

Appendix A: Time Series Comparisons 1991-2000

The eutrophication model was applied and calibrated to the period 1991 – 2000. Data for model calibration was obtained from the data base maintained by the EPA Chesapeake Bay Program (<http://www.chesapeakebay.net/data/index.htm>). Observations were obtained from 40 stations among the larger number in the monitoring program (Figure 1). We selected one station in each major Chesapeake Bay Program Segment (CBPS) as well as stations in multiple smaller segments. Time series comparisons were completed for 19 water quality components, at one to three depth intervals, at each station. Comparisons included physical quantities (salinity, temperature, suspended solids, light attenuation), chlorophyll, dissolved oxygen, and multiple forms of carbon, nitrogen, and phosphorus. We concentrate here on the components which correspond closely to chlorophyll, clarity, and dissolved oxygen.

This appendix presents four pages for each time series station. Description of the presentation for each station follows.

Chlorophyll Surface. Ten-year time series of computed and observed chlorophyll ‘a’. The time axis on this and the following plots commences on January 1, 1991, and runs through January 31, 2000. In this and following plots, instantaneous observations from the surface sample (1 m) are plotted along with daily-average model values in the cell which corresponds to the monitoring station.

Light Extinction. Ten-year time series of computed and observed diffuse light attenuation. Attenuation at the following stations was calculated from disk visibility ($K_d = 1.4 / DV$): EE3.1, EE3.2, EE1.1, EE2.1, ET1.1, ET2.3, ET4.2, ET6.2, ET9.1, WT1.1, WT2.1, WT8.1, RET2.4, TF2.1, LE1.3, RET1.1. Attenuation at the remaining stations was derived from irradiance observed at multiple depths in the water column.

Dissolved Inorganic Nitrogen Surface. Ten-year time series of computed and observed dissolved inorganic nitrogen. DIN is computed as the sum of ammonium and nitrate nitrogen.

Dissolved Inorganic Phosphorus Surface. Ten-year time series of computed and observed dissolved inorganic phosphorus.

Algal Limits. Ten-year time series of computed nutrient limitations on phytoplankton production in the model surface cell. Nutrient limits are daily average values. The limitations are biomass weighted according to the algal groups present. A limitation of zero indicates complete limitation to growth. A limitation of unity indicates no limitation.

Total Nitrogen Surface. Ten-year time series of computed and observed total nitrogen.

Total Phosphorus Surface. Ten-year time series of computed and observed total phosphorus.

Statistics. The mean difference (MD) and absolute mean difference (AMD) statistics are provided for the computations and observations at this station. These statistics are defined:

$$MD = \frac{\sum(P - O)}{N} \quad (1)$$

$$AMD = \frac{\sum|P - O|}{N} \quad (2)$$

in which:

MD = mean difference

AMD = absolute mean difference

O = observation

P = prediction

N = number of observations

Dissolved Oxygen. Ten-year time series of computed and observed dissolved oxygen. The presentation varies depending on local depth of the monitoring station. Comparisons are always presented for the surface sample. At deeper stations (typically prefixed RET and EE) comparisons are presented at the surface and bottom. At stations deep enough to warrant sampling near the pycnocline (typically prefixed CB and LE) comparisons are presented at the surface, mid-depth, and bottom. Statistics correspond to the number of depths plotted.

Light Extinction. Ten-year time series of computed and observed diffuse light attenuation.

Total Solids Surface. Ten-year time series of computed and observed total suspended solids. Model TSS is the sum of the four fixed solids variables (fine clay, clay, silt, sand) plus particulate organic carbon components (algal carbon, zooplankton carbon, labile and refractory particulate organic carbon). Organic

carbon is converted to solids through multiplication by the ratio $2.5 \text{ g solids g}^{-1} \text{ C}$.

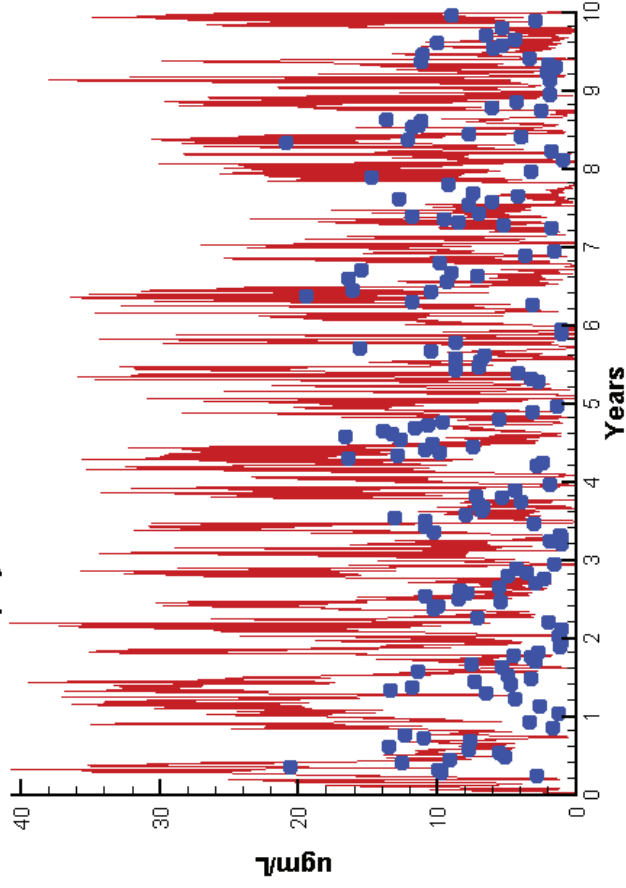
Solids Surface. This graph separates computed fixed (inorganic) and volatile (organic) solids. Volatile solids are obtained from modeled carbon as noted above. No observations are shown since these fractions are not regularly observed in the monitoring program.



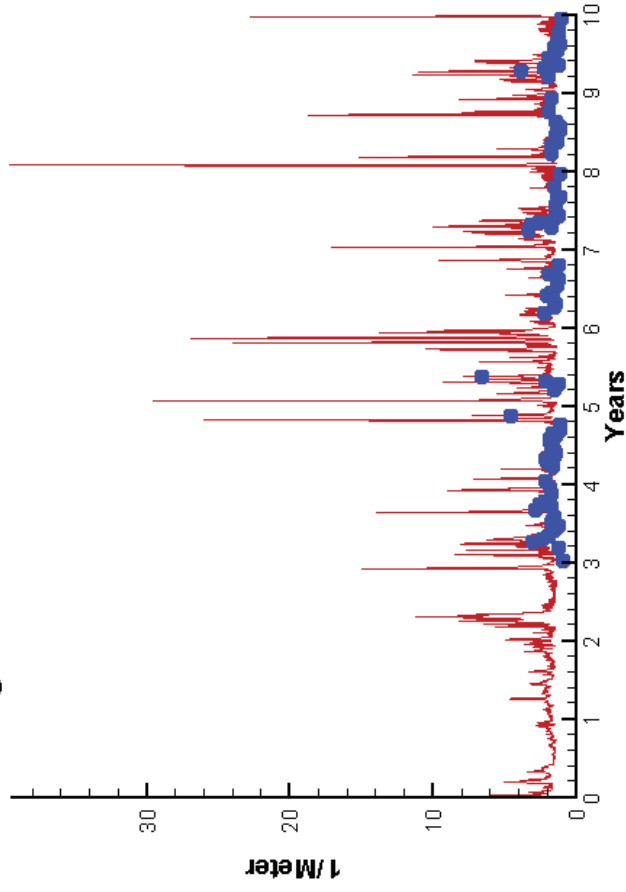
Figure 1. Monitoring stations. Forty stations were selected from this group for time series analysis.

Station CB1.1

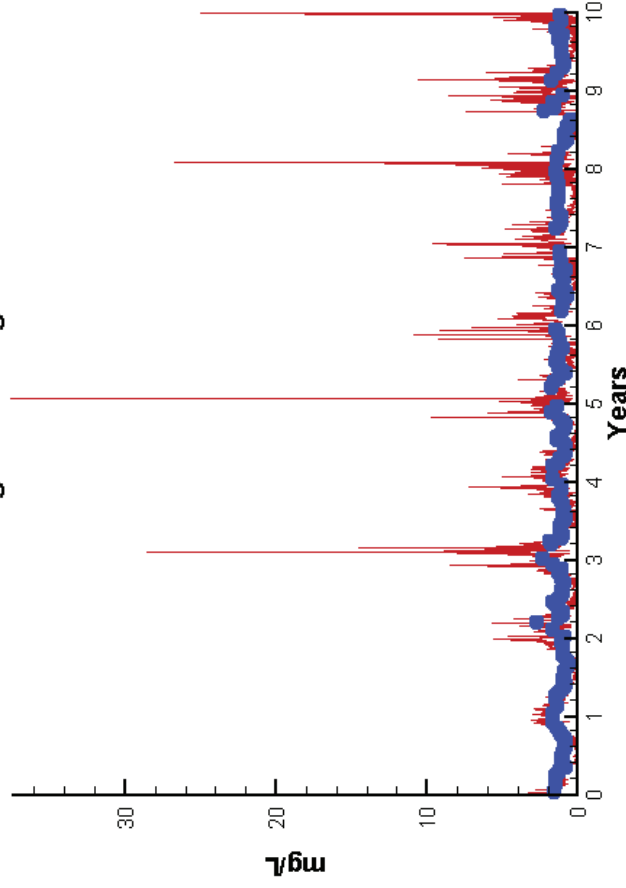
Run184 1991-2000
Chlorophyll CB1.1 Surface



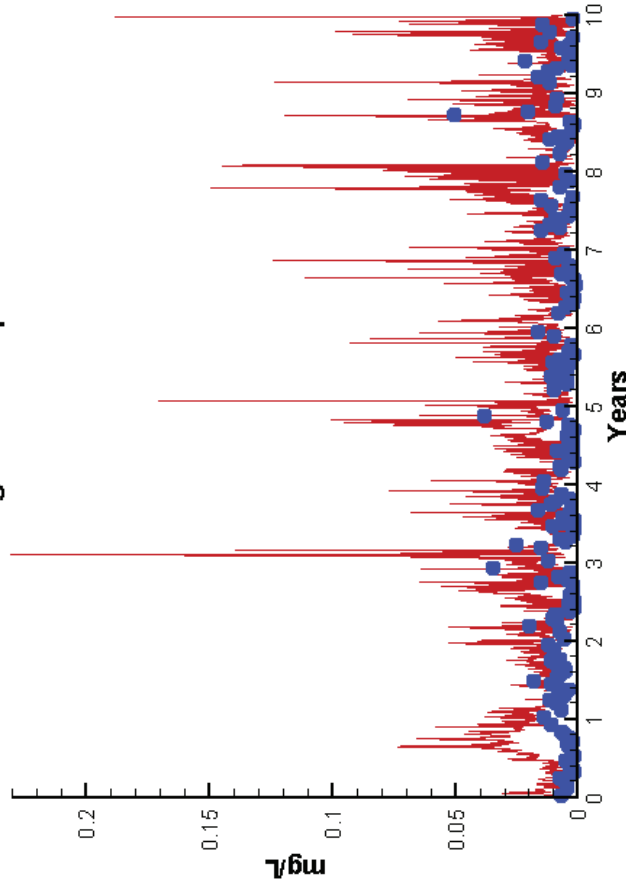
Run184 1991-2000
Light Extinction CB1.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB1.1 Surface

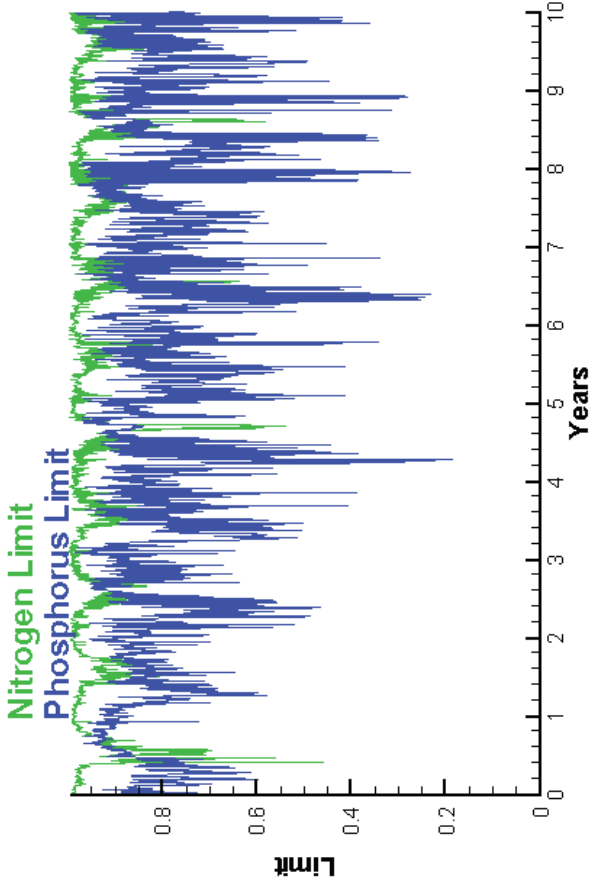


Run184 1991-2000
Dissolved Inorganic Phosphorus CB1.1 Surface

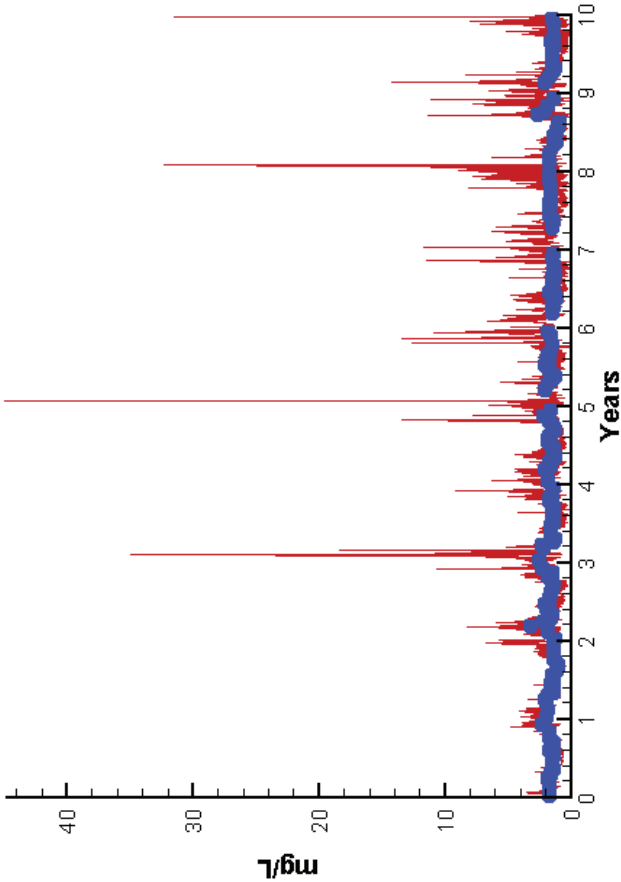


Station CB1.1

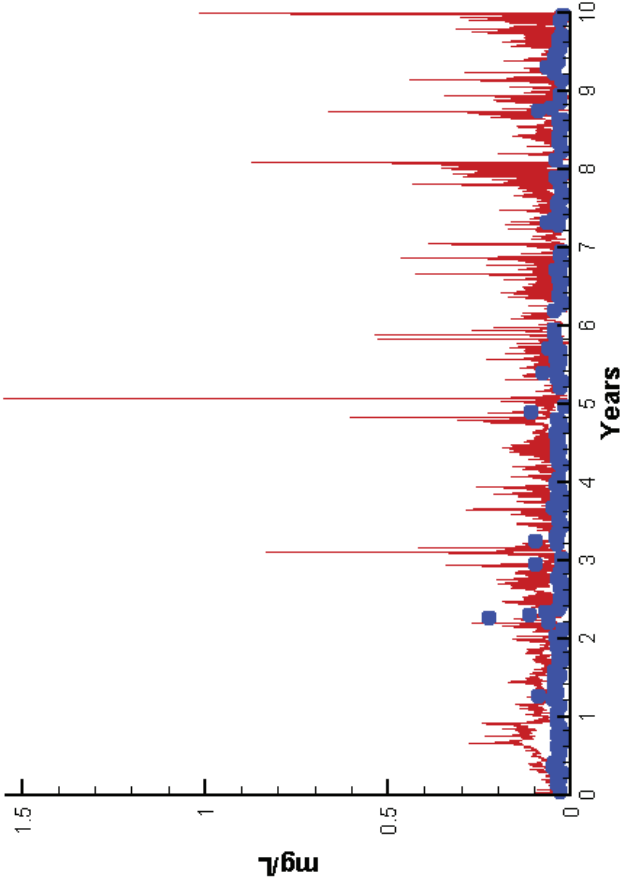
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB1.1 Surface



