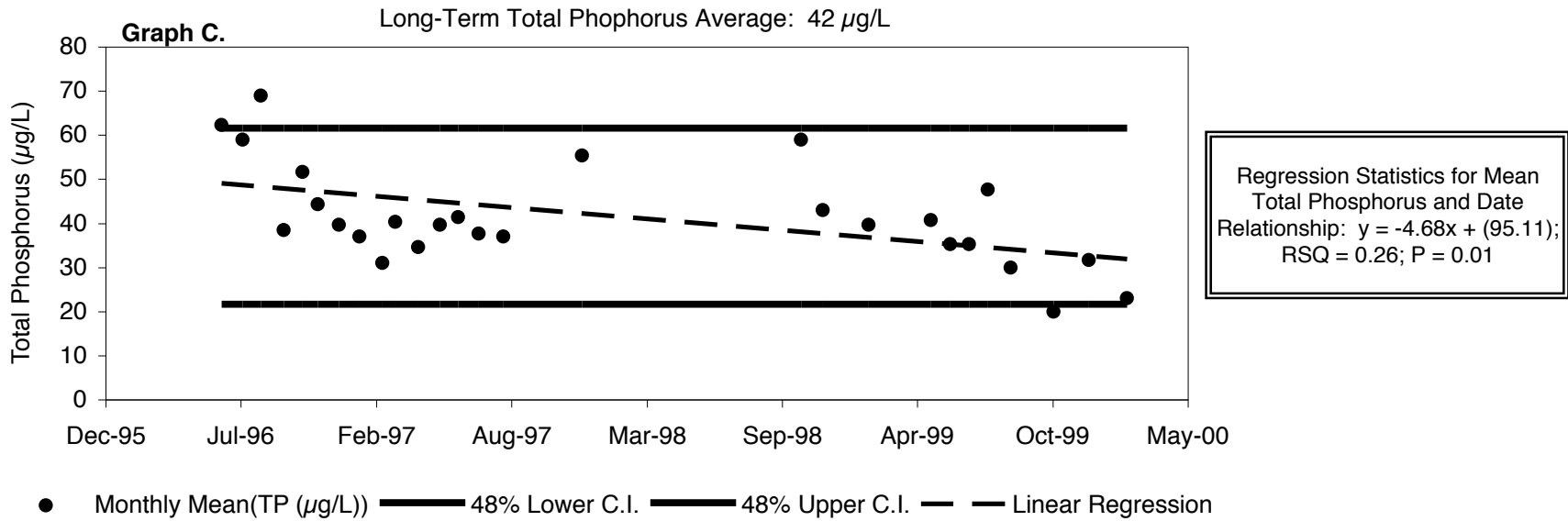
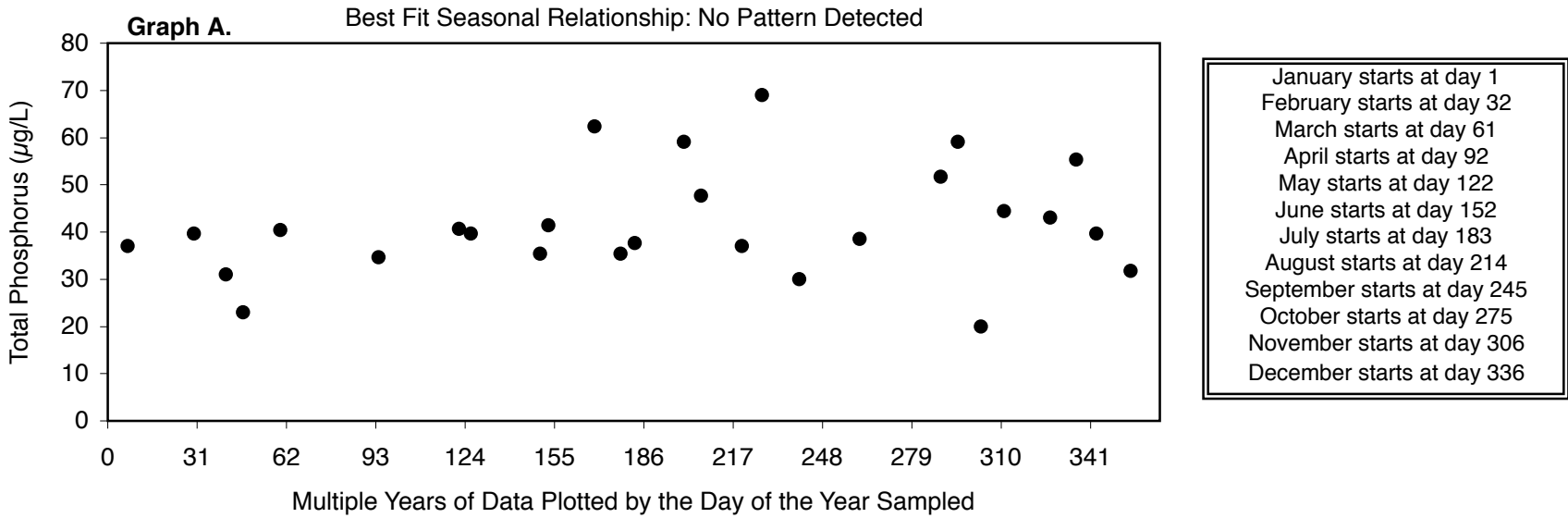
January starts at day 1
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Florida LAKEWATCH

Rousseau / Citrus

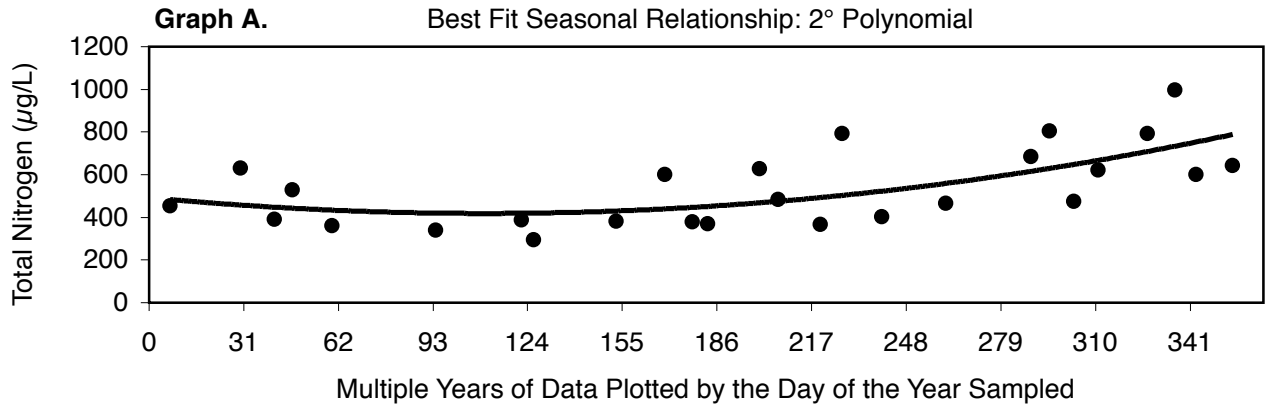
Total Phosphorus Seasonal and Long-Term Trend Analyses



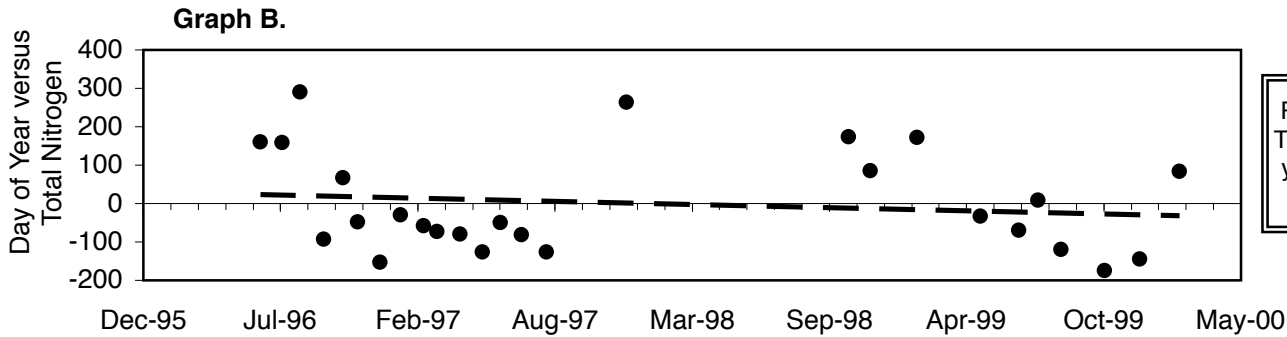
Florida LAKEWATCH

Rousseau / Citrus

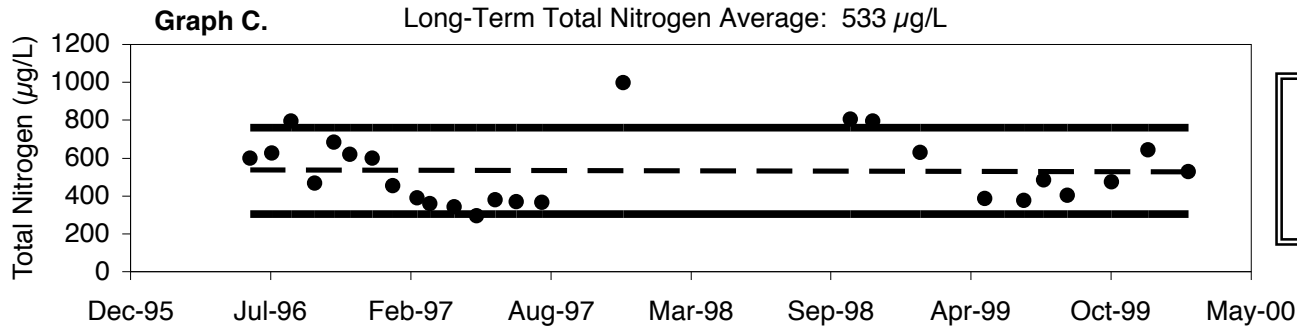
Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
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 May starts at day 122
 June starts at day 152
 July starts at day 183
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 November starts at day 306
 December starts at day 336



Regression Statistics for Residual Mean Total Phosphorus and Date Relationship:
 $y = -14.99358x + (170.69)$; $RSQ = 0.02$;
 $P=0.4908$



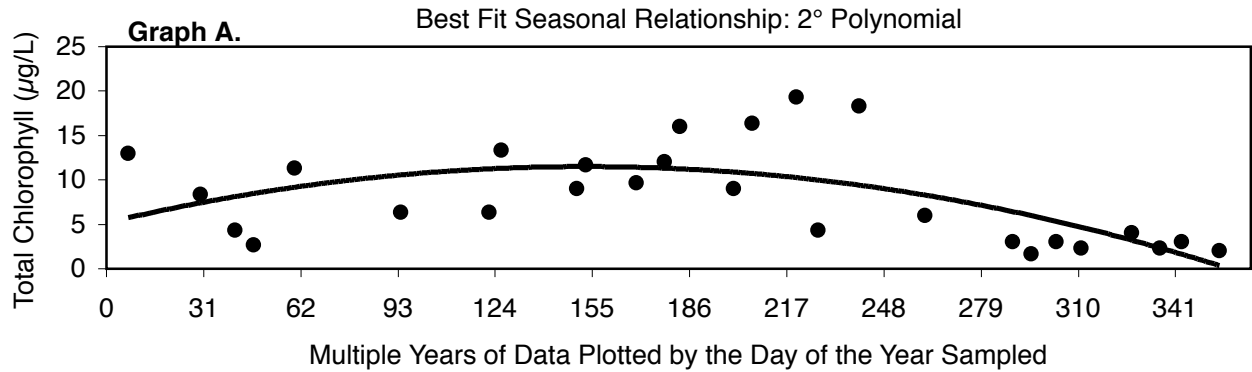
Regression Statistics for Mean Total Nitrogen and Date Relationship:
 $y = -2.12x + (557.15)$; $RSQ = 0$; $P=0.94$

● Monthly Mean(TN ($\mu\text{g/L}$)) ——— 43% Upper C.I. ——— 43% Lower C.I. - - - Linear Regression

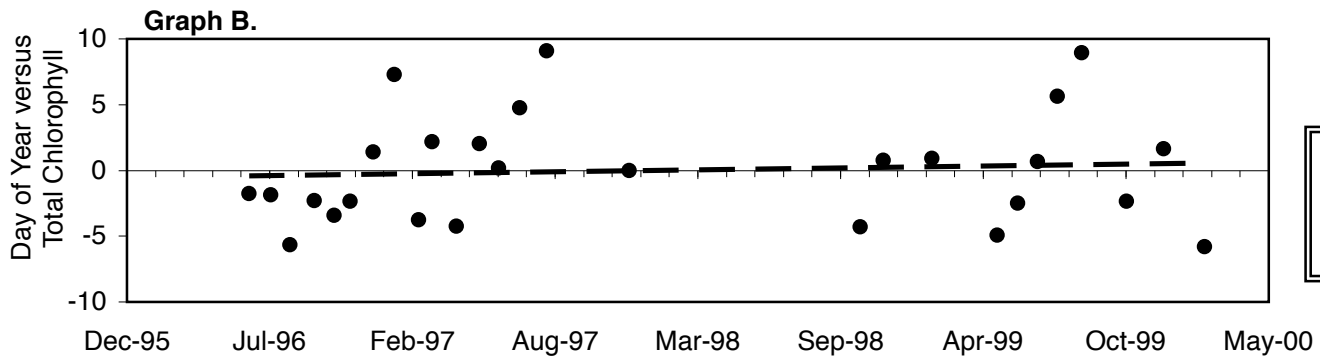
Florida LAKEWATCH

Rousseau / Citrus

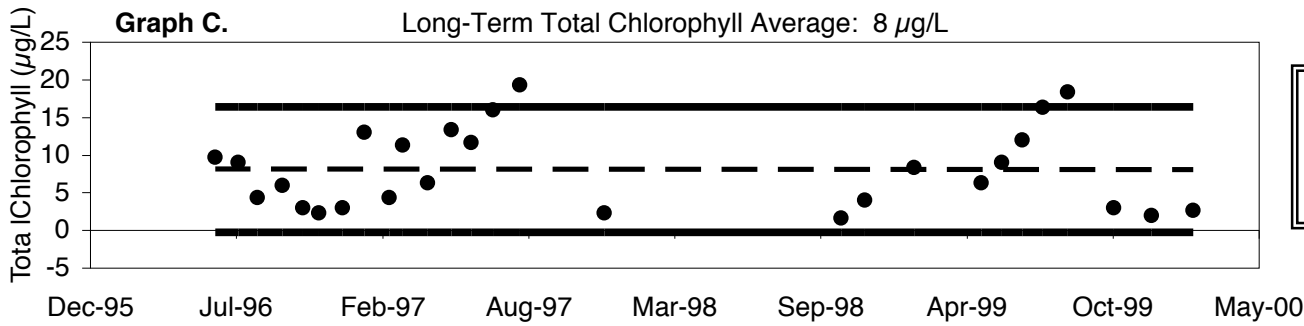
Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
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 May starts at day 122
 June starts at day 152
 July starts at day 183
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 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 0.27x + (-3.05)$; $RSQ = 0.006$; $P=0.6929$



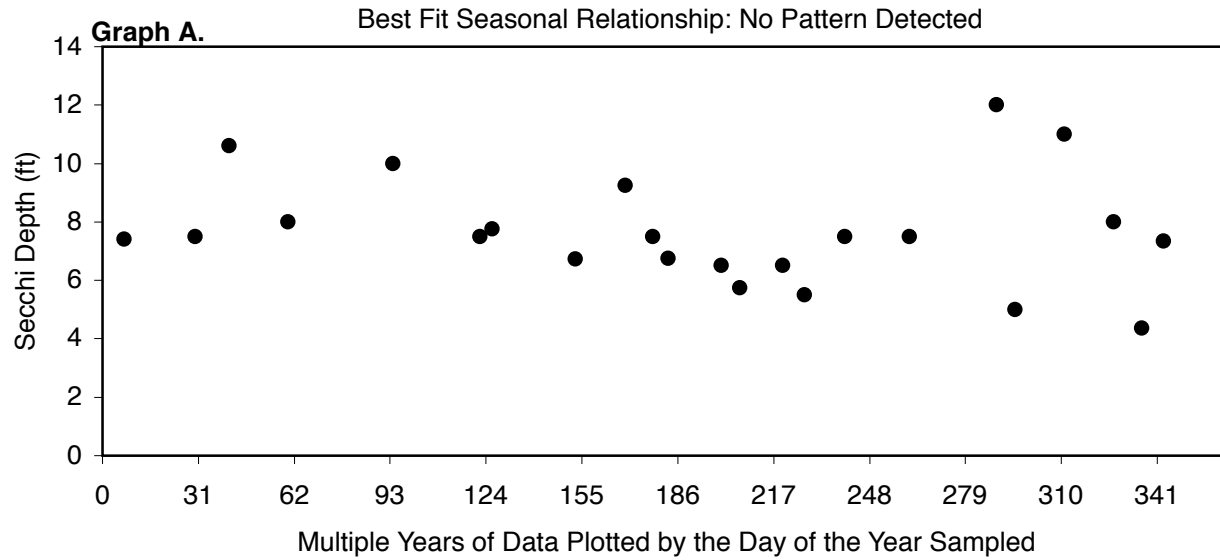
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = -0.02x + (8.34)$; $RSQ = 0$; $P=0.98$