Run184 1991-2000
Total Phosphorus CB1.1 Surface



Mean Difference

Absolute Mean Difference

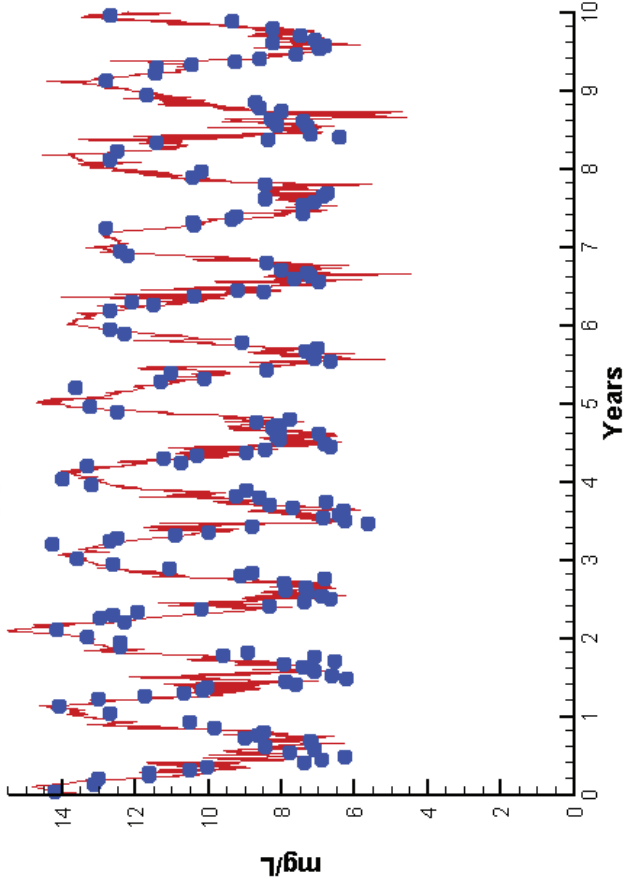
Chl
DIN
KE
DIP
TP
TN

4.6727
-0.2625
0.4861
0.0089
0.0414
0.0327

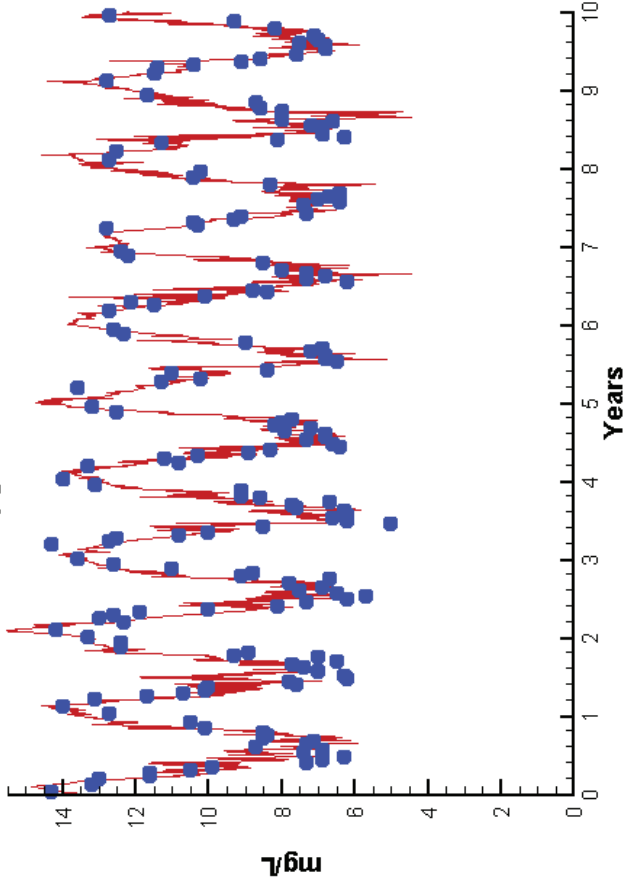
8.7261
0.5947
0.6100
0.0119
0.0479
0.6378

Station CB1.1

Run184 1991-2000
Dissolved Oxygen CB1.1 Surface



Run184 1991-2000
Dissolved Oxygen CB1.1 Bottom



Mean Difference

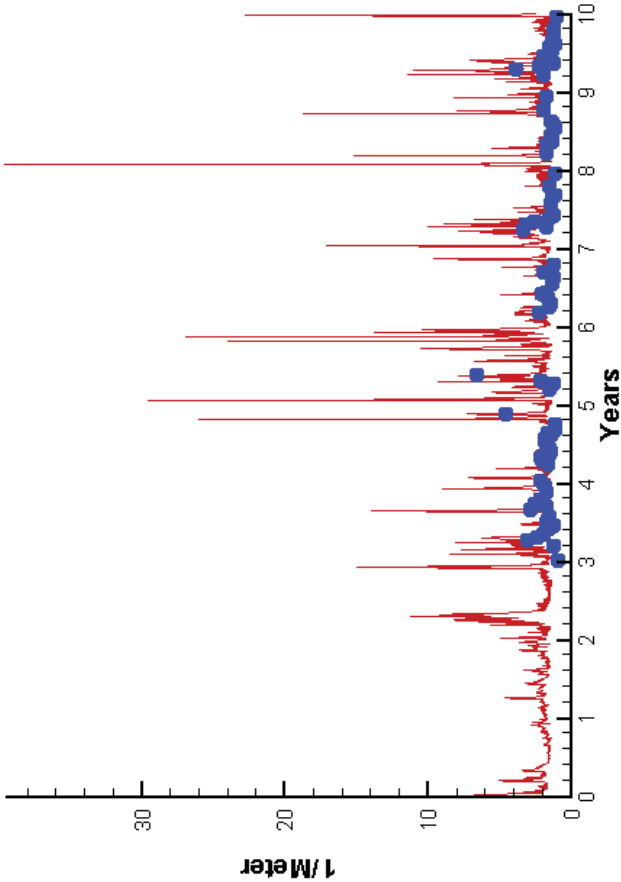
Top DO 0.2983
Bot DO 0.3222

Absolute Mean Difference

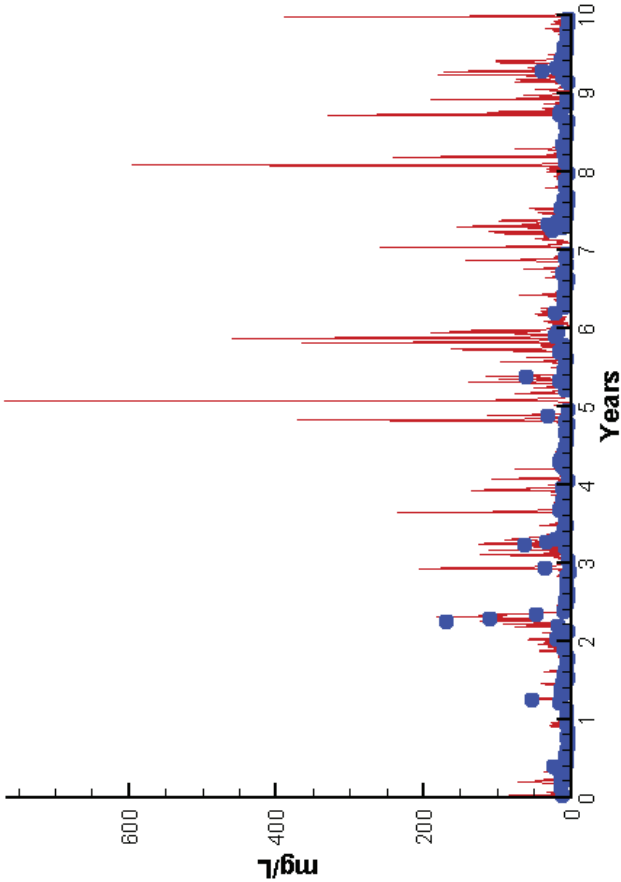
0.9922
0.9859

Station CB1.1

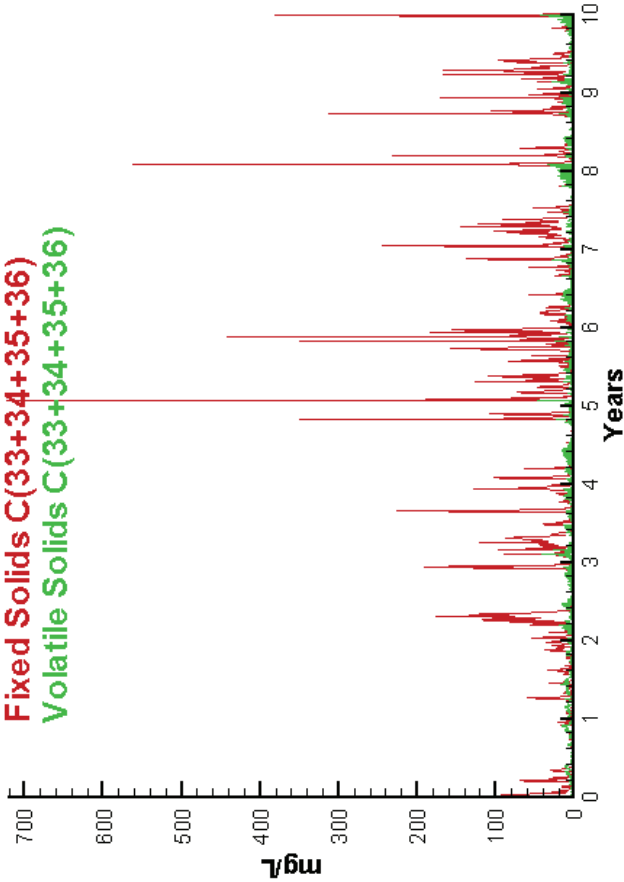
Run184 1991-2000
Light Extinction CB1.1 Surface



Run184 1991-2000
Total Solids CB1.1 Surface



Run184 1991-2000
Solids Surface



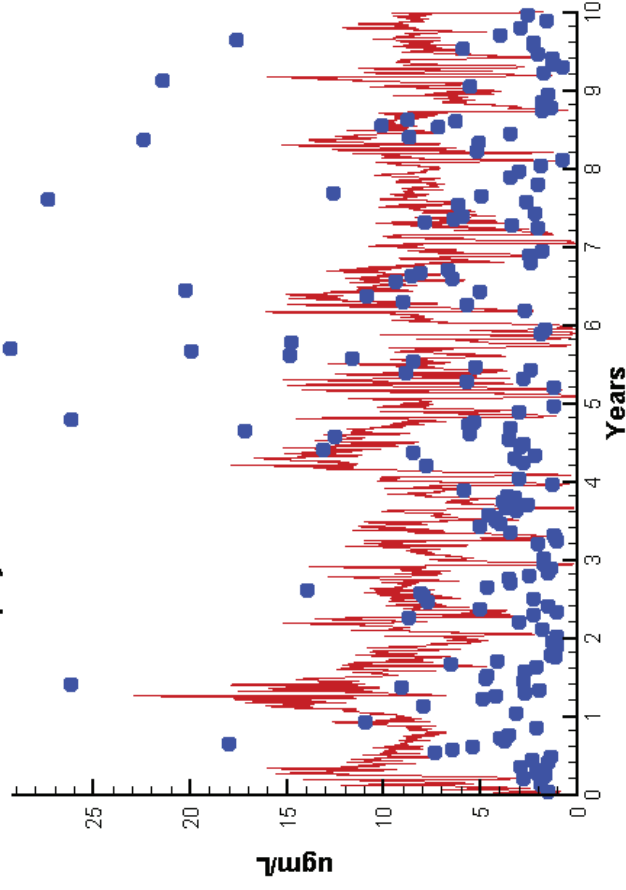
Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference Absolute Mean Difference

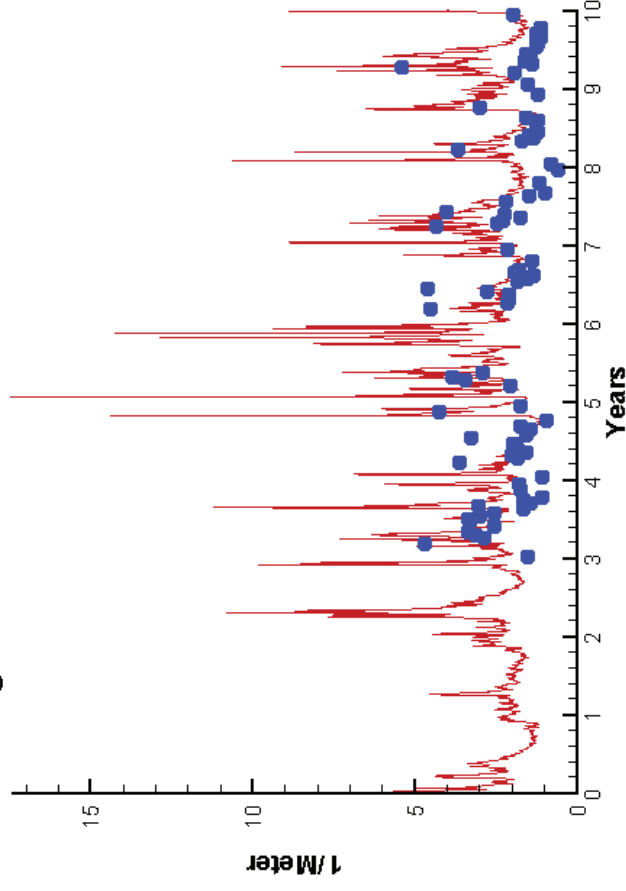
KE 0.4861 0.6100
TSS 6.8538 8.9576

Station CB2.2

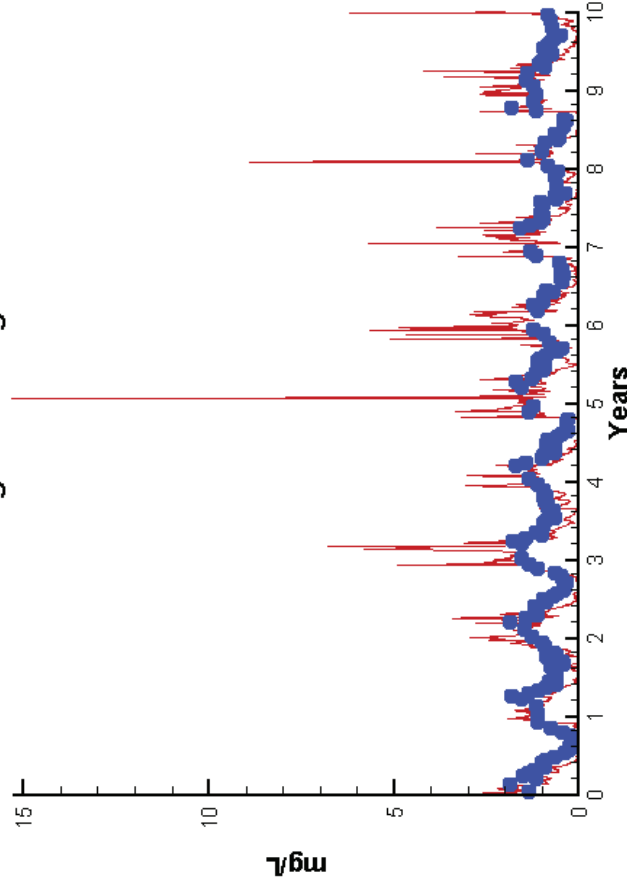
Run184 1991-2000
Chlorophyll CB2.2 Surface



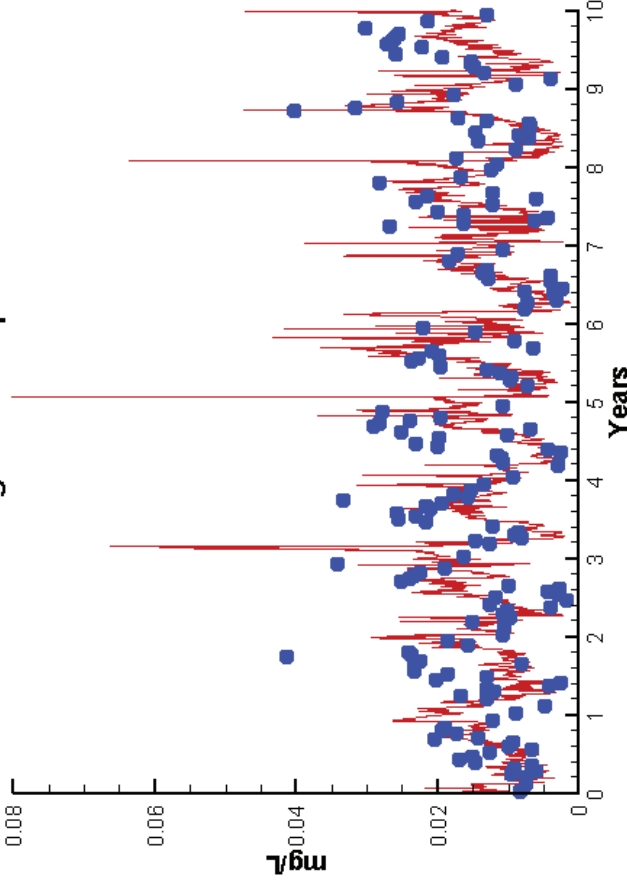
Run184 1991-2000
Light Extinction CB2.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB2.2 Surface