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

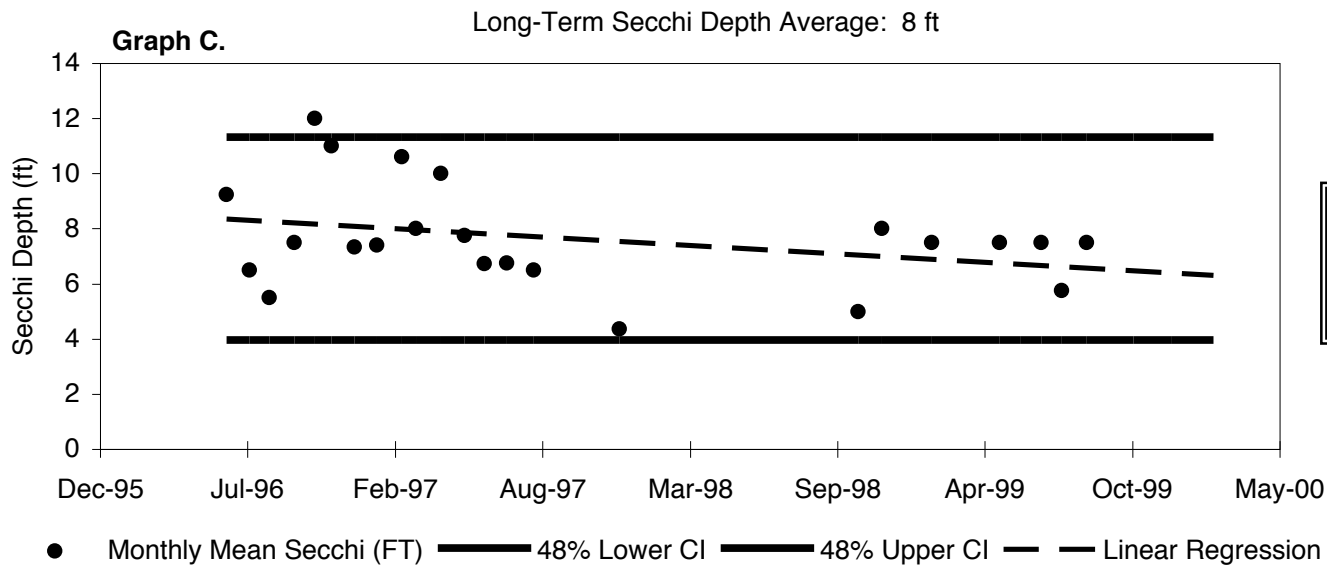
Florida LAKEWATCH

Rousseau / Citrus

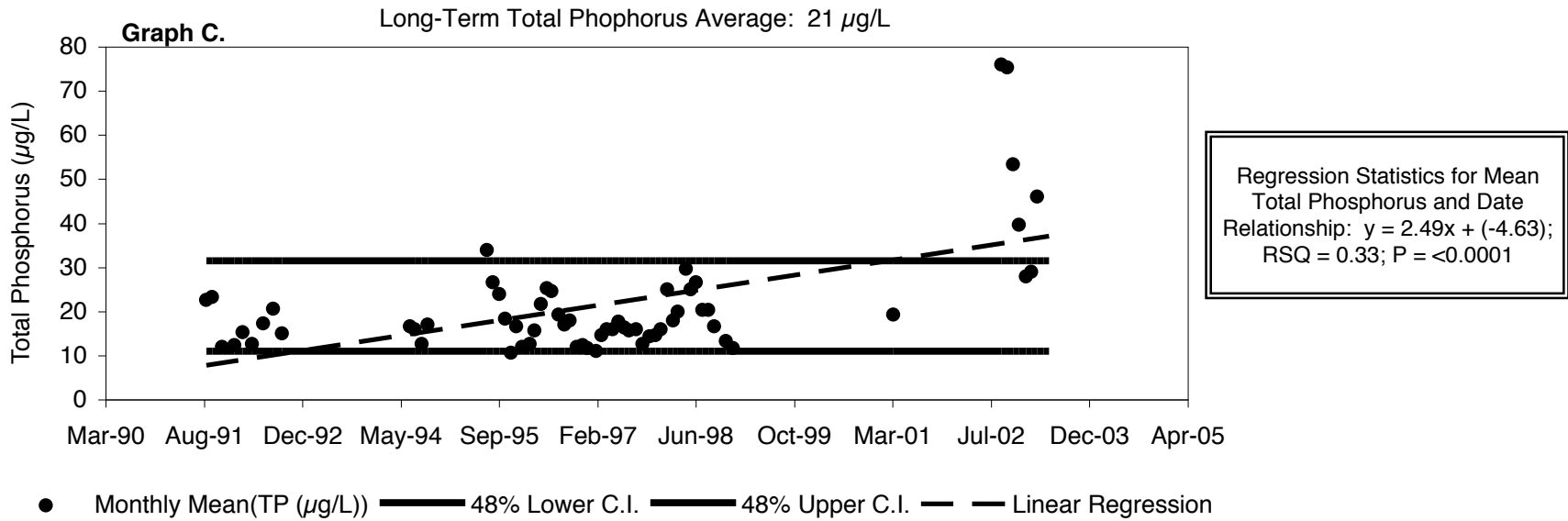
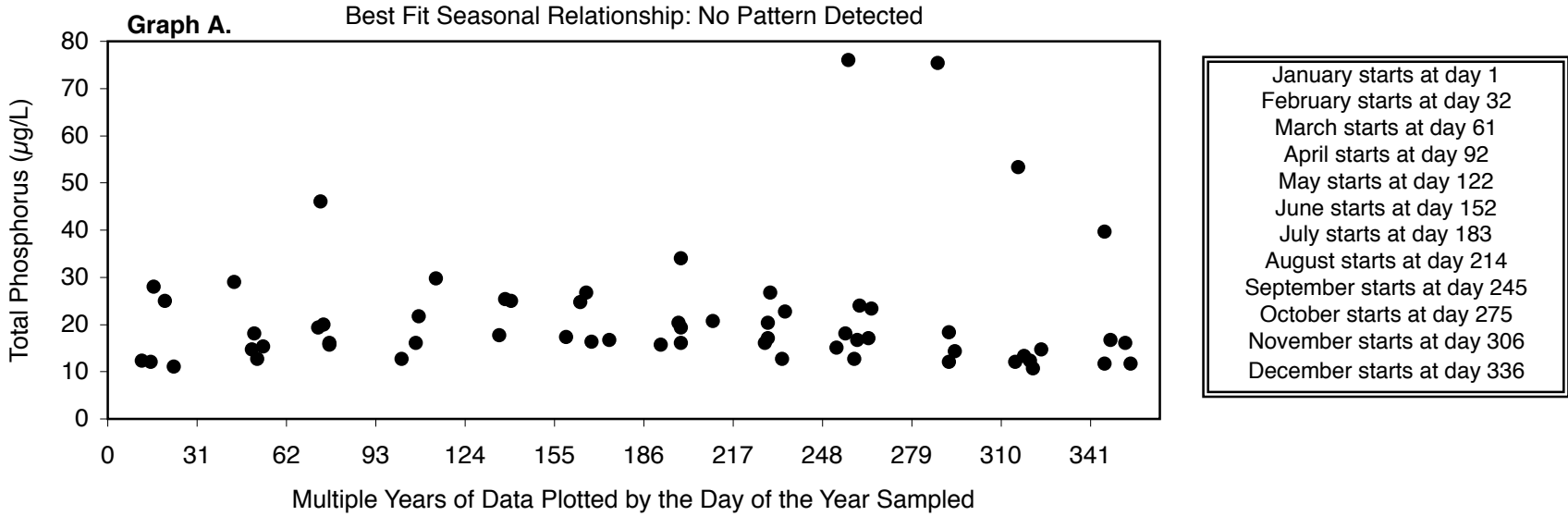
Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



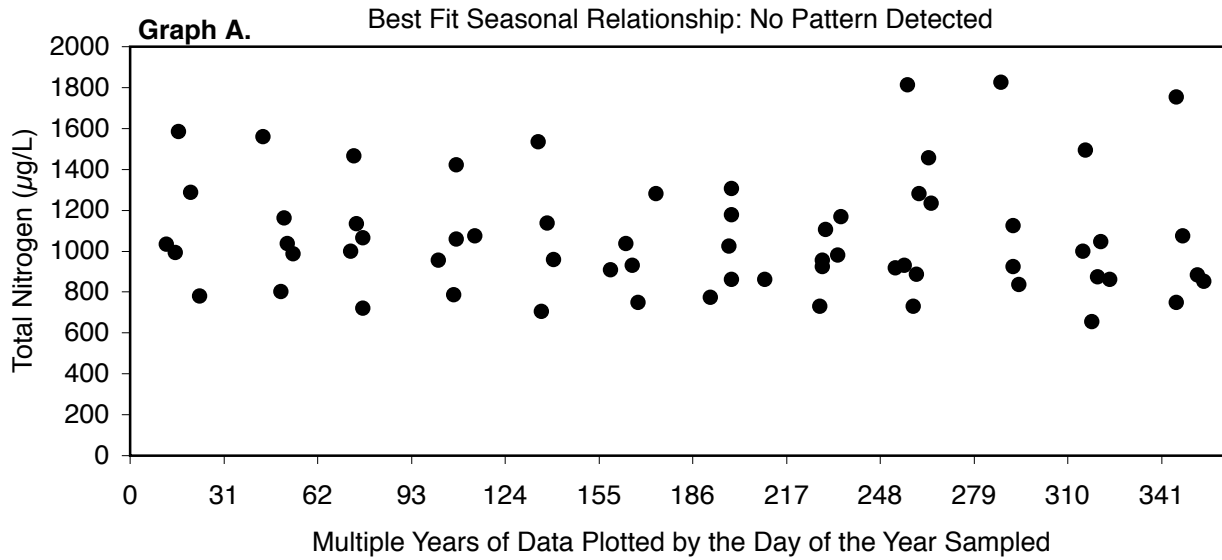
Florida LAKEWATCH Spivey / Citrus Total Phosphorus Seasonal and Long-Term Trend Analyses