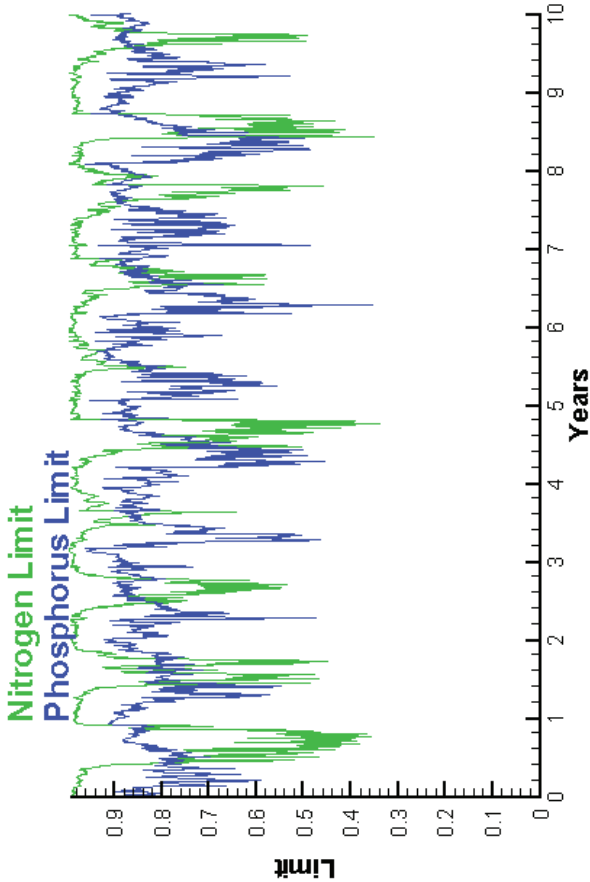


Run184 1991-2000
Dissolved Inorganic Phosphorus CB2.2 Surface

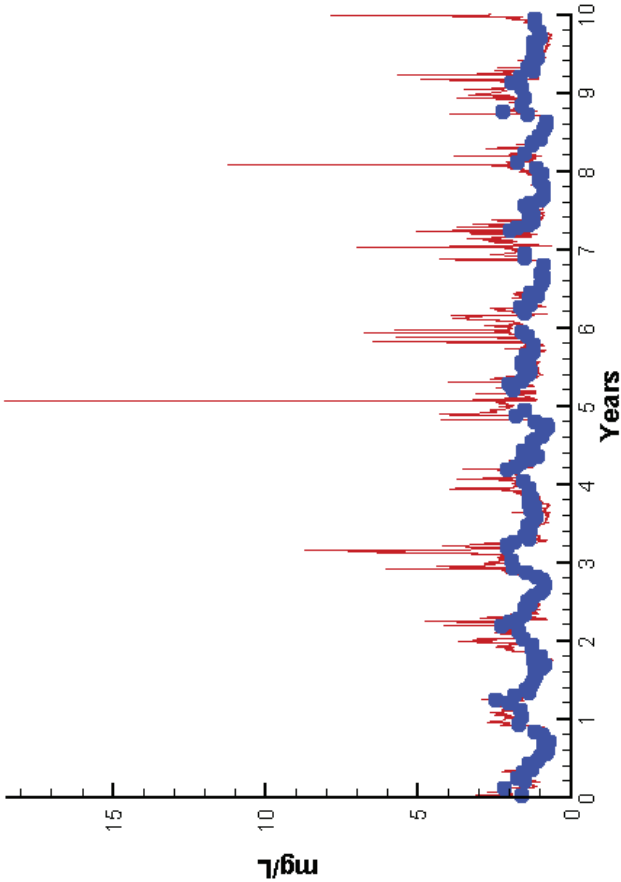


Station CB2.2

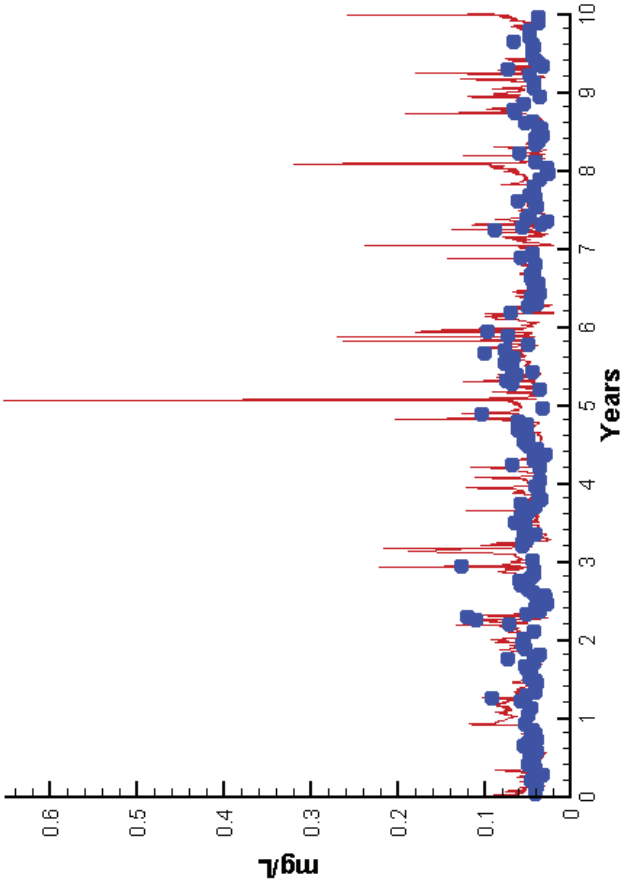
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB2.2 Surface



Run184 1991-2000
Total Phosphorus CB2.2 Surface



Mean Difference

Absolute Mean Difference

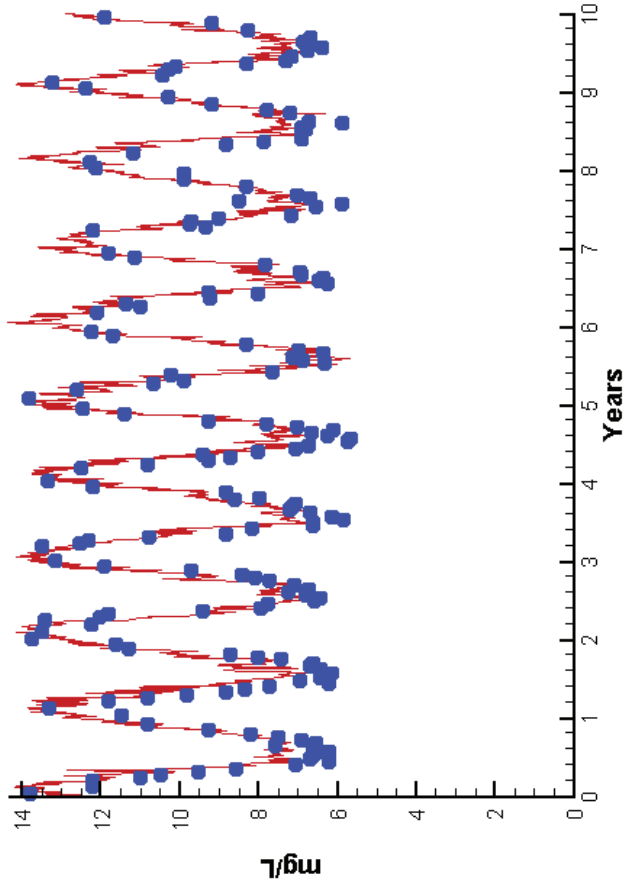
Chl
DIN
KE
DIP
TP
TN

3.1725
-0.2625
0.6002
-0.0026
0.0018
0.0413

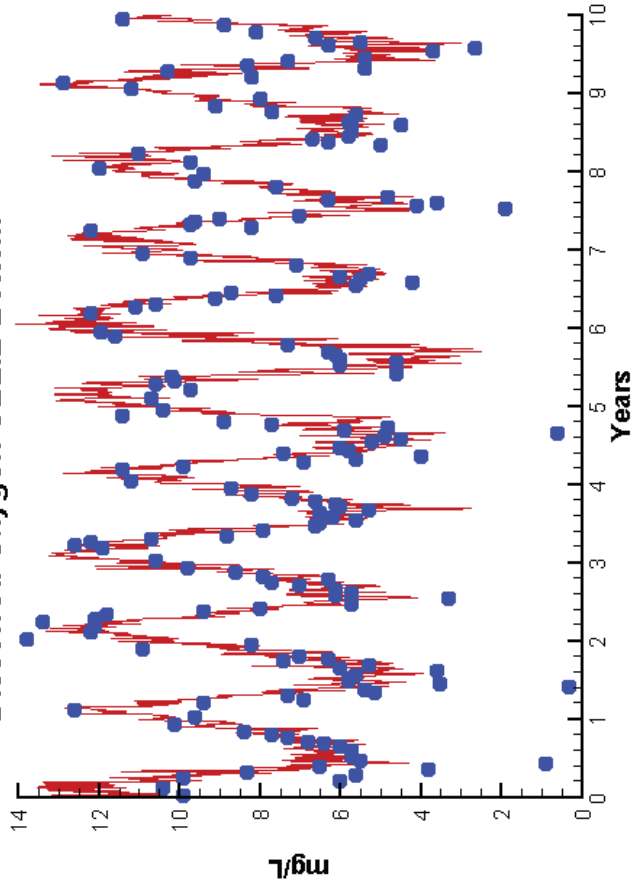
5.2801
0.4342
0.9243
0.0068
0.0150
0.3239

Station CB2.2

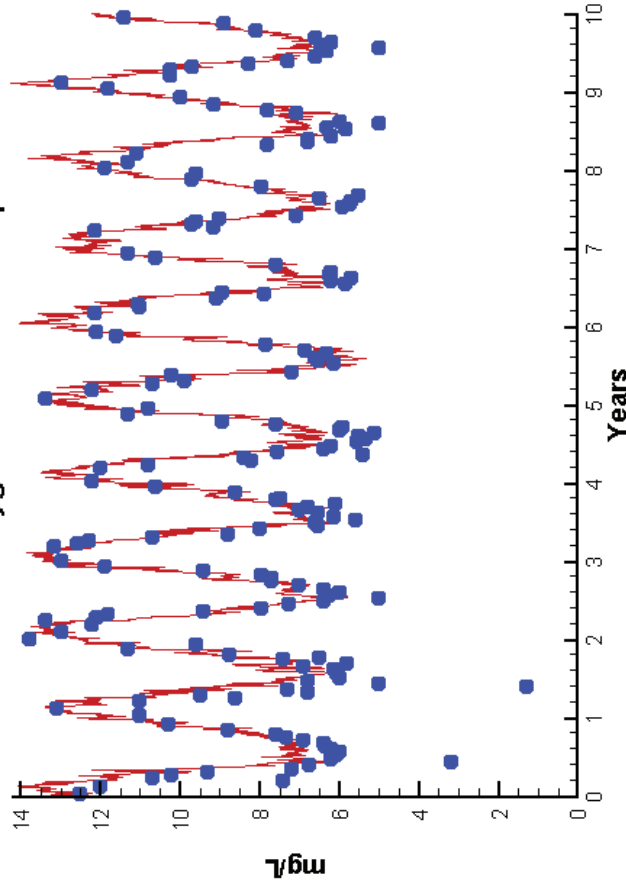
Run184 1991-2000
Dissolved Oxygen CB2.2 Surface



Run184 1991-2000
Dissolved Oxygen CB2.2 Bottom



Run184 1991-2000
Dissolved Oxygen CB2.2 Mid-Depth



Mean Difference

Absolute Mean Difference

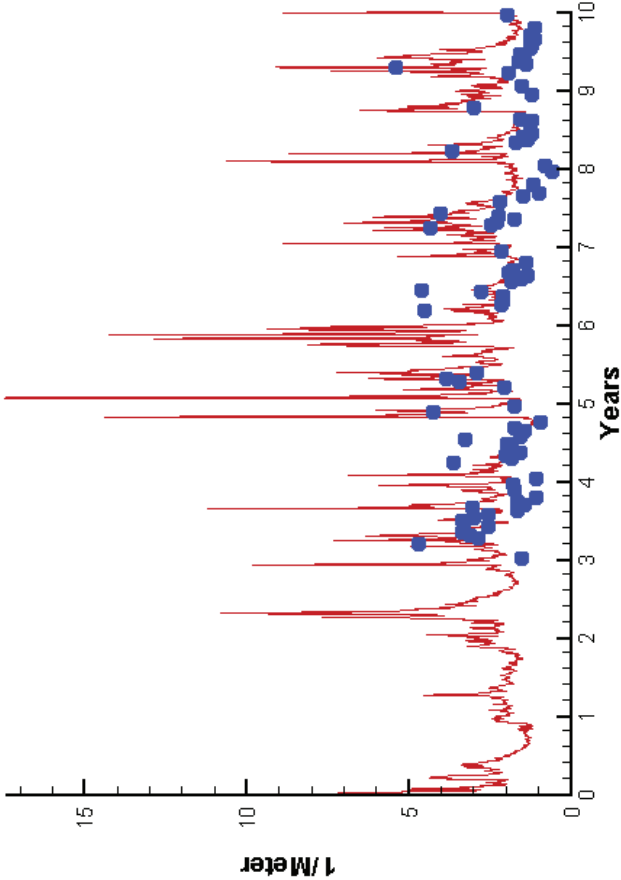
Top DO
Mid DO
Bot DO

0.6888
0.7289
0.1921

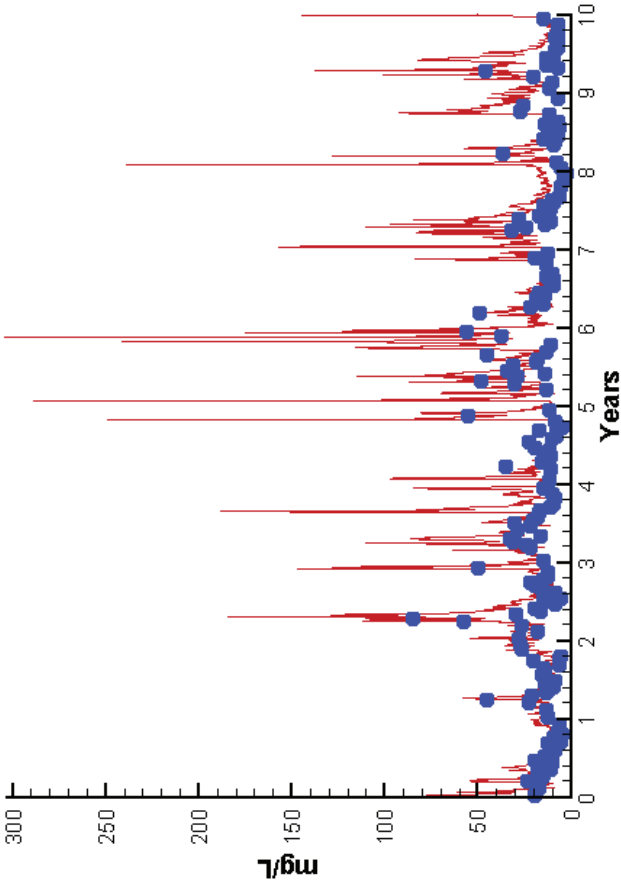
0.9211
0.9938
1.1277

Station CB2.2

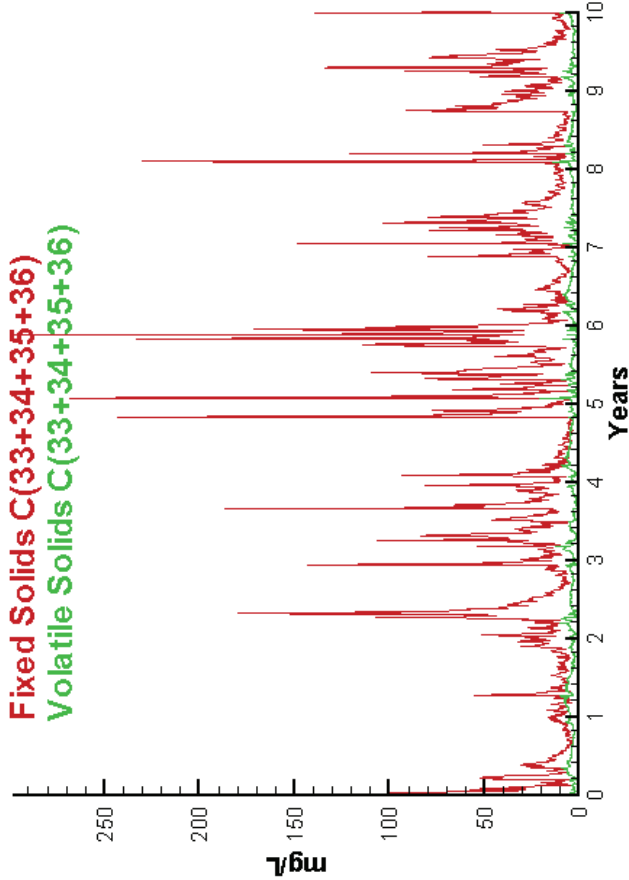
Run184 1991-2000
Light Extinction CB2.2 Surface