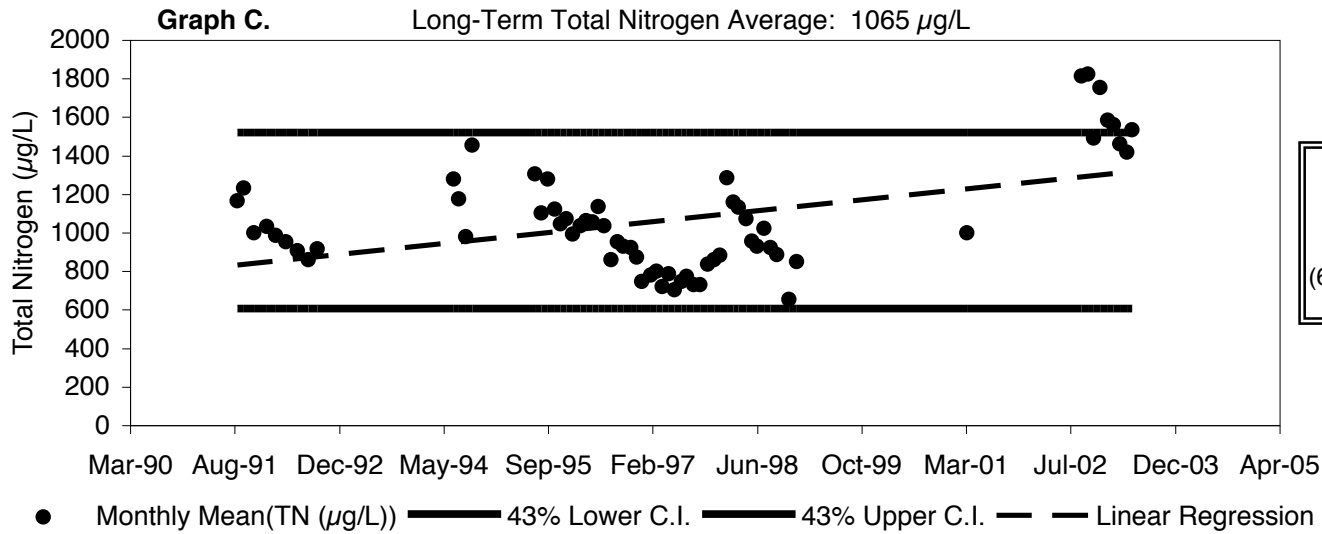
Florida LAKEWATCH

Spivey / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses

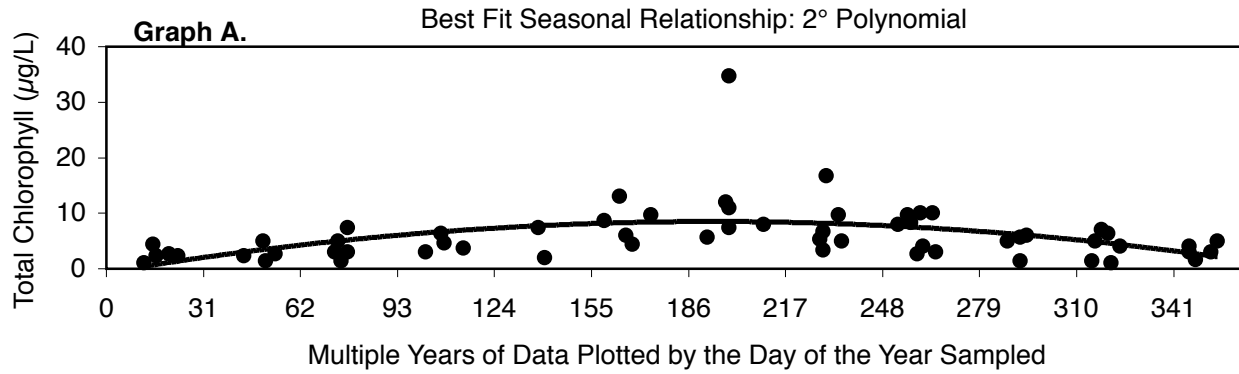


January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336

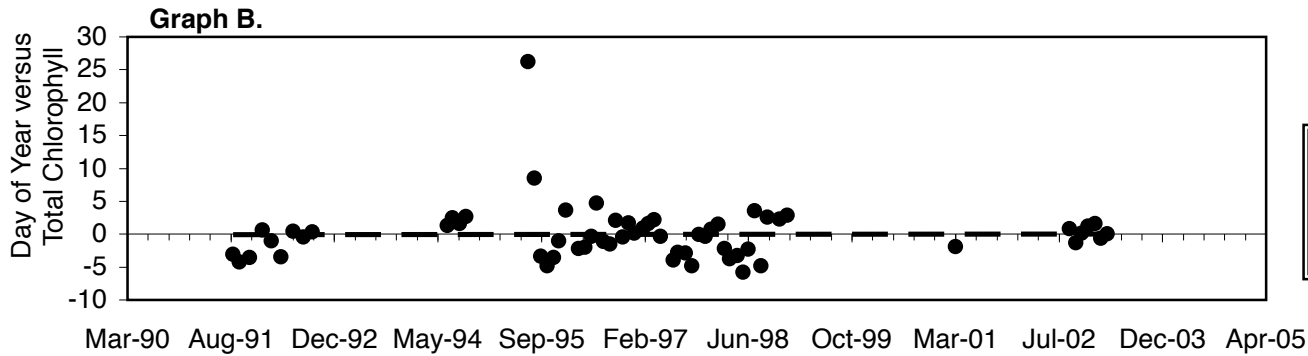


Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 41.53x + (624.68)$; $RSQ = 0.218$; $P < 0.0001$

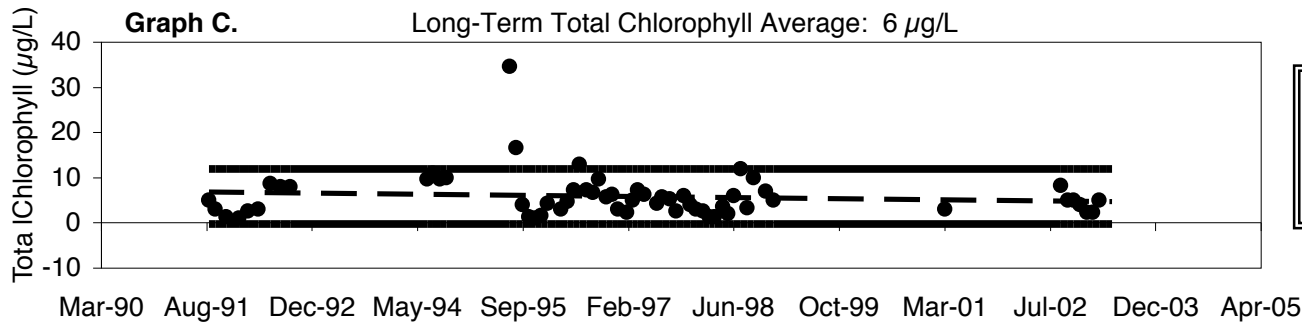
Florida LAKEWATCH Spivey / Citrus Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
February starts at day 32
March starts at day 61
April starts at day 92
May starts at day 122
June starts at day 152
July starts at day 183
August starts at day 214
September starts at day 245
October starts at day 275
November starts at day 306
December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 0.01x + (-0.06)$; RSQ = 0; P=0.9772



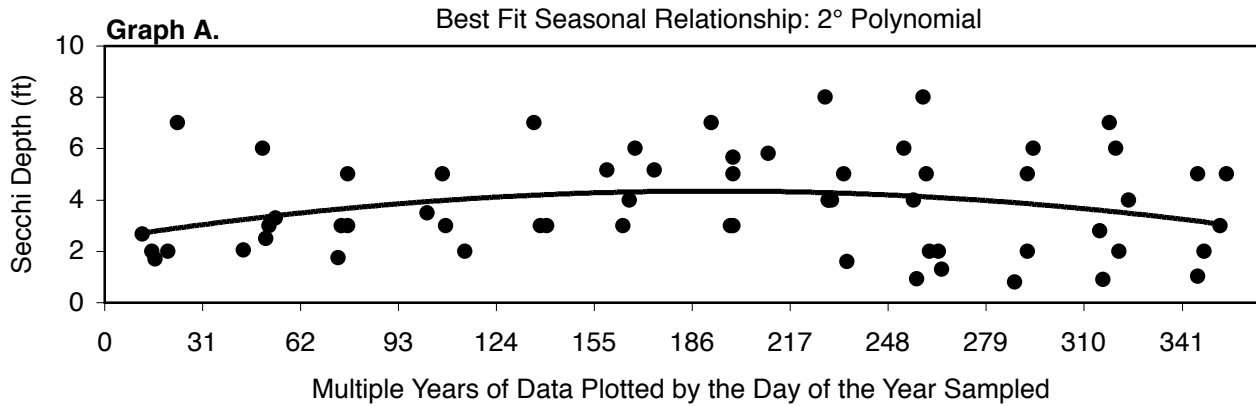
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = -0.19x + (7.82)$; RSQ = 0.013; P=0.39

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

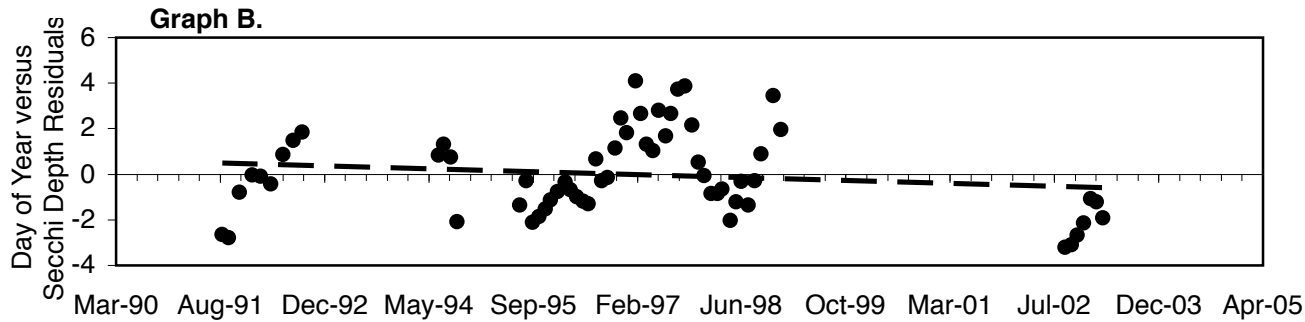
Florida LAKEWATCH

Spivey / Citrus

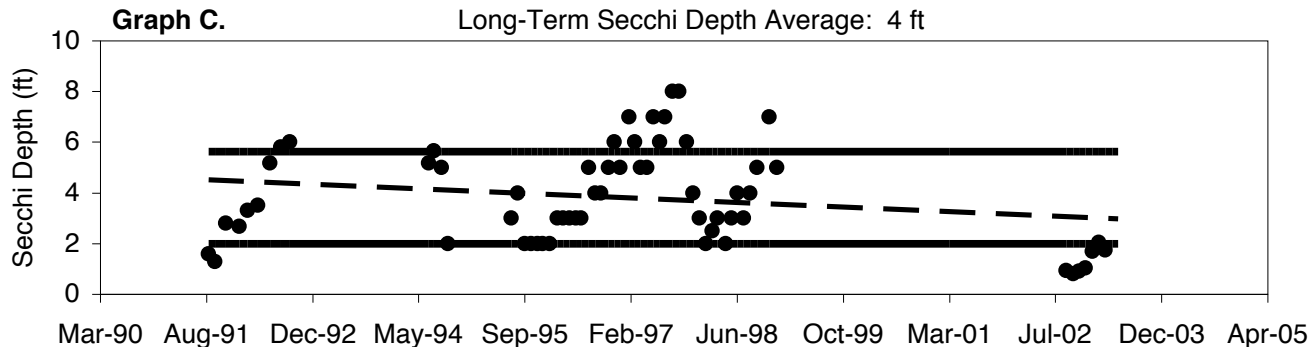
Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
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 March starts at day 61
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 May starts at day 122
 June starts at day 152
 July starts at day 183
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 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Residual
 Mean Secchi Depth and Date
 Relationship: $y = -0.09x + (0.96)$;
 RSQ = 0.022; P = 0.2488