Run184 1991-2000
Total Solids CB2.2 Surface



Run184 1991-2000
Solids Surface



Mean Difference

0.6002

10.4214

KE

TSS

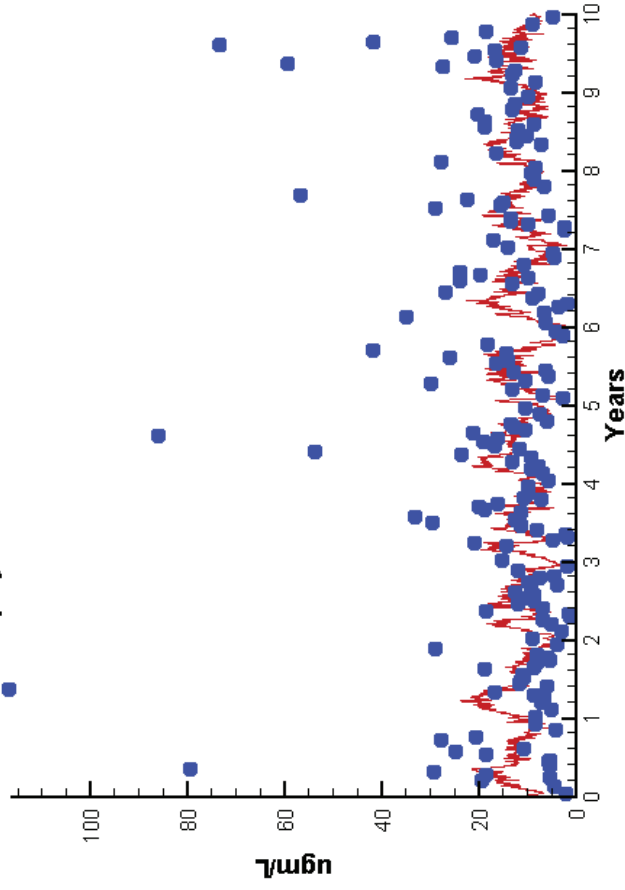
0.9243

12.8805

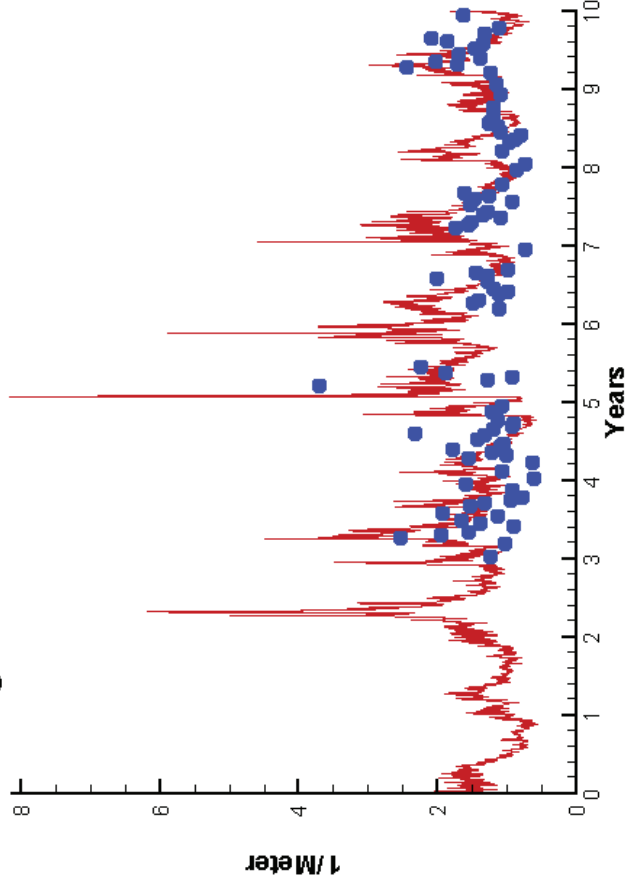
Absolute Mean Difference

Station CB3.3C

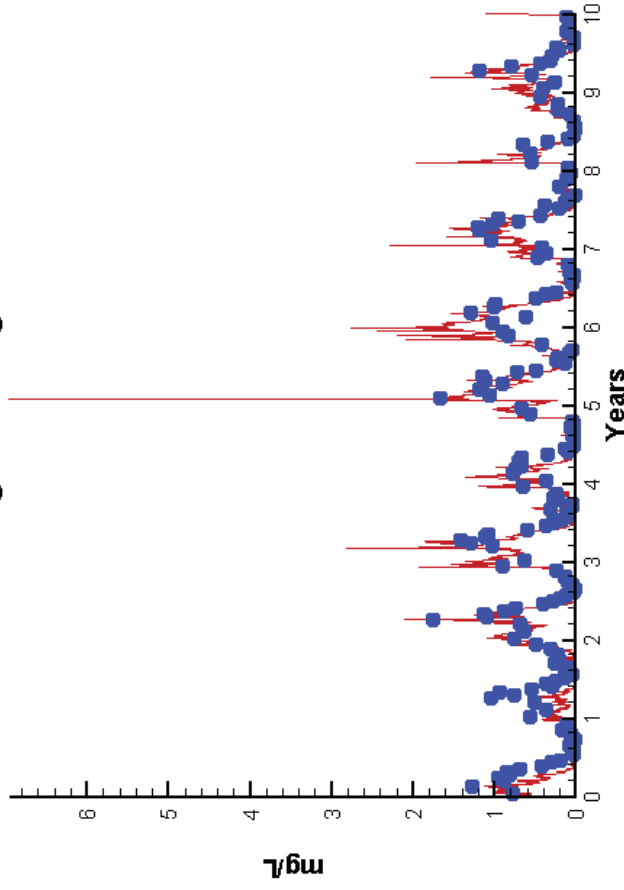
Run184 1991-2000
Chlorophyll CB3.3C Surface



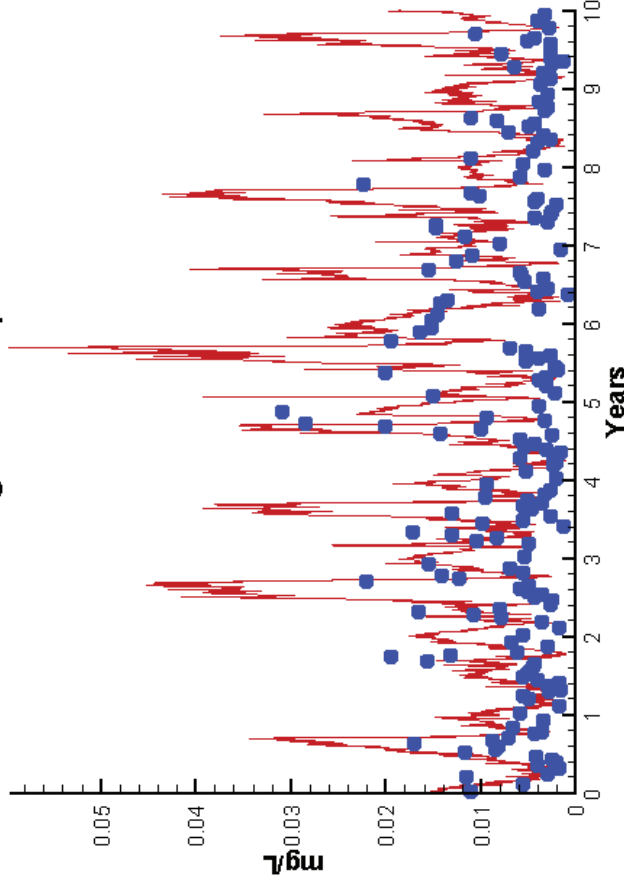
Run184 1991-2000
Light Extinction CB3.3C Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB3.3C Surface

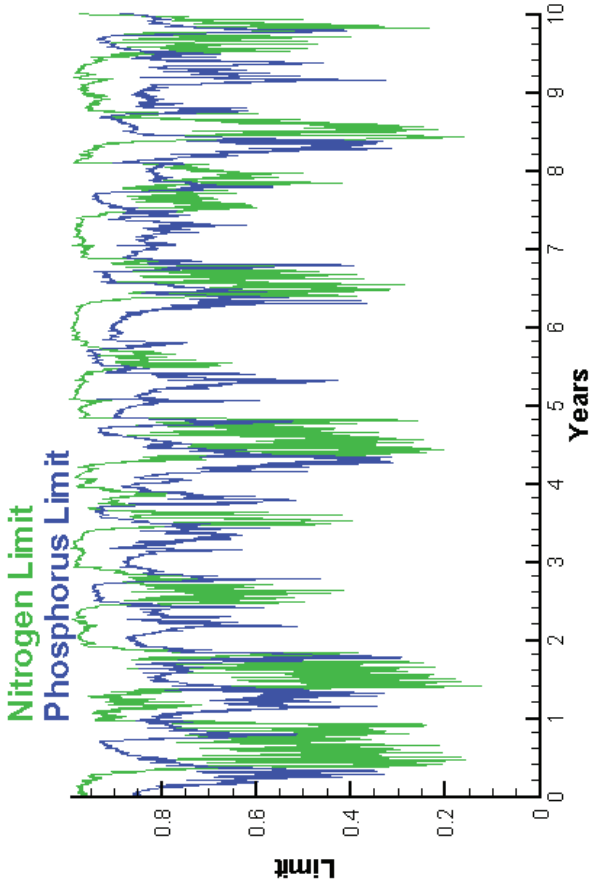


Run184 1991-2000
Dissolved Inorganic Phosphorus CB3.3C Surface

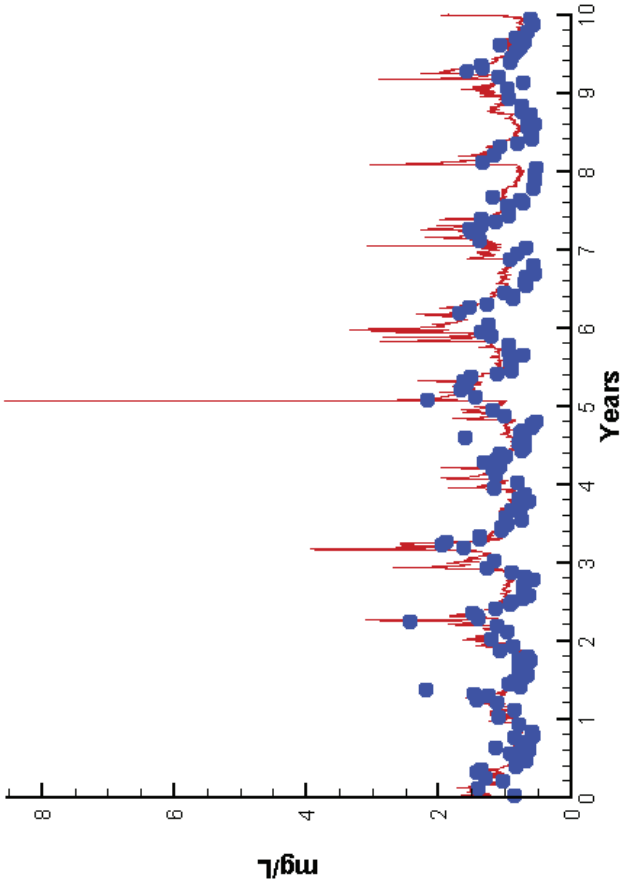


Station CB3.3C

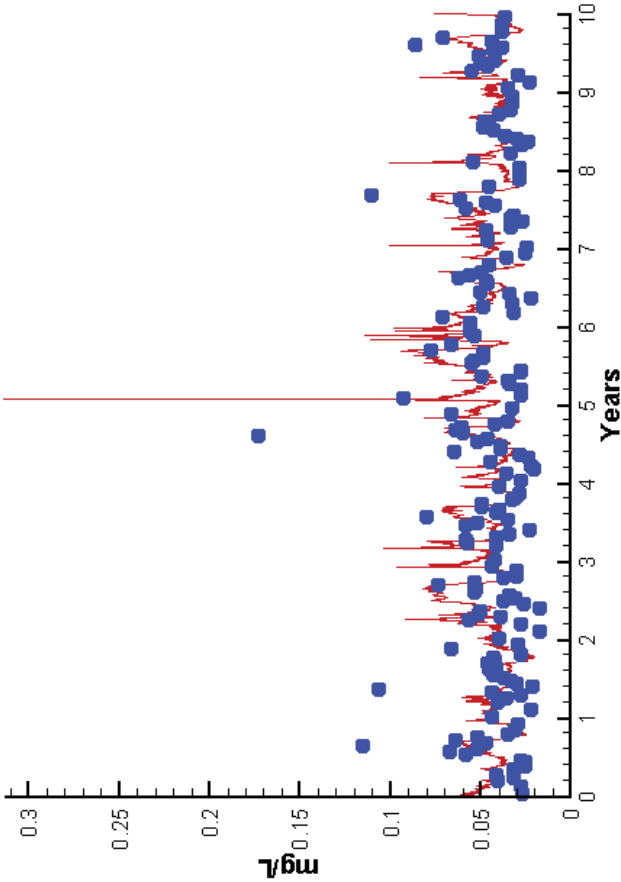
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB3.3C Surface



Run184 1991-2000
Total Phosphorus CB3.3C Surface



Mean Difference

Absolute Mean Difference

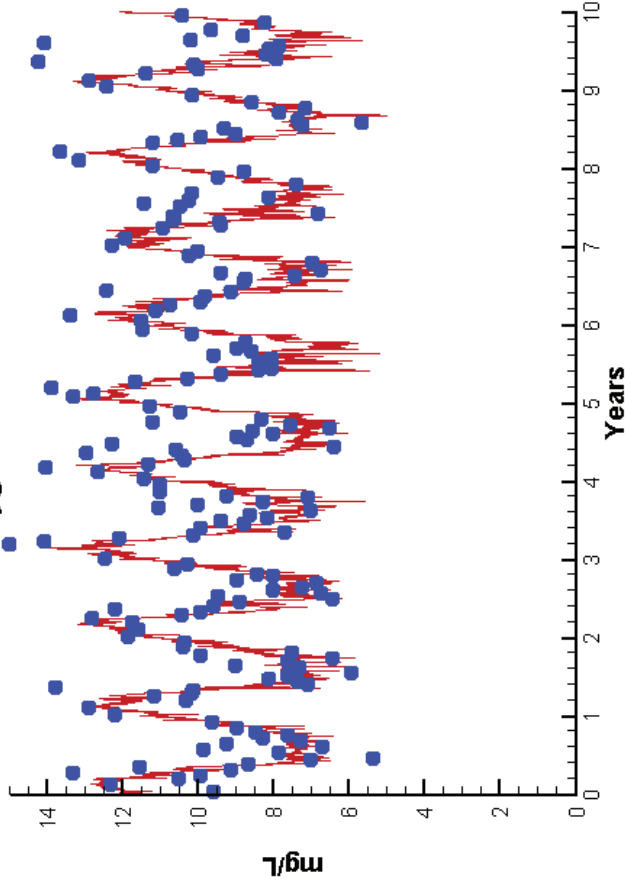
Chl
DIN
KE
DIP
TP
TN

-2.7274
-0.0705
0.2024
0.0070
0.0047
0.1641

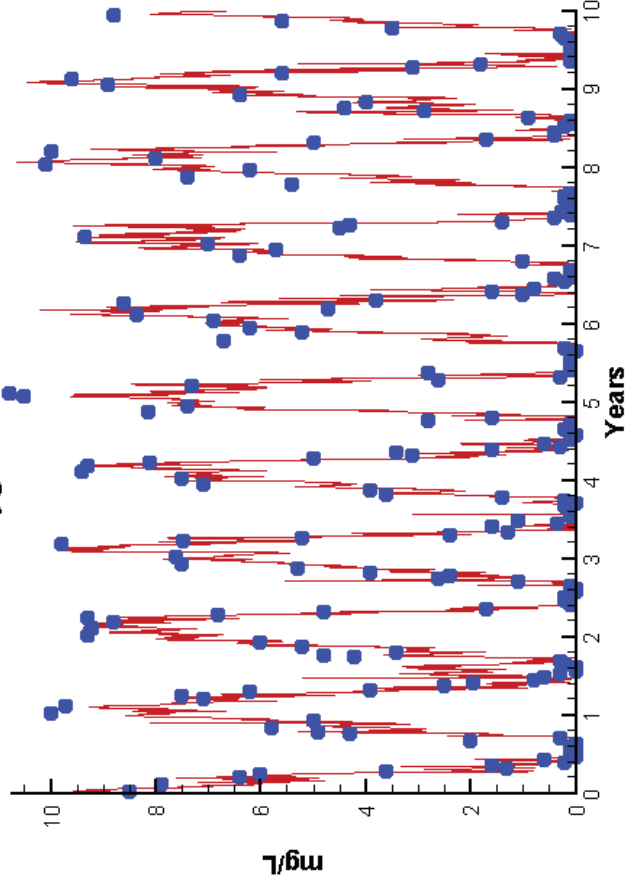
8.1450
0.1829
0.4851
0.0092
0.0147
0.2409

Station CB3.3C

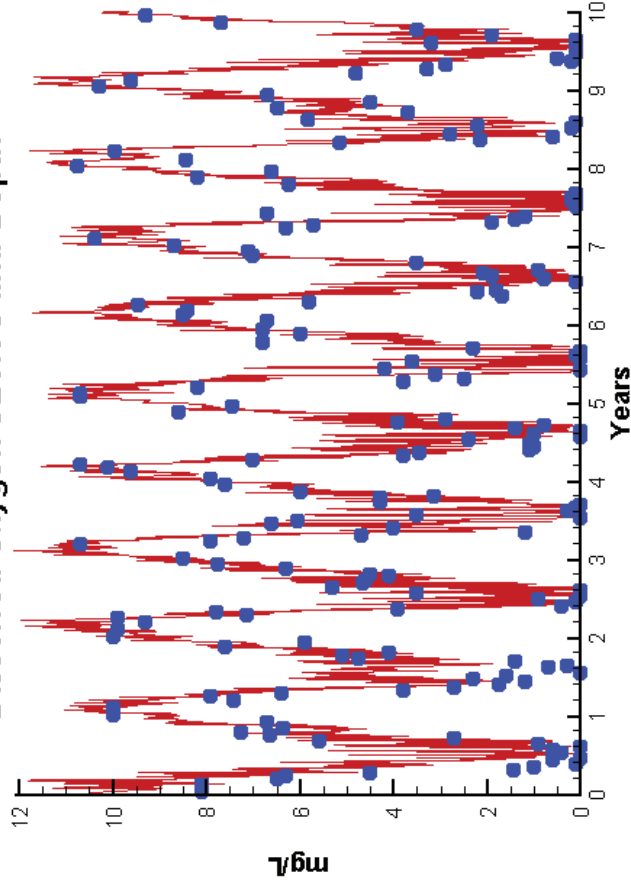
Run184 1991-2000
Dissolved Oxygen CB3.3C Surface



Run184 1991-2000
Dissolved Oxygen CB3.3C Bottom



Run184 1991-2000
Dissolved Oxygen CB3.3C Mid-Depth



Mean Difference

Absolute Mean Difference

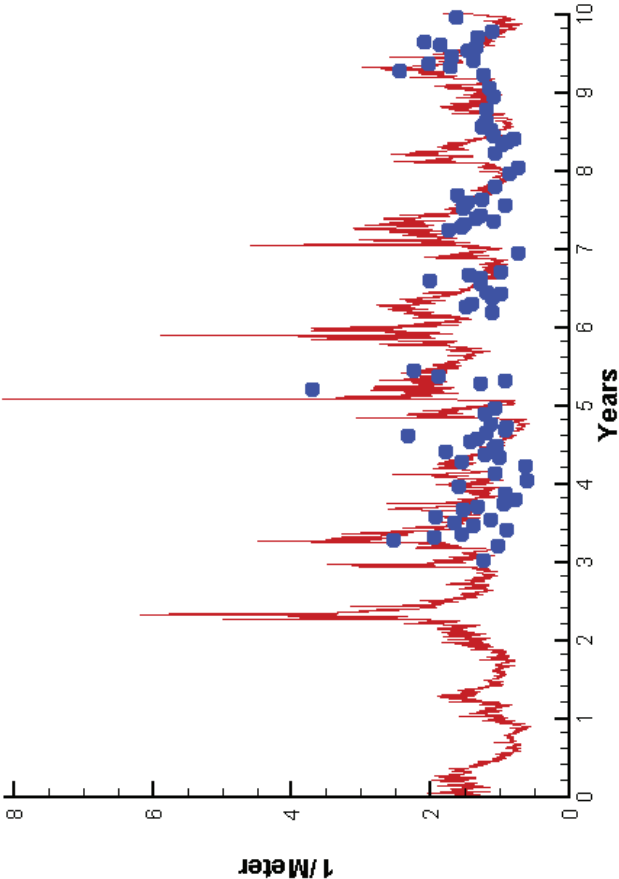
Top DO
Mid DO
Bot DO

-0.7432
0.9540
-0.5435

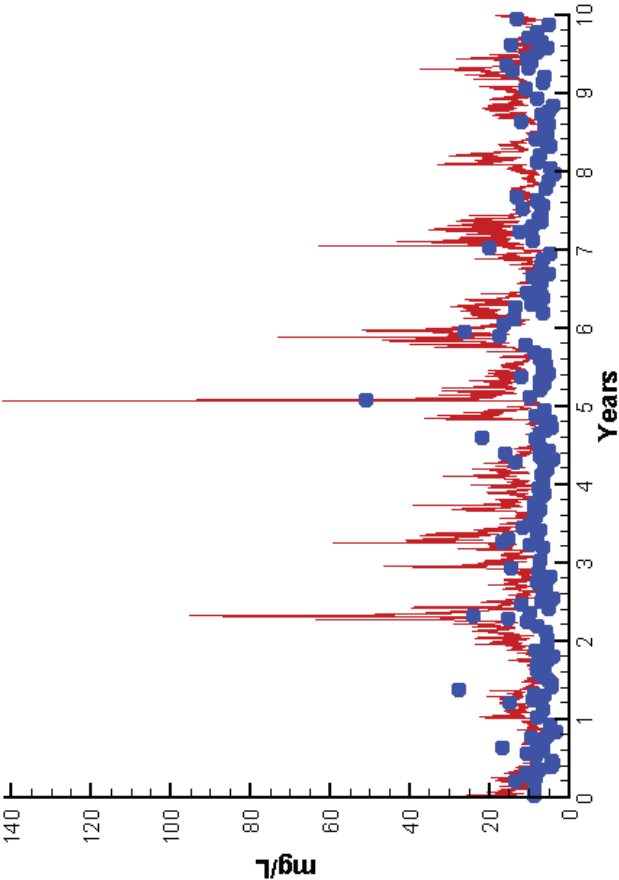
1.1145
1.4384
0.9636

Station CB3.3C

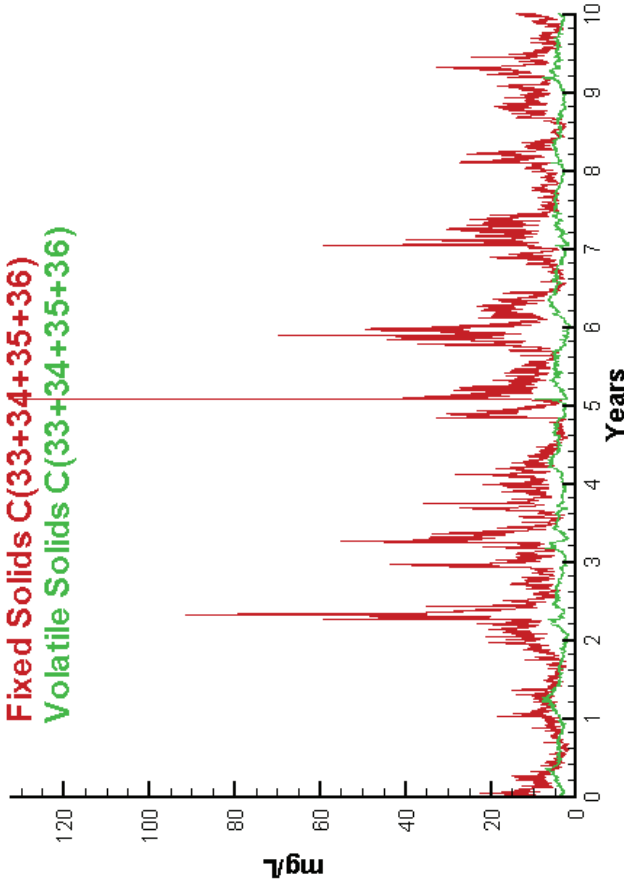
Run184 1991-2000
Light Extinction CB3.3C Surface



Run184 1991-2000
Total Solids CB3.3C Surface



Run184 1991-2000
Solids Surface

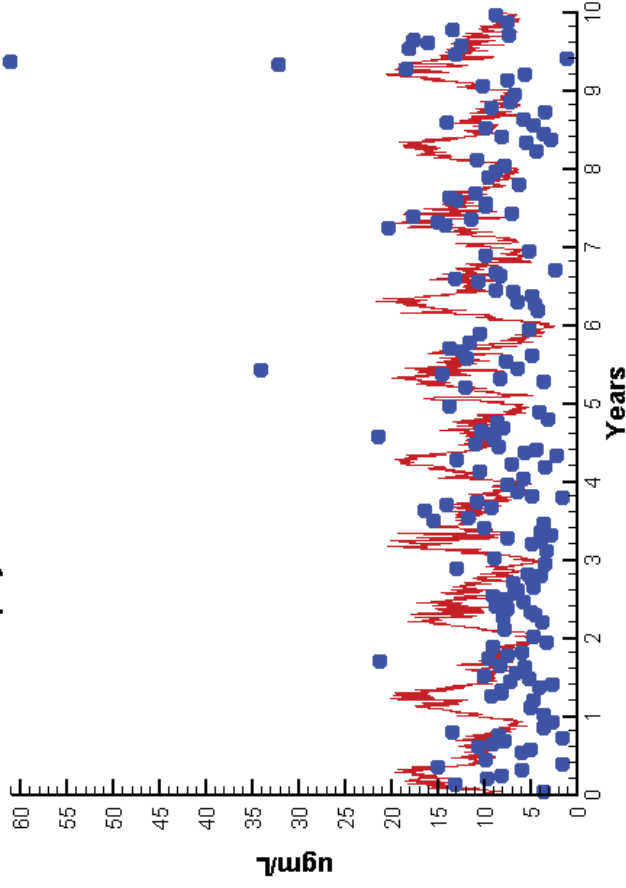


Mean Difference Absolute Mean Difference

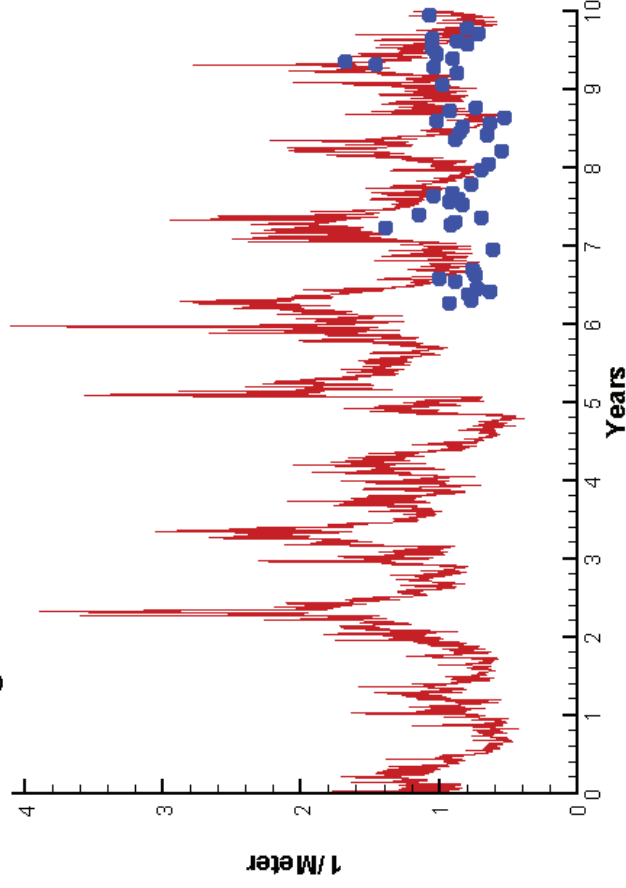
KE 0.2024 0.4851
TSS 5.6273 6.8148

Station CB4.2C

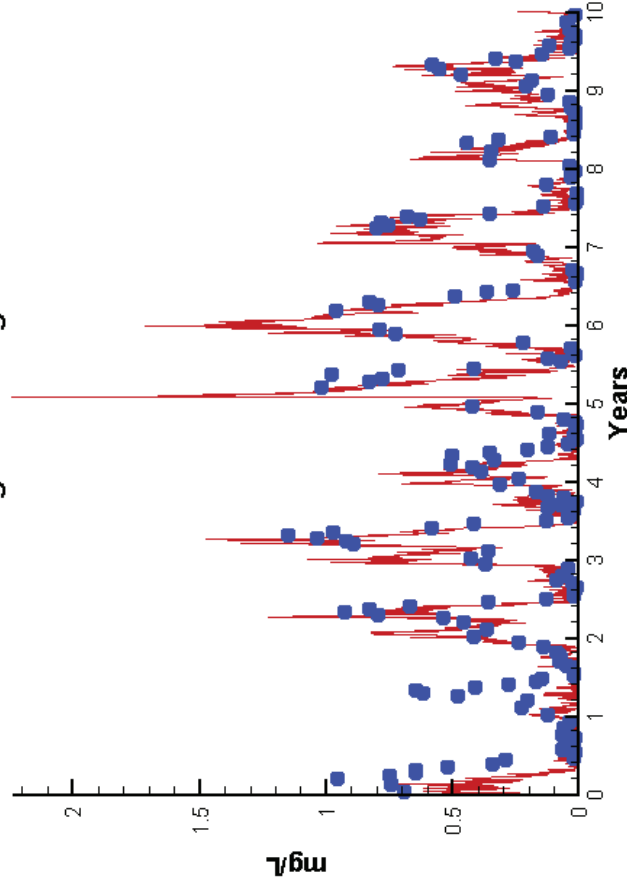
Run184 1991-2000
Chlorophyll CB4.2C Surface



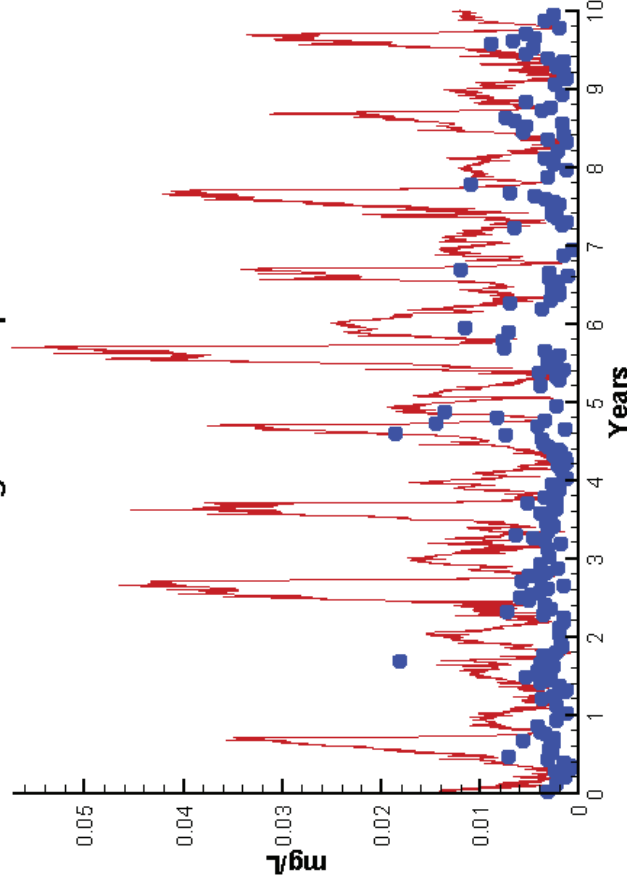
Run184 1991-2000
Light Extinction CB4.2C Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB4.2C Surface