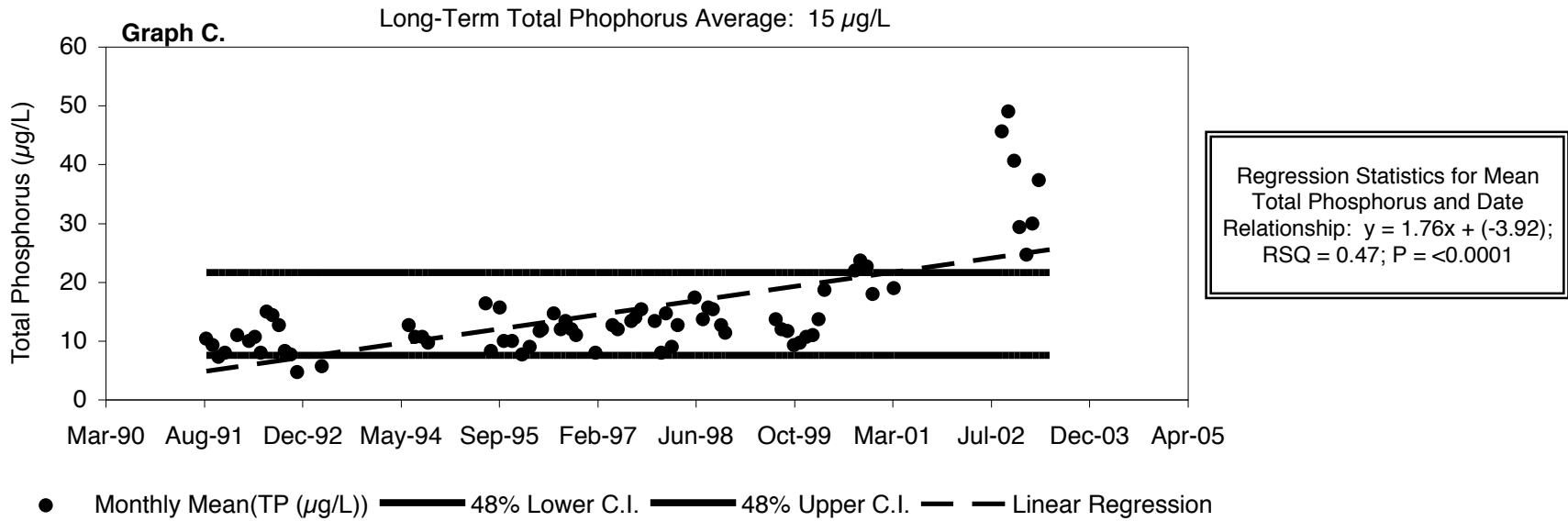
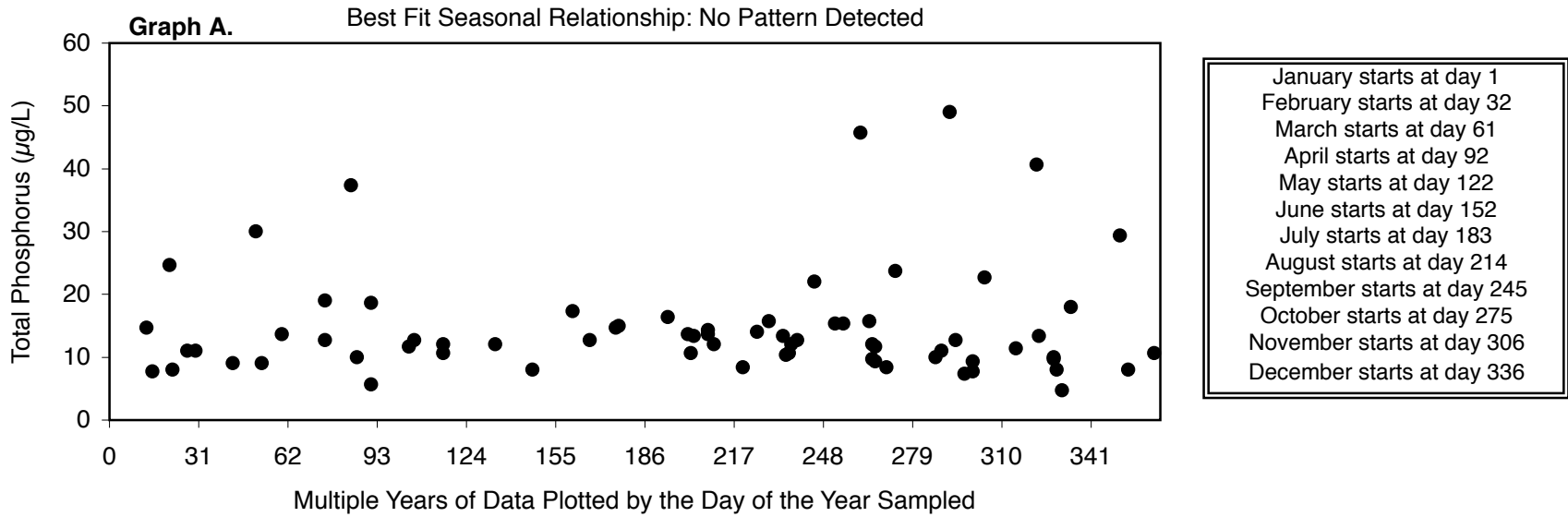
Regression Statistics for Mean
 Secchi Depth and Date
 Relationship: $y = -0.13x + (5.17)$;
 RSQ = 0.042; P = 0.114

● Monthly Mean Secchi (FT) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression

Florida LAKEWATCH

Todd / Citrus

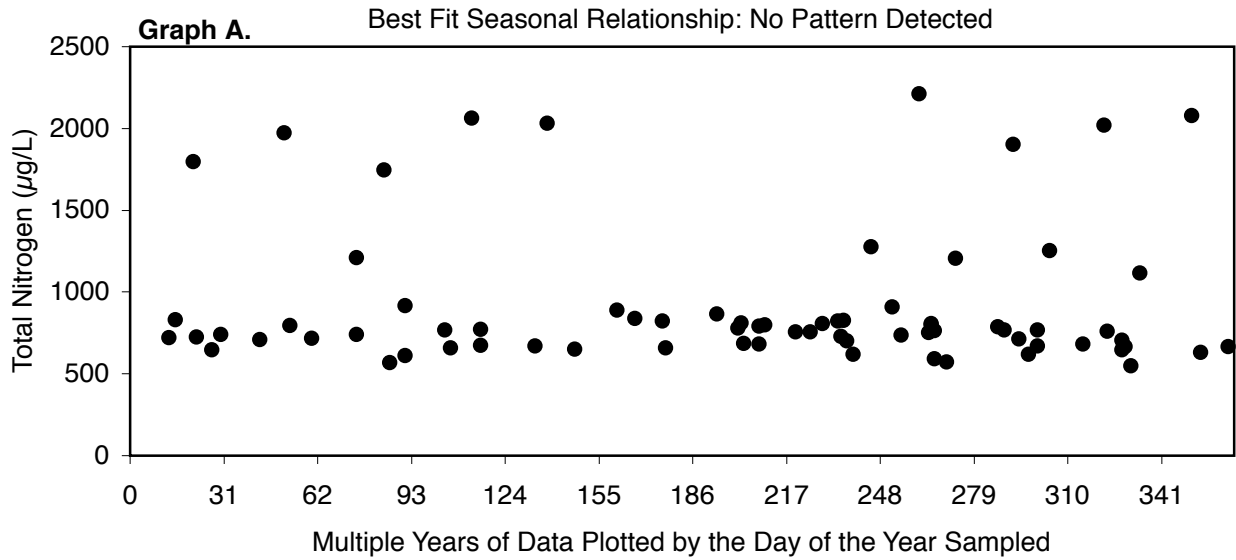
Total Phosphorus Seasonal and Long-Term Trend Analyses



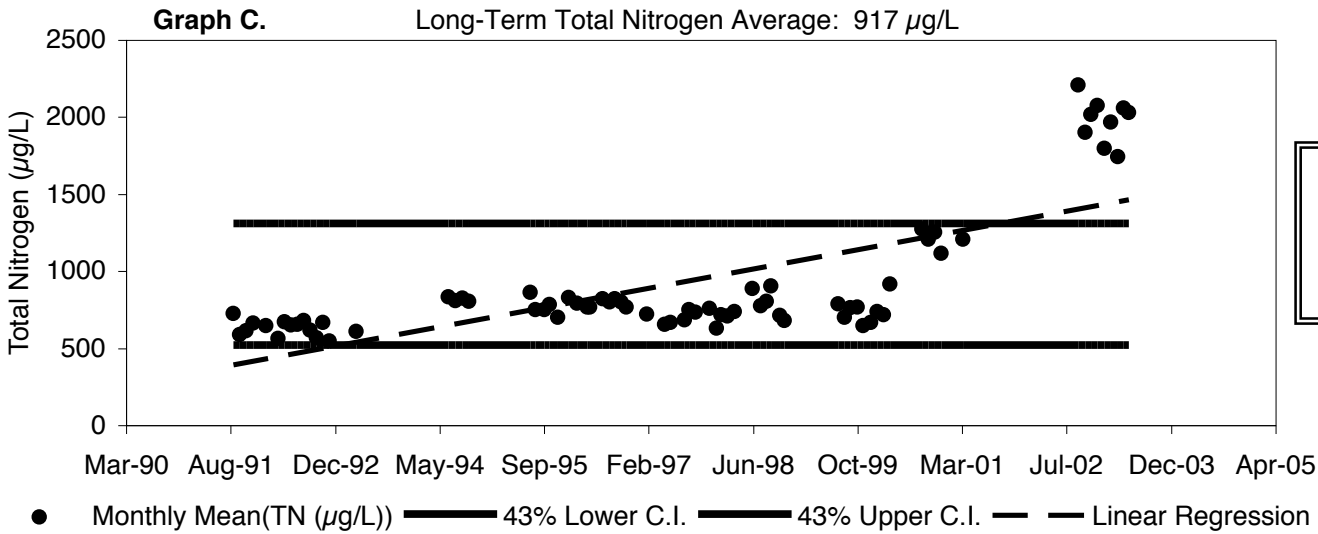
Florida LAKEWATCH

Todd / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
February starts at day 32
March starts at day 61
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May starts at day 122
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September starts at day 245
October starts at day 275
November starts at day 306
December starts at day 336