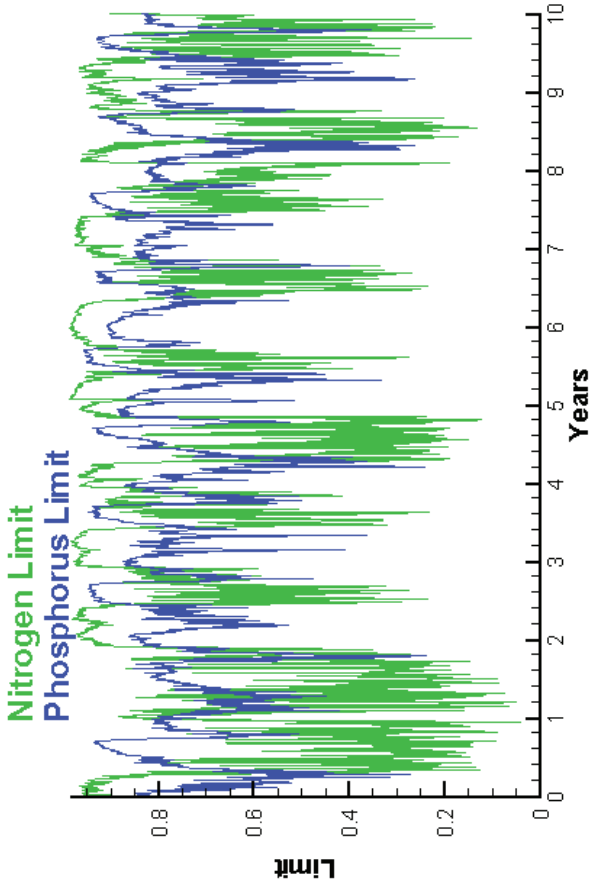


Run184 1991-2000
Dissolved Inorganic Phosphorus CB4.2C Surface

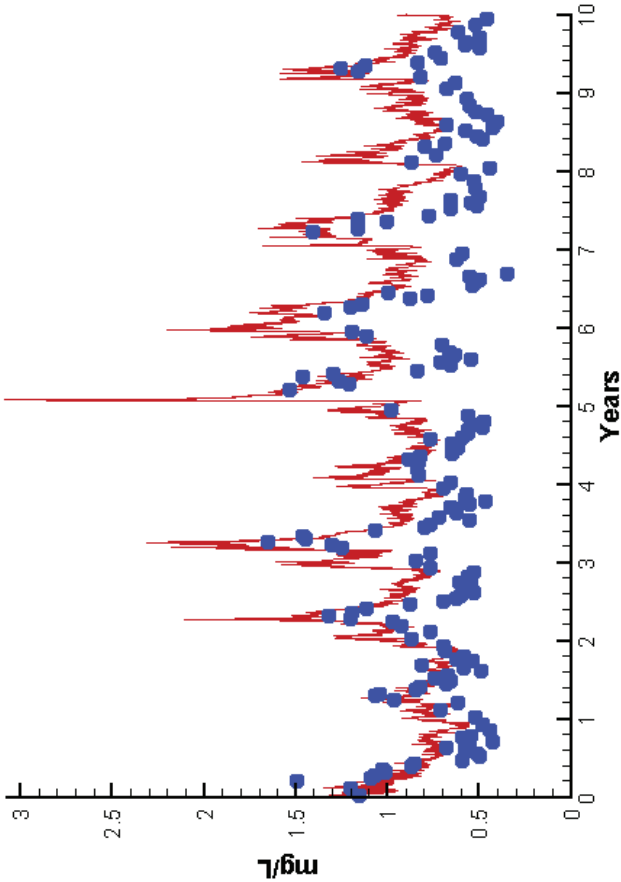


Station CB4.2C

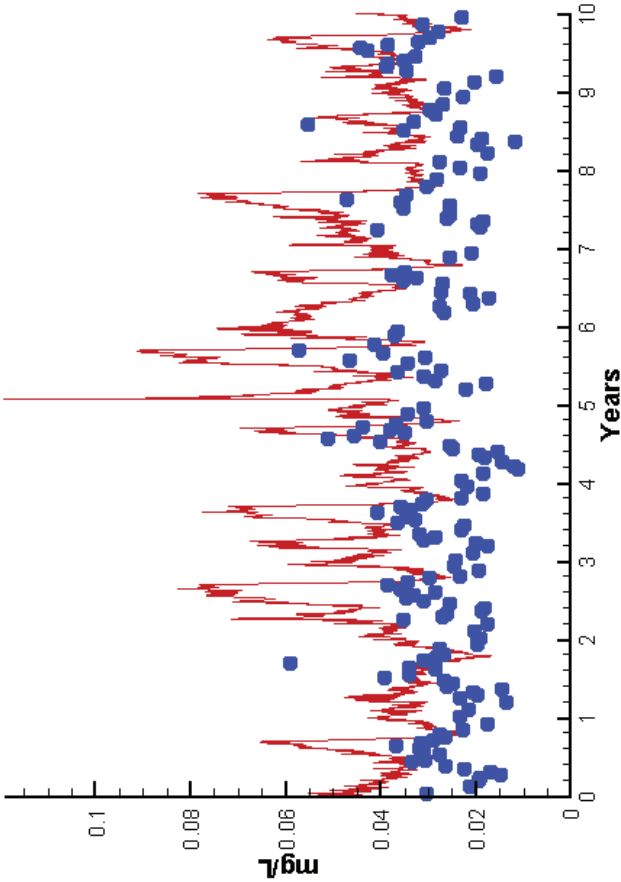
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB4.2C Surface



Run184 1991-2000
Total Phosphorus CB4.2C Surface



Mean Difference

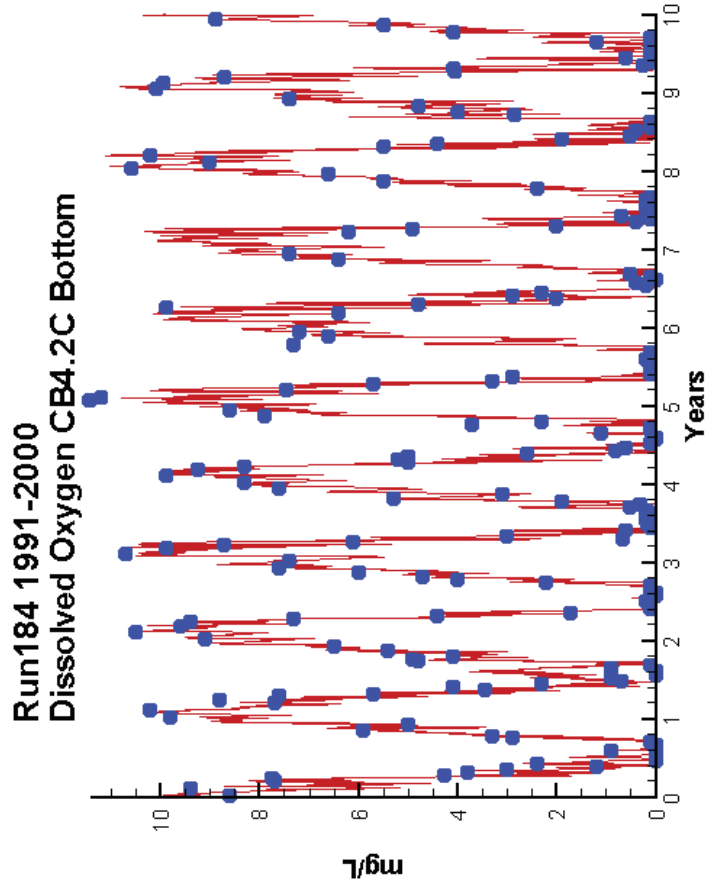
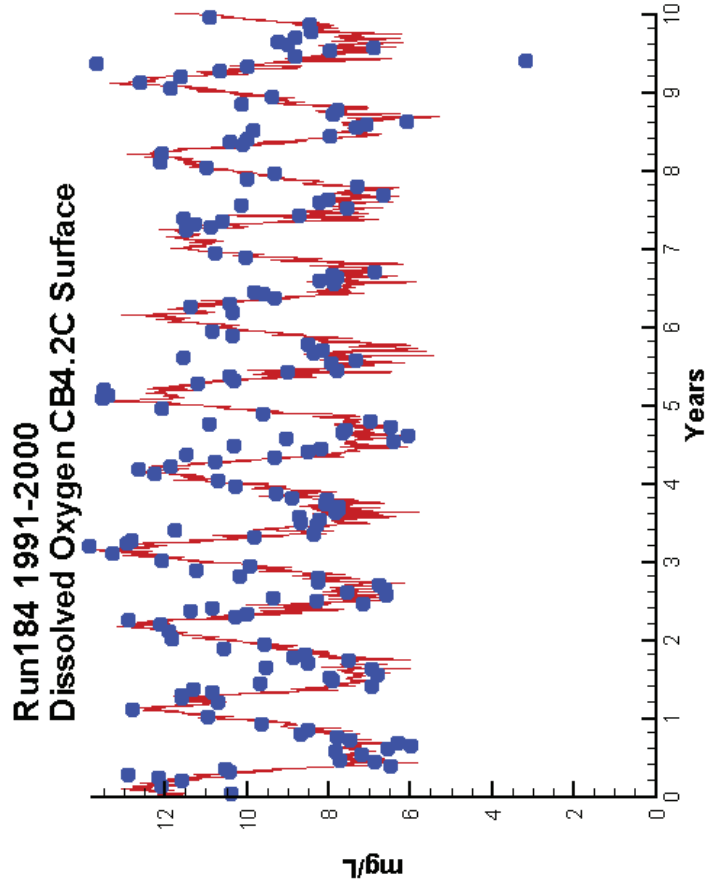
Absolute Mean Difference

Chl
DIN
KE
DIP
TP
TN

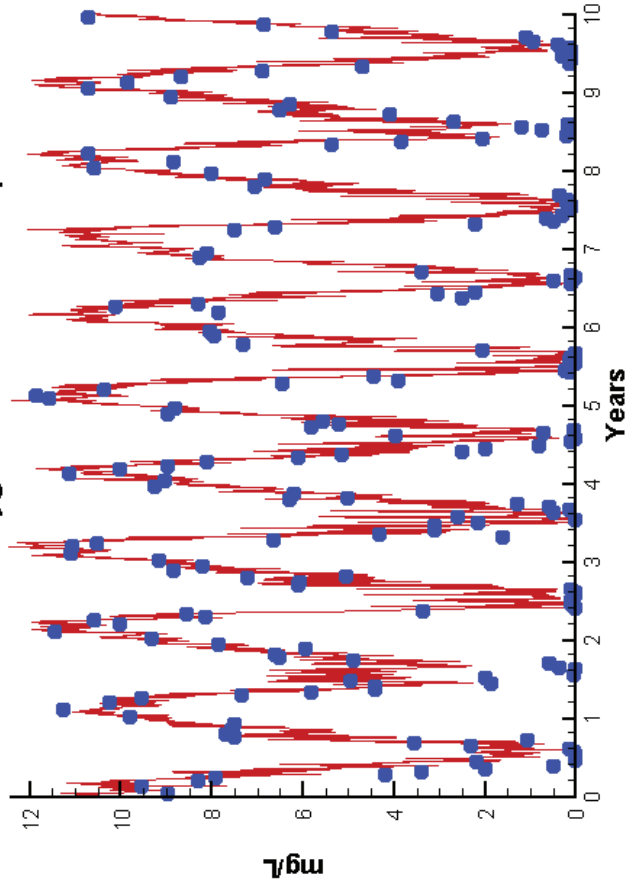
3.0001
-0.0676
0.3778
0.0099
0.0166
0.2259

5.5097
0.1386
0.4201
0.0102
0.0180
0.2493

Station CB4.2C



Run184 1991-2000
Dissolved Oxygen CB4.2C Mid-Depth



Mean Difference

Absolute Mean Difference

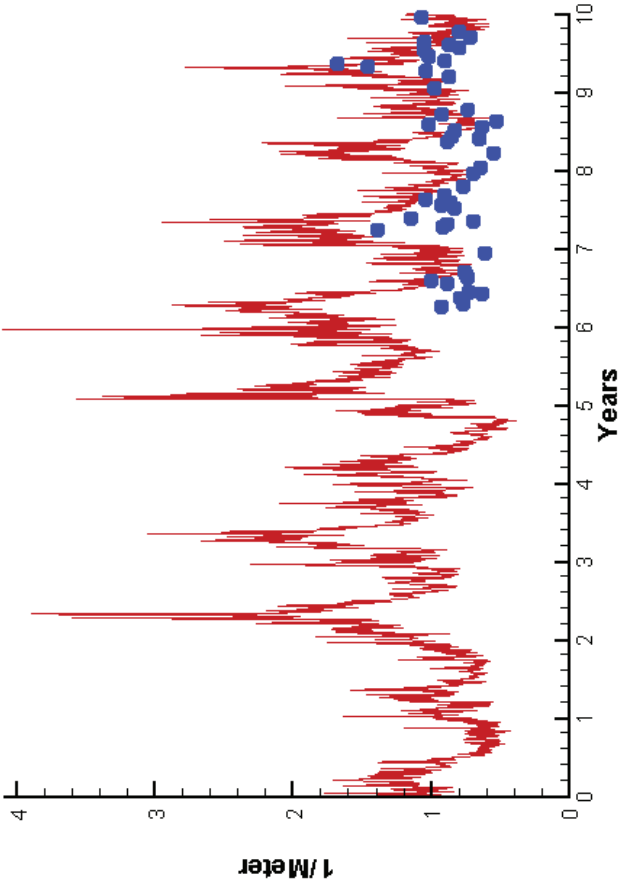
Top DO
Mid DO
Bot DO

-0.5558
1.0242
-0.3929

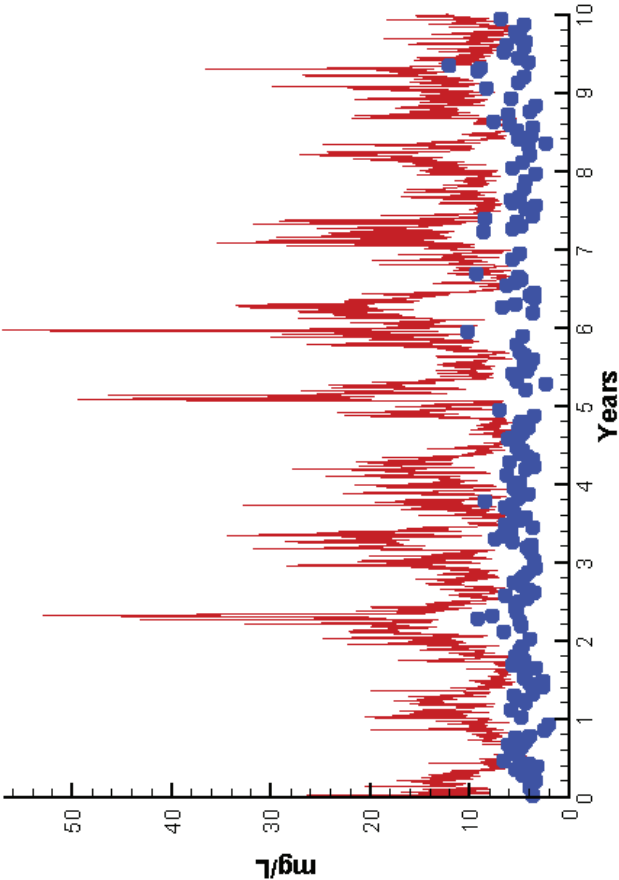
0.9104
1.4851
0.9321

Station CB4.2C

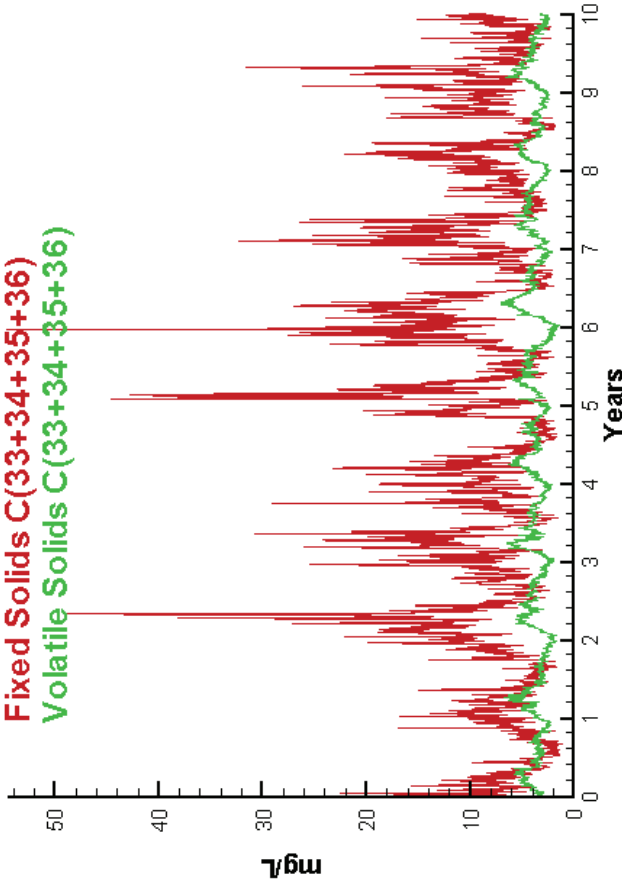
Run184 1991-2000
Light Extinction CB4.2C Surface



Run184 1991-2000
Total Solids CB4.2C Surface



Run184 1991-2000
Solids Surface

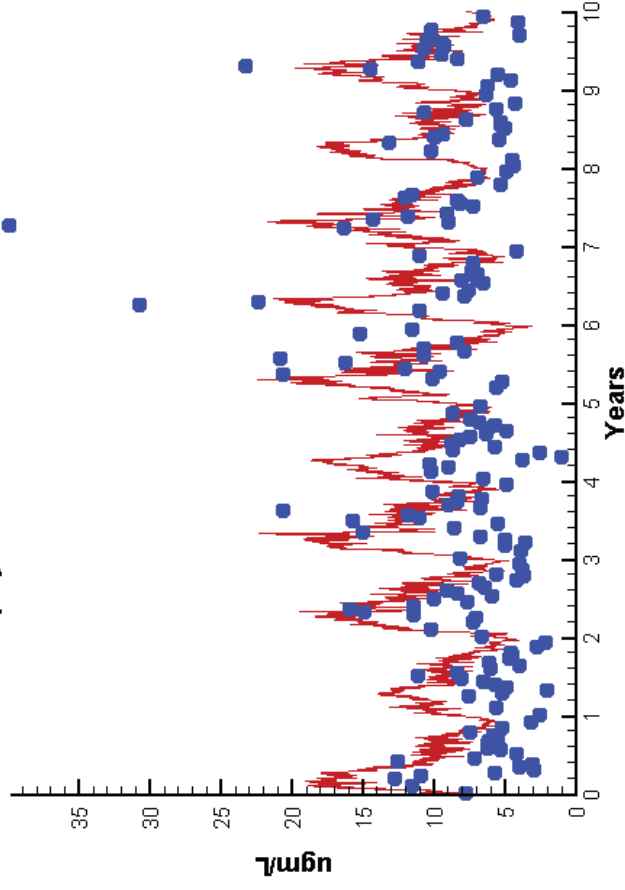


Mean Difference Absolute Mean Difference

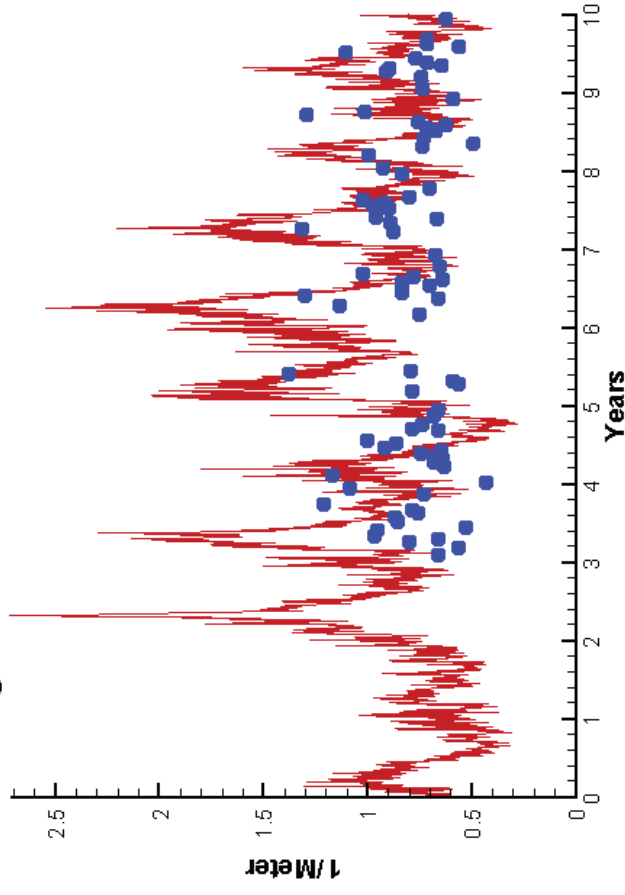
KE 0.3778 0.4201
TSS 6.7393 6.7998

Station CB5.2

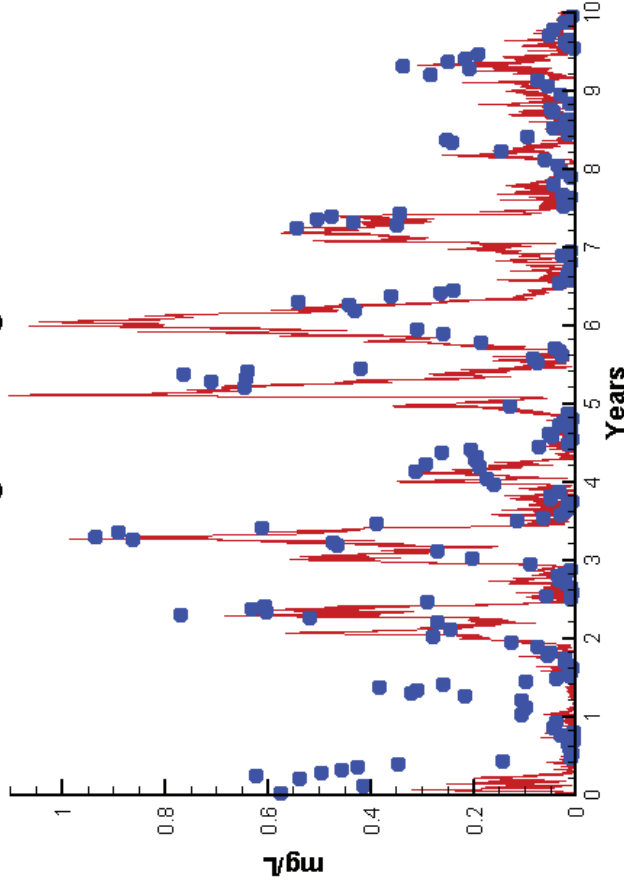
Run184 1991-2000
Chlorophyll CB5.2 Surface



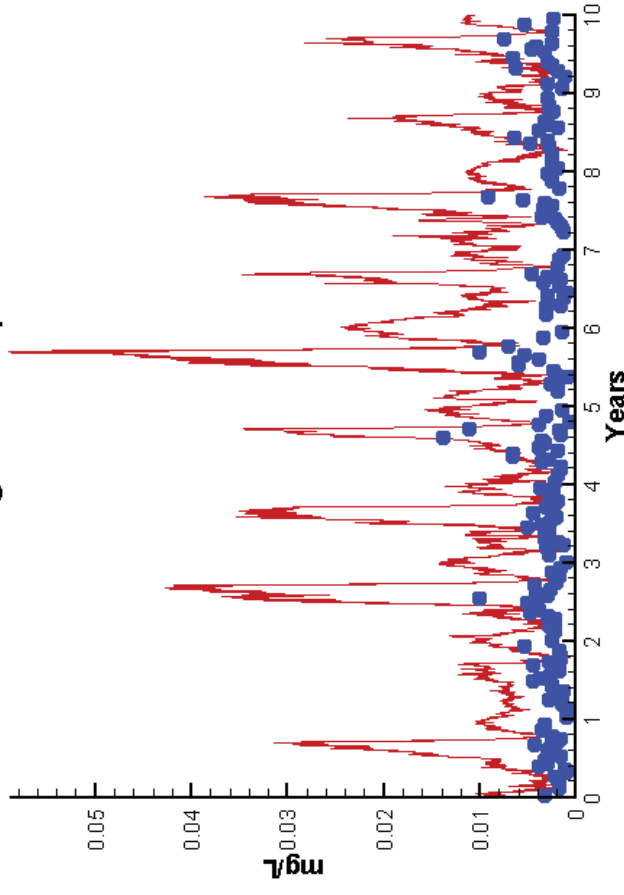
Run184 1991-2000
Light Extinction CB5.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB5.2 Surface

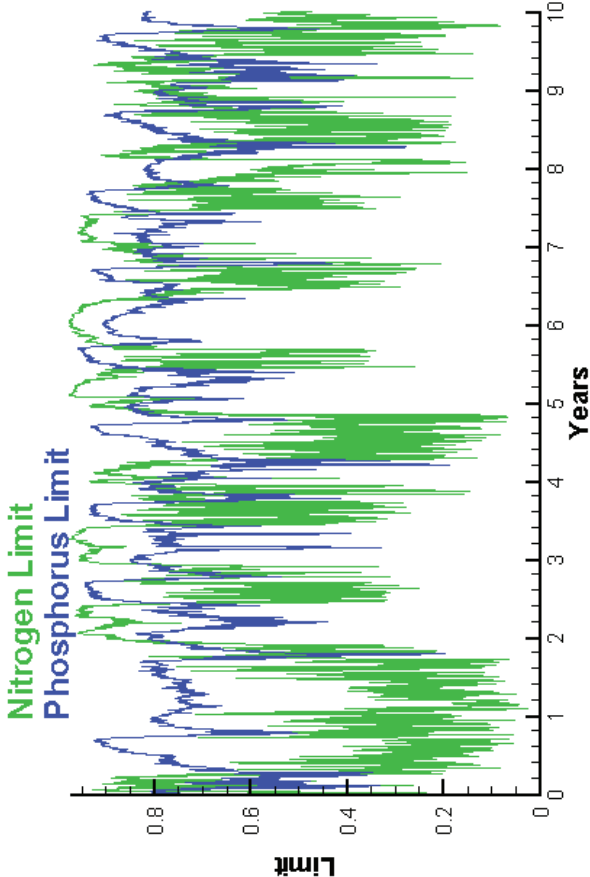


Run184 1991-2000
Dissolved Inorganic Phosphorus CB5.2 Surface

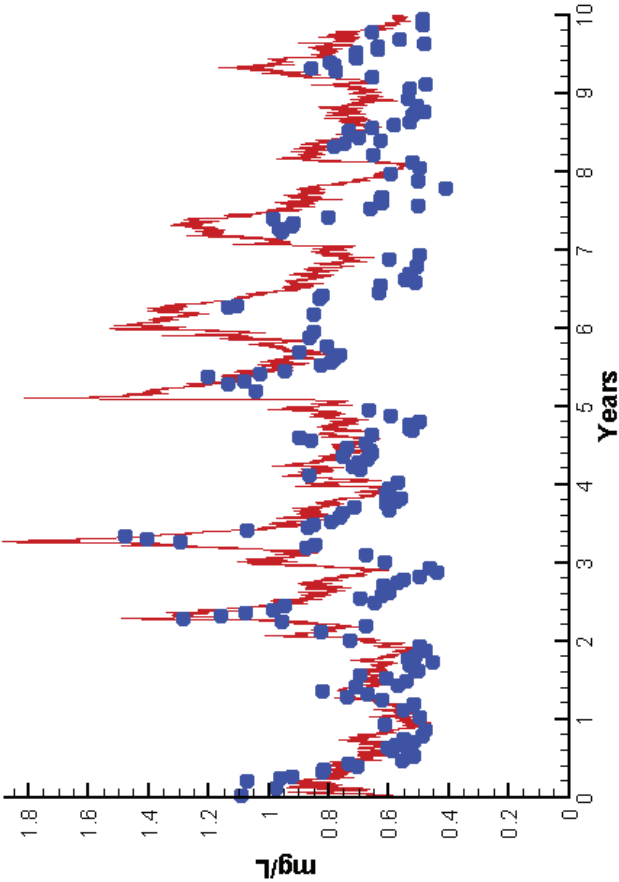


Station CB5.2

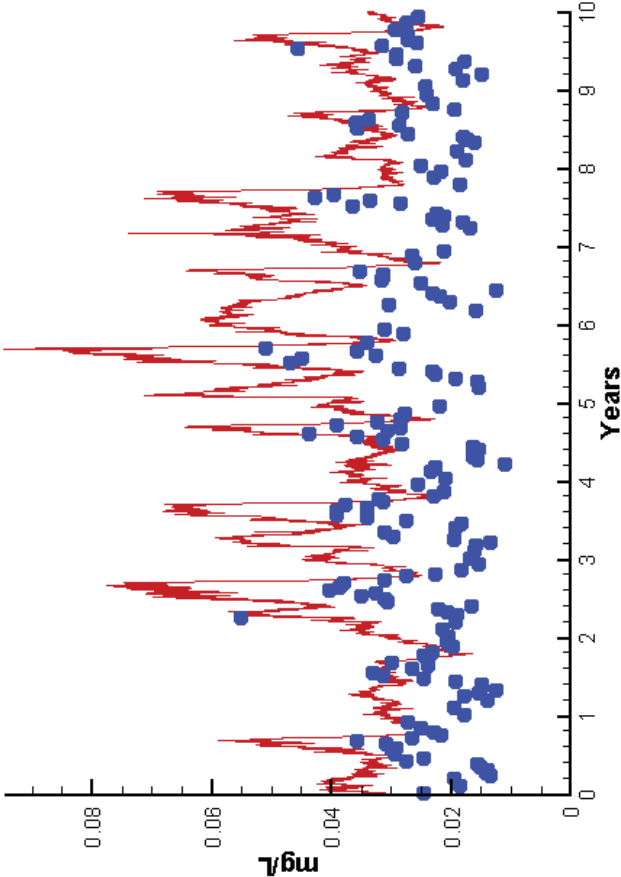
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB5.2 Surface



Run184 1991-2000
Total Phosphorus CB5.2 Surface



Mean Difference

Absolute Mean Difference

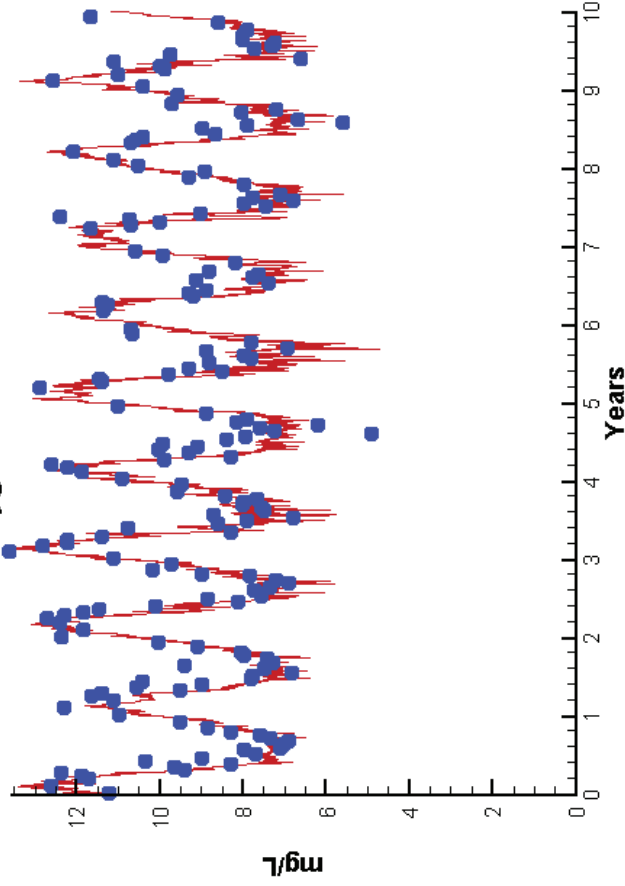
Chl
DIN
KE
DIP
TP
TN

3.1330
-0.0700
0.2420
0.0094
0.0156
0.1426

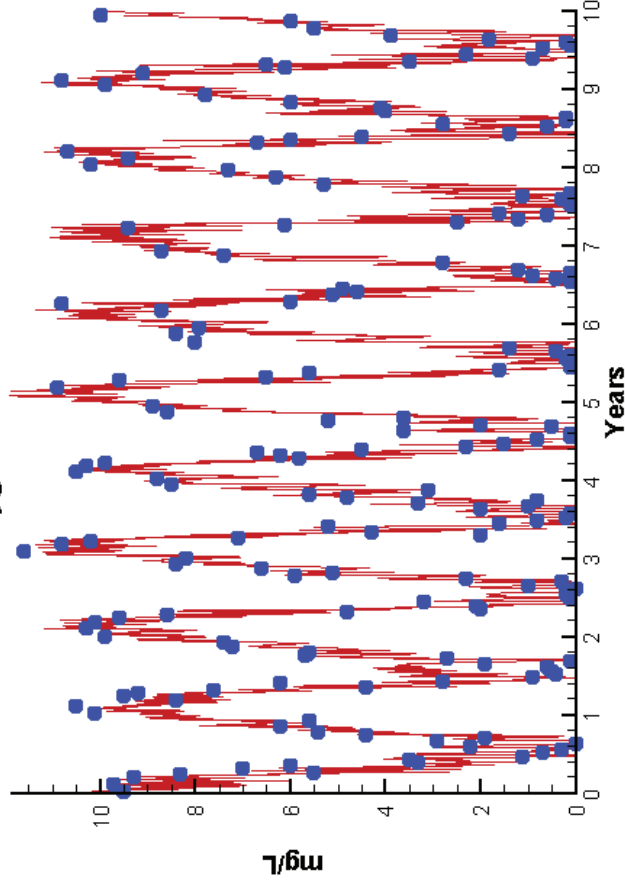
4.5012
0.1066
0.3578
0.0094
0.0163
0.1676