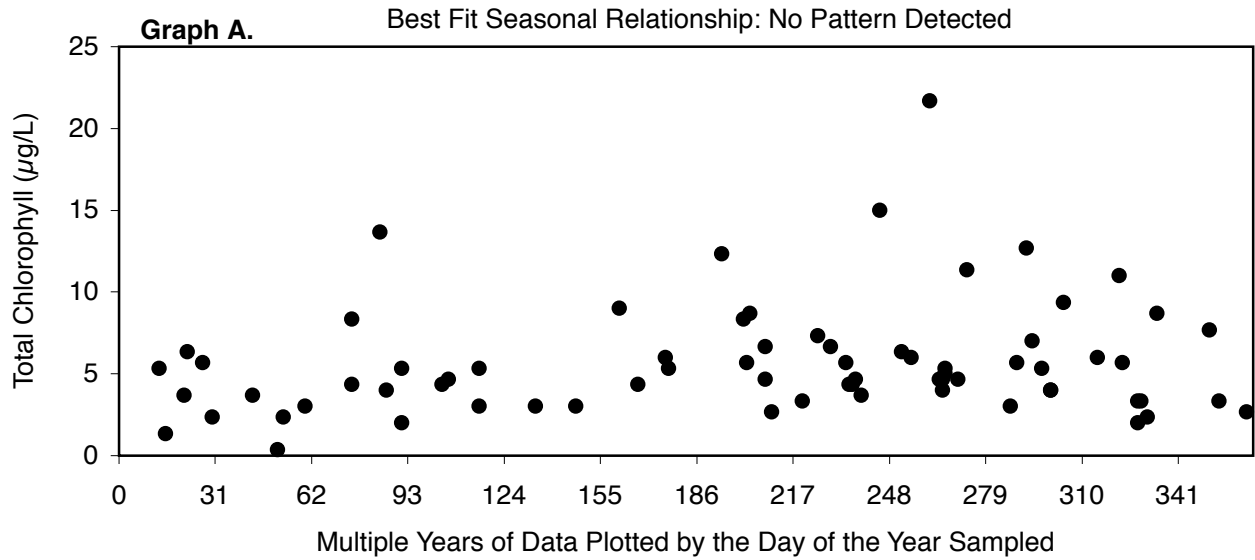


Regression Statistics for Mean Total Nitrogen and Date
Relationship: $y = 91.44x + (-66.62)$; $RSQ = 0.54$; $P < 0.0001$

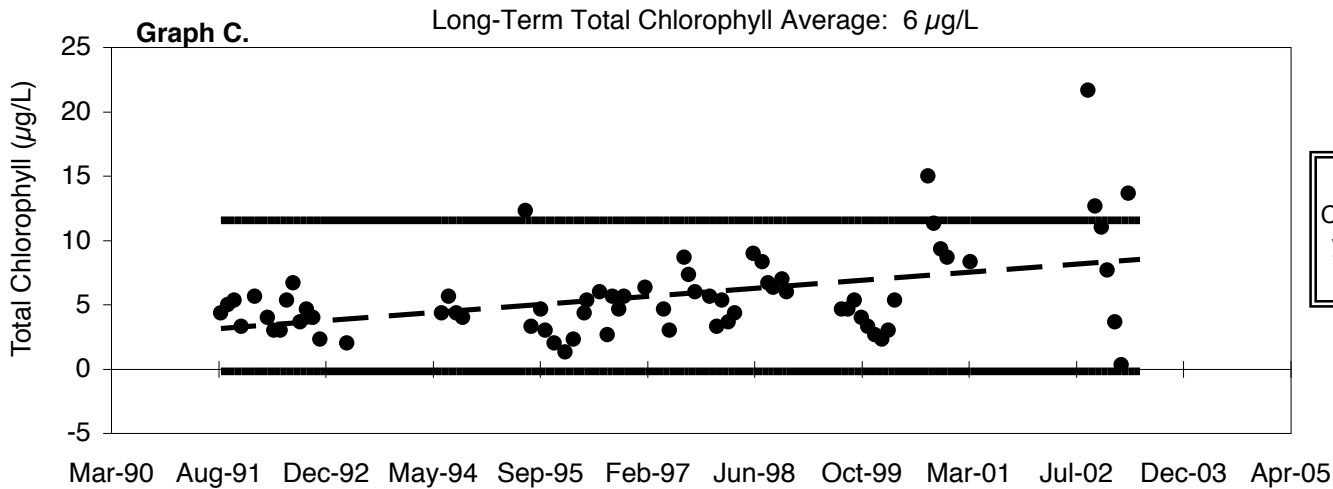
Florida LAKEWATCH

Todd / Citrus

Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



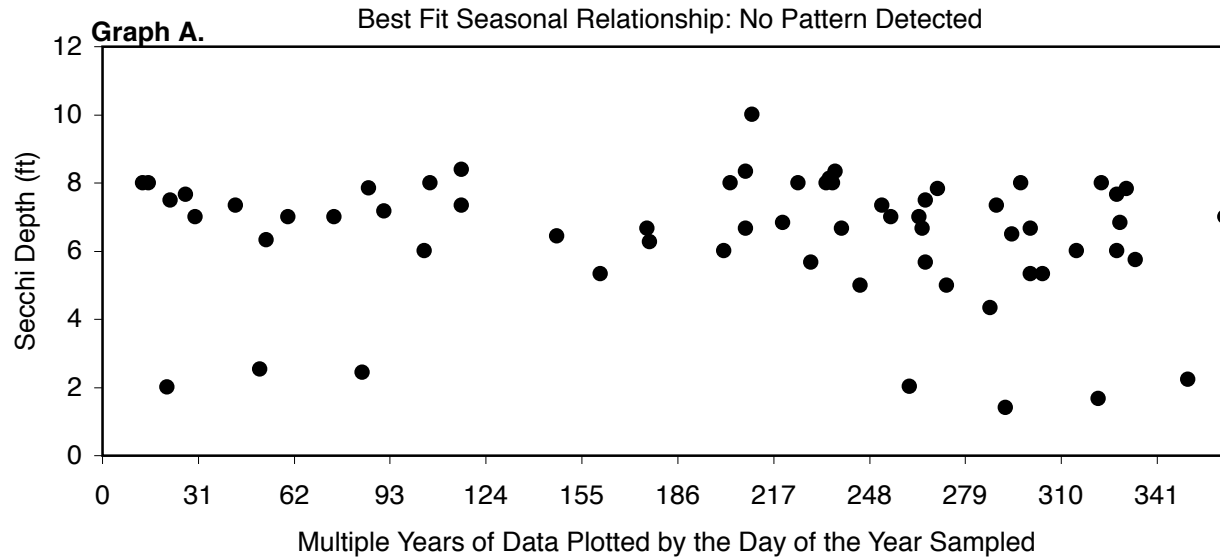
Regression Statistics for Mean Chlorophyll and Date Relationship:
 $y = 0.46x + (0.83)$; $\text{RSQ} = 0.194$;
 $P = < 0.0001$

● Monthly Mean(CHLA ($\mu\text{g/L}$)) ——— 103% Lower C.I. ——— 103% Upper C.I. - - - Linear Regression

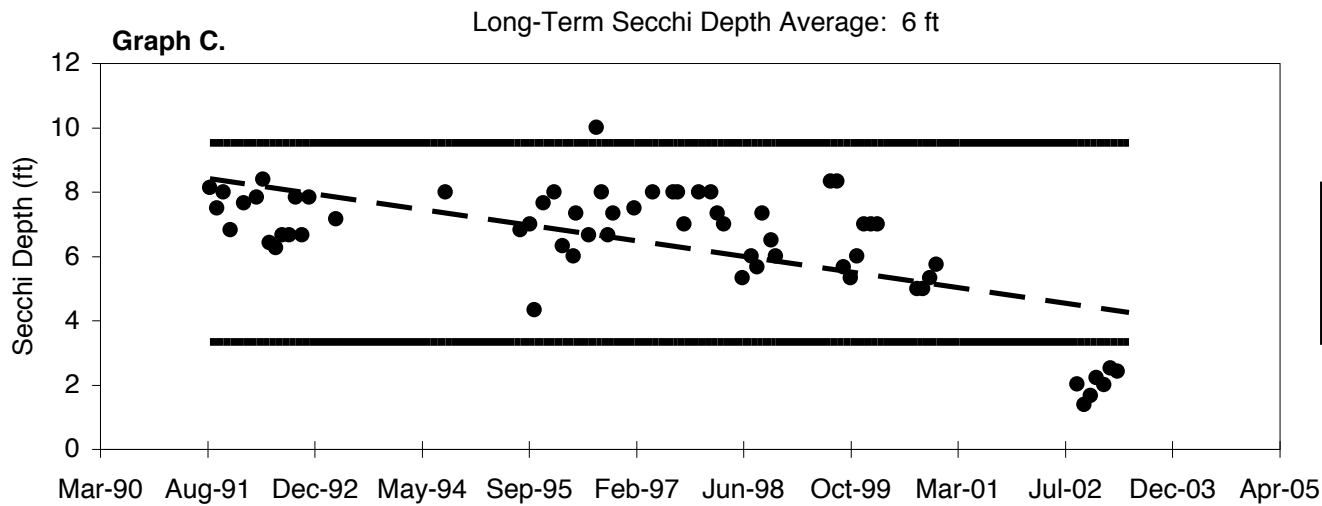
Florida LAKEWATCH

Todd / Citrus

Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
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 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



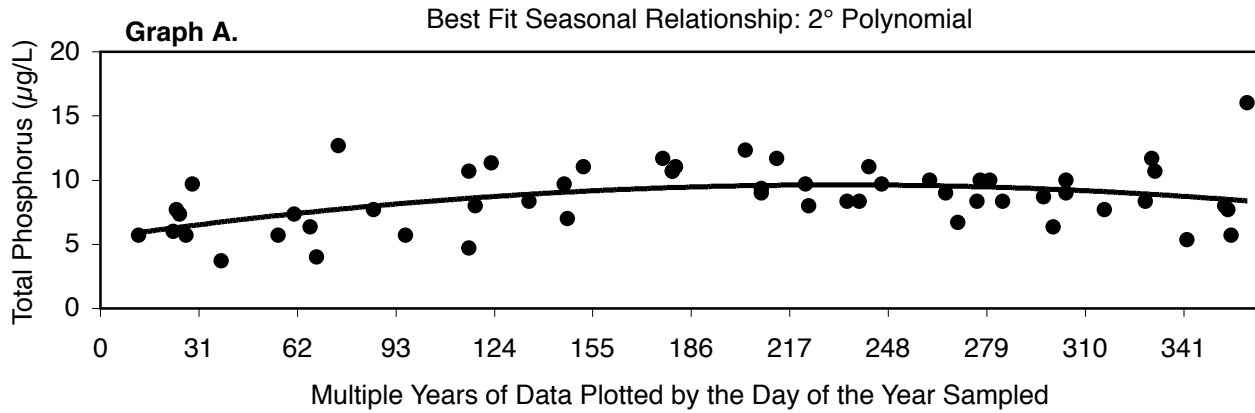
Regression Statistics for Mean Secchi Depth and Date
 Relationship: $y = -0.35x + (10.19)$; $RSQ = 0.422$; $P = <0.0001$

● Monthly Mean Secchi (FT) ——— 48% Lower CI ——— 48% Upper CI - - - Linear Regression

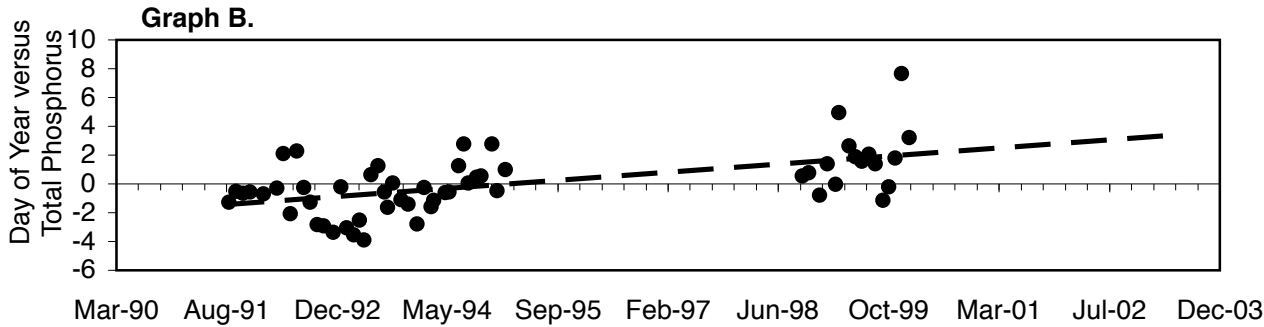
Florida LAKEWATCH

Van Ness / Citrus

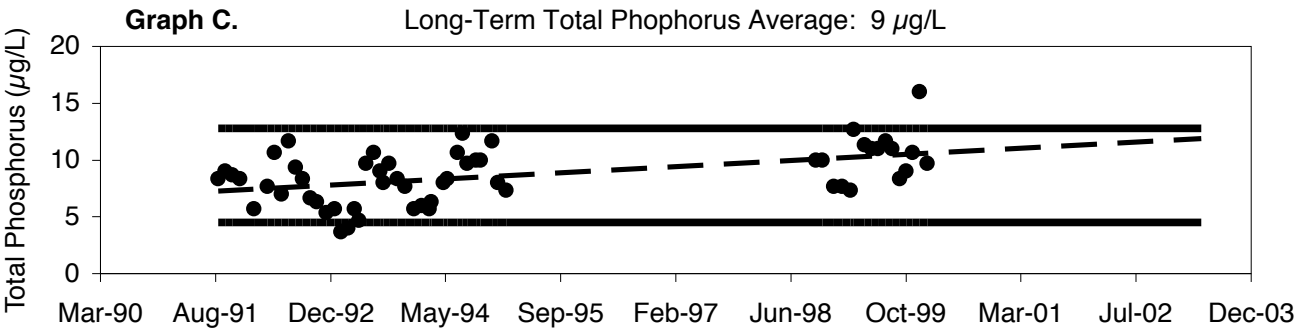
Total Phosphorus Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Total Phosphorus and Date Relationship: $y = 0.41x + (-3.52)$; $RSQ = 0.31$; $P < 0.0001$



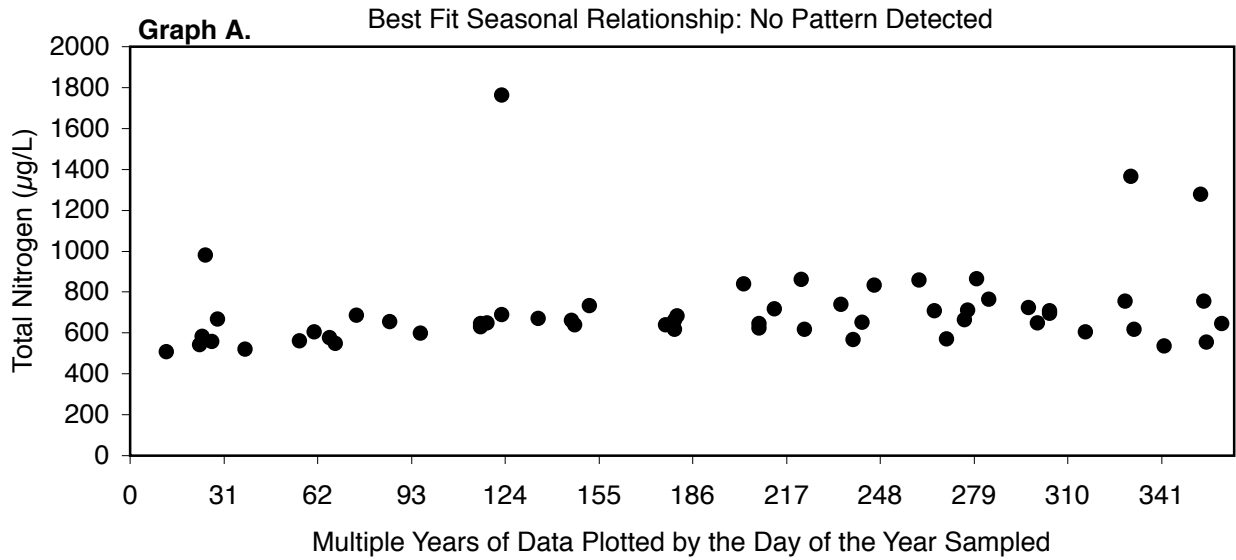
Regression Statistics for Mean Total Phosphorus and Date Relationship: $y = 0.39x + (5.28)$; $RSQ = 0.226$; $P = 0.0002$

● Monthly Mean(TP (µg/L)) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression

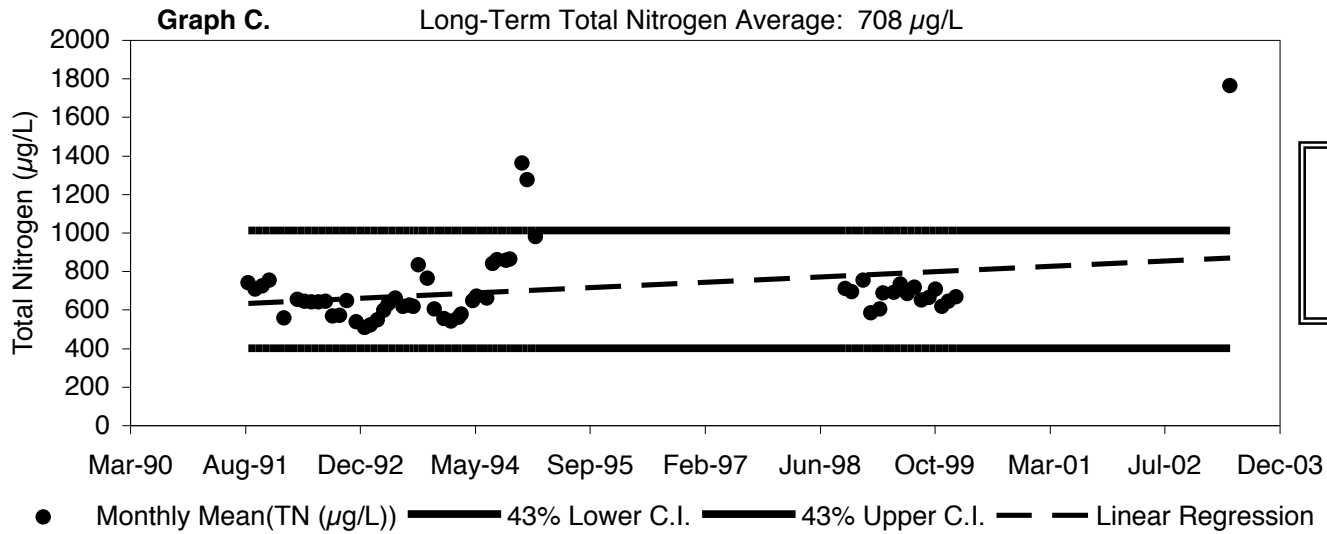
Florida LAKEWATCH

Van Ness / Citrus

Total Nitrogen Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336

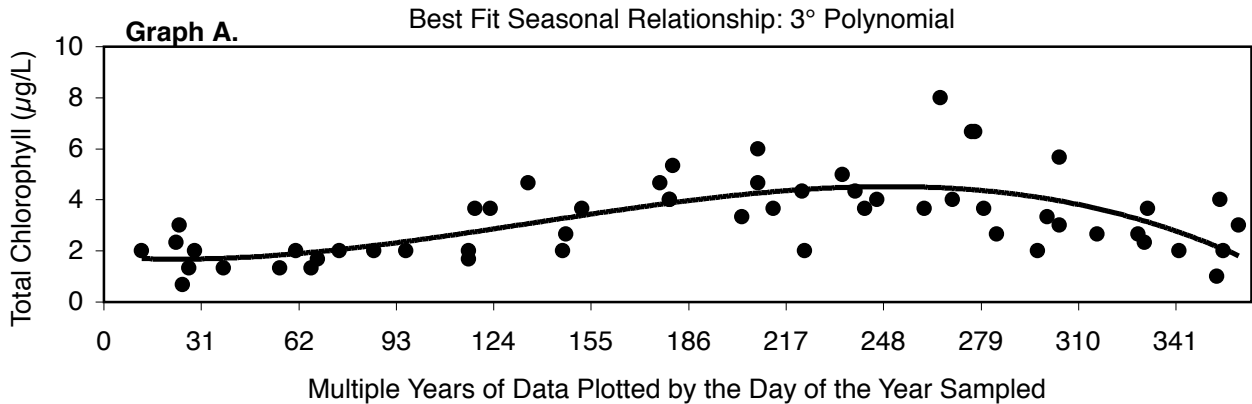


Regression Statistics for Mean Total Nitrogen and Date
 Relationship: $y = 20.32x + (531.78)$; $RSQ = 0.087$; $P = 0.03$

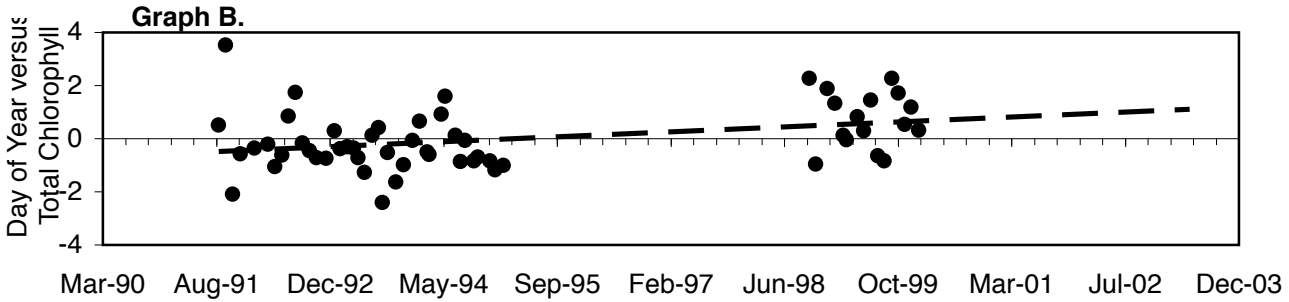
Florida LAKEWATCH

Van Ness / Citrus

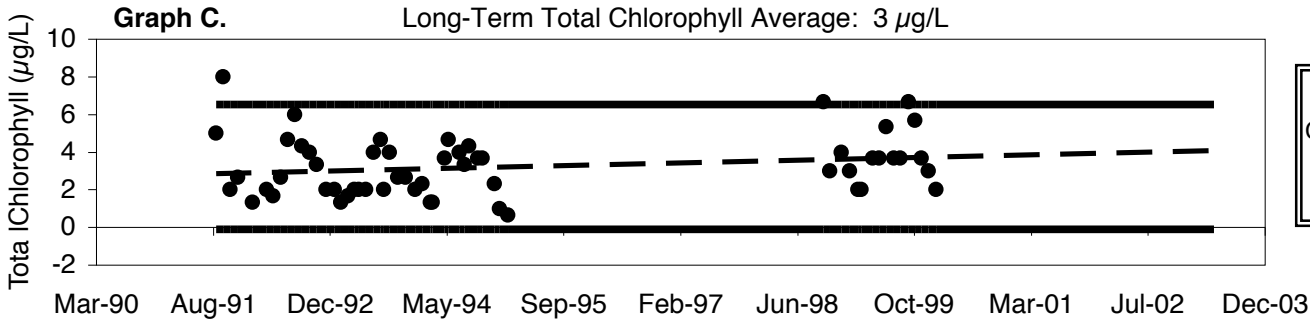
Total Chlorophyll Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
 June starts at day 152
 July starts at day 183
 August starts at day 214
 September starts at day 245
 October starts at day 275
 November starts at day 306
 December starts at day 336



Regression Statistics for Mean Residual Chlorophyll and Date Relationship: $y = 0.13x + (-1.15)$; RSQ = 0.116; P=0.0102



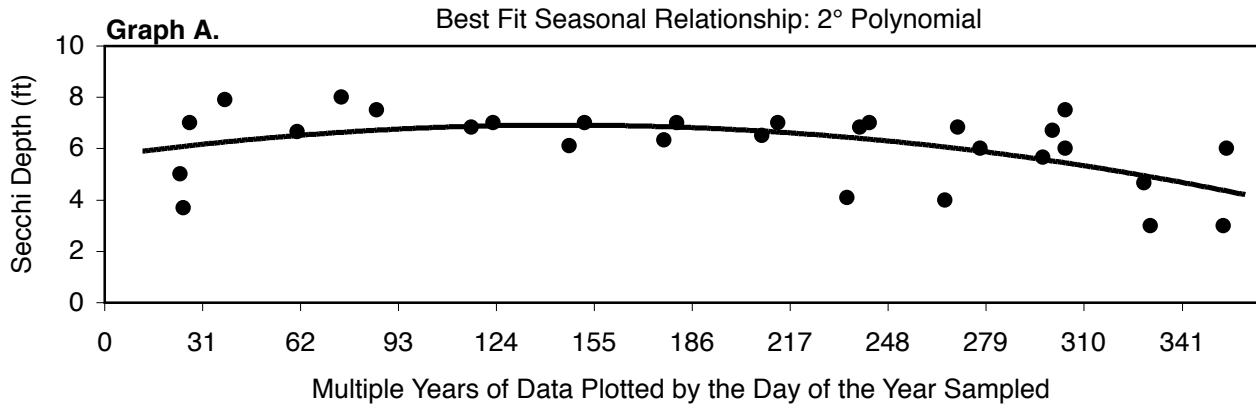
Regression Statistics for Mean Chlorophyll and Date Relationship: $y = 0.1x + (2.34)$; RSQ = 0.037; P=0.16

● Monthly Mean(CHL A (µg/L)) ——— 103% Upper C.I. ——— 103% Lower C.I. - - - Linear Regression

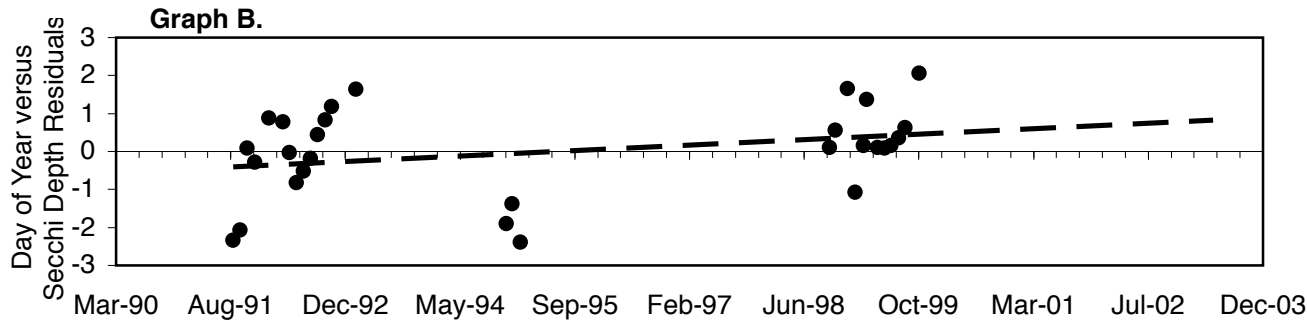
Florida LAKEWATCH

Van Ness / Citrus

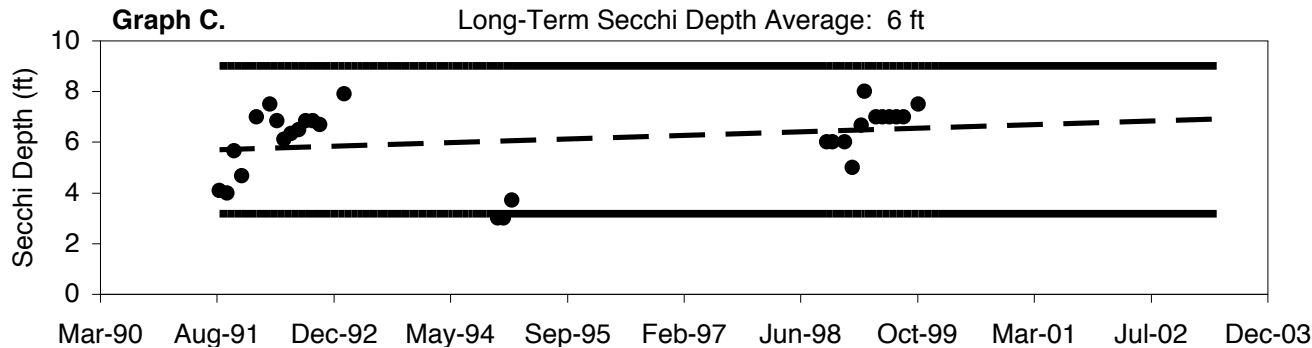
Secchi Depth Seasonal and Long-Term Trend Analyses



January starts at day 1
 February starts at day 32
 March starts at day 61
 April starts at day 92
 May starts at day 122
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 July starts at day 183
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 December starts at day 336



Regression Statistics for Residual Mean Secchi Depth and Date Relationship: $y = 0.1x + (-0.92)$; RSQ = 0.087; P = 0.1195



Regression Statistics for Mean Secchi Depth and Date Relationship: $y = 0.11x + (5.17)$; RSQ = 0.063; P = 0.188

● Monthly Mean Secchi (FT) ——— 48% Upper C.I. ——— 48% Lower C.I. - - - Linear Regression