Station CB5.2

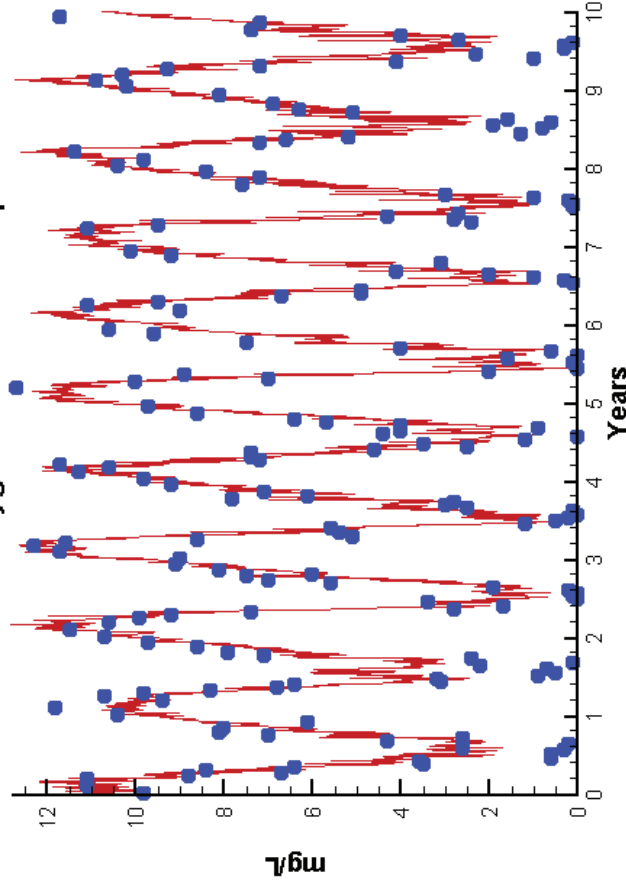
Run184 1991-2000
Dissolved Oxygen CB5.2 Surface



Run184 1991-2000
Dissolved Oxygen CB5.2 Bottom



Run184 1991-2000
Dissolved Oxygen CB5.2 Mid-Depth



Mean Difference

Absolute Mean Difference

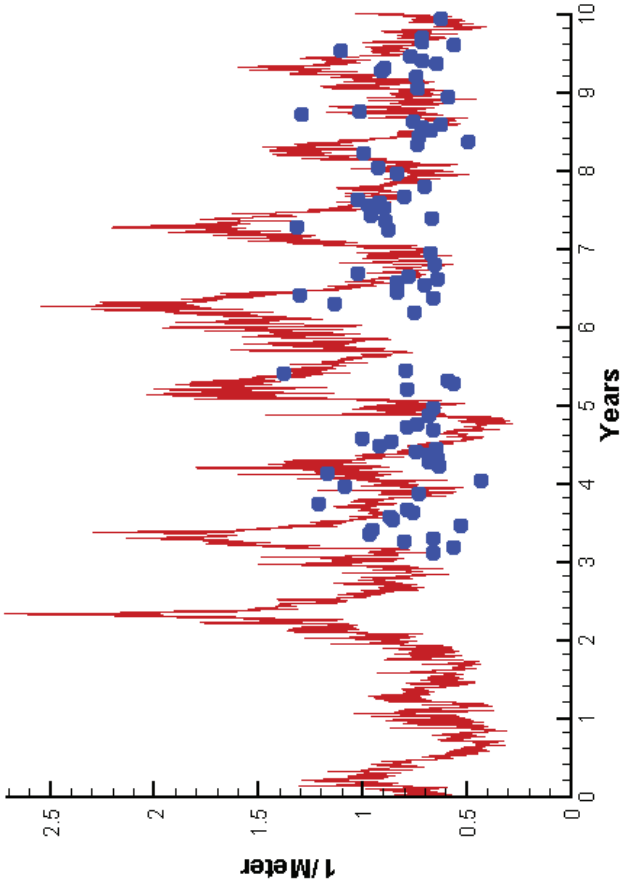
Top DO
Mid DO
Bot DO

-0.5740
0.5744
-0.3592

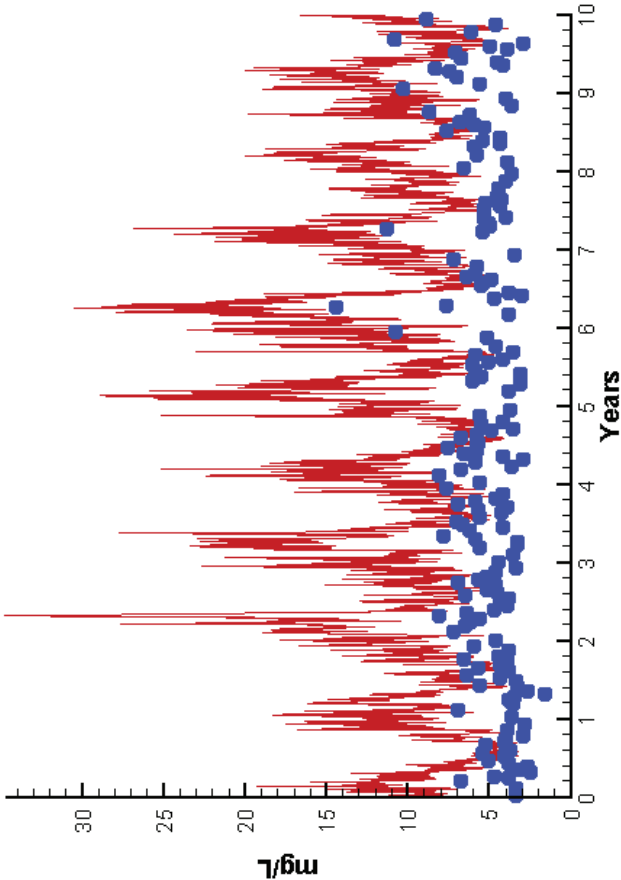
0.8108
1.3047
1.1580

Station CB5.2

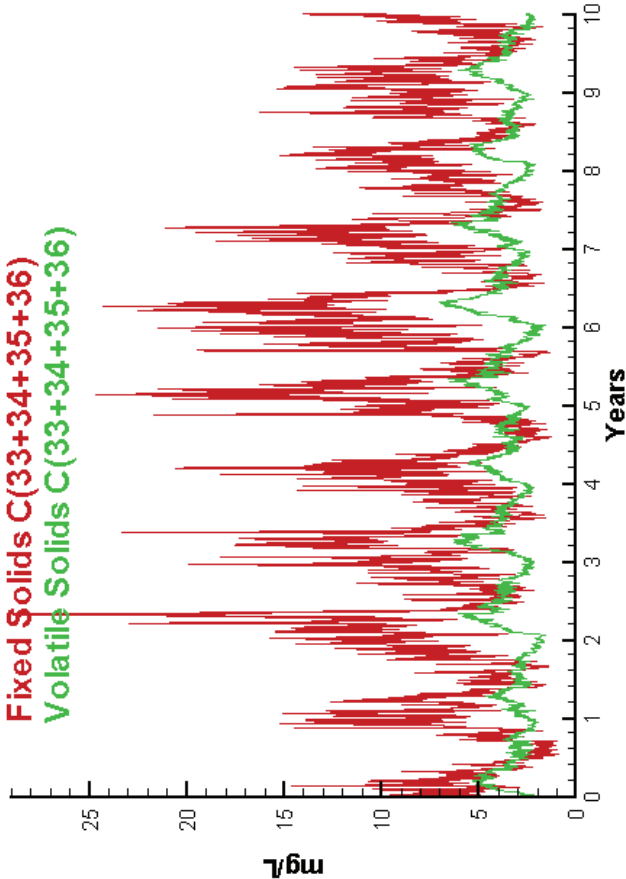
Run184 1991-2000
Light Extinction CB5.2 Surface



Run184 1991-2000
Total Solids CB5.2 Surface



Run184 1991-2000
Solids Surface

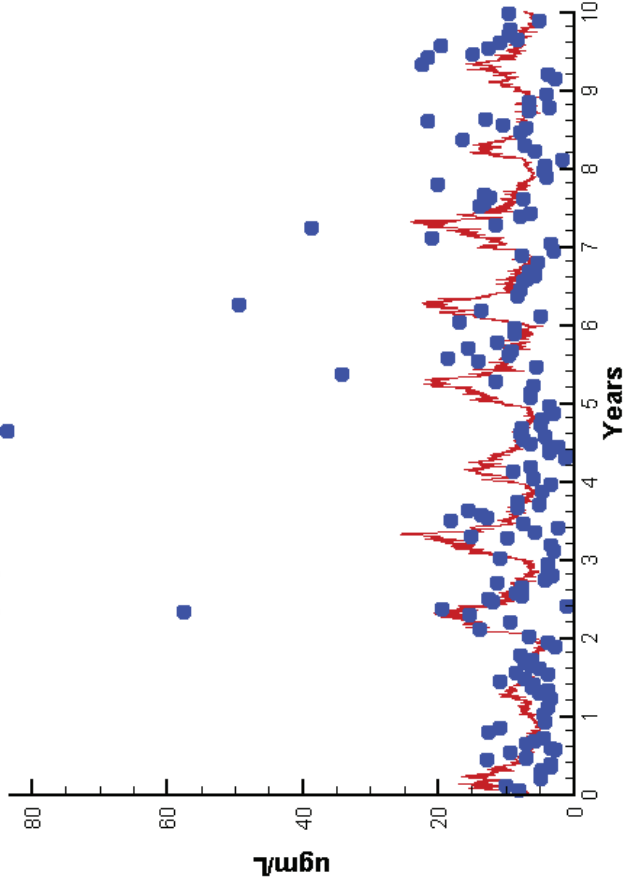


Mean Difference Absolute Mean Difference

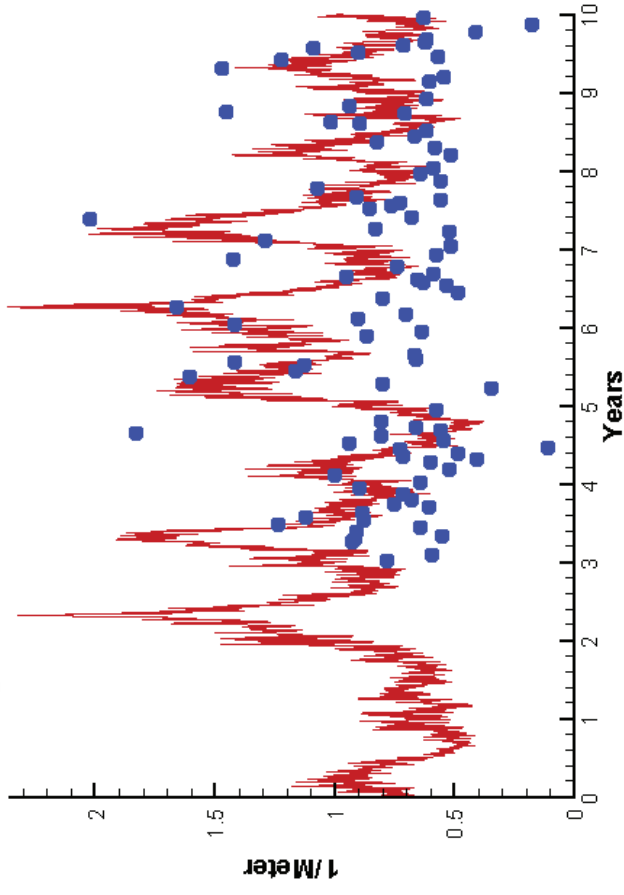
KE 0.2420 0.3578
TSS 5.3460 5.5330

Station CB6.1

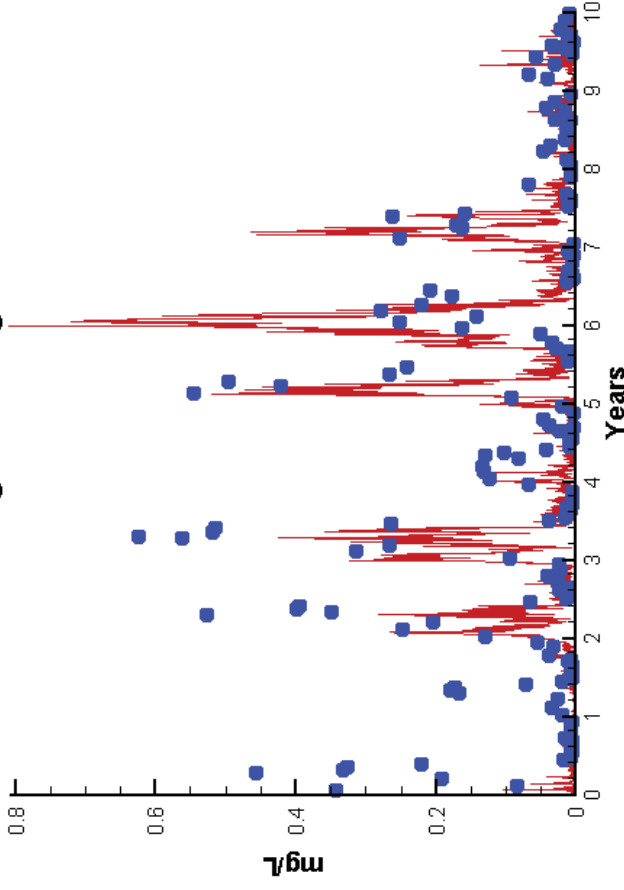
Run184 1991-2000
Chlorophyll CB6.1 Surface



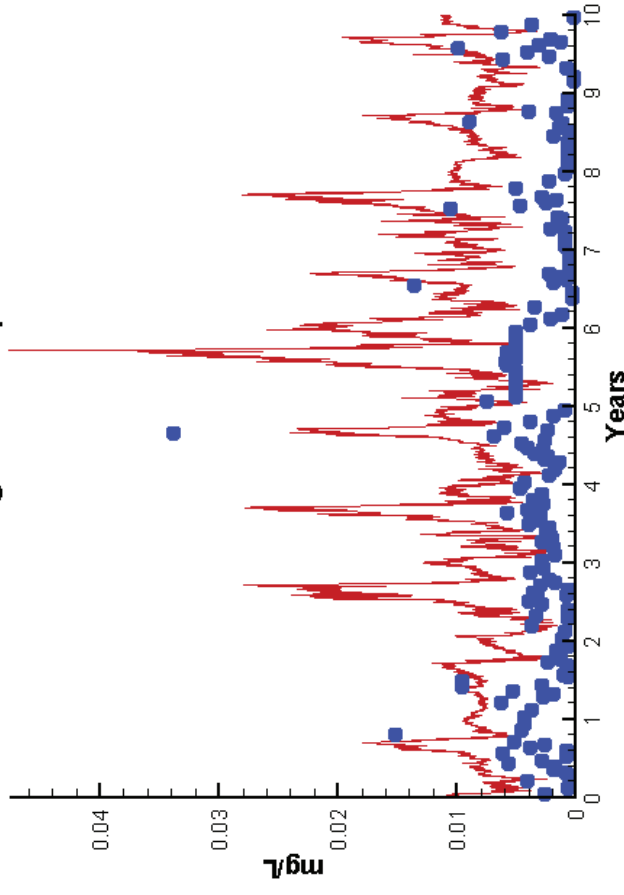
Run184 1991-2000
Light Extinction CB6.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB6.1 Surface

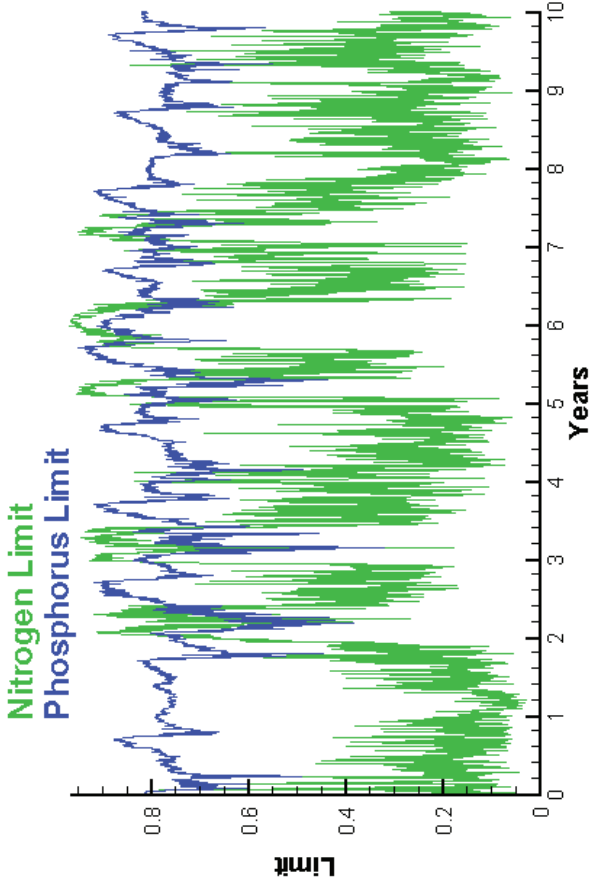


Run184 1991-2000
Dissolved Inorganic Phosphorus CB6.1 Surface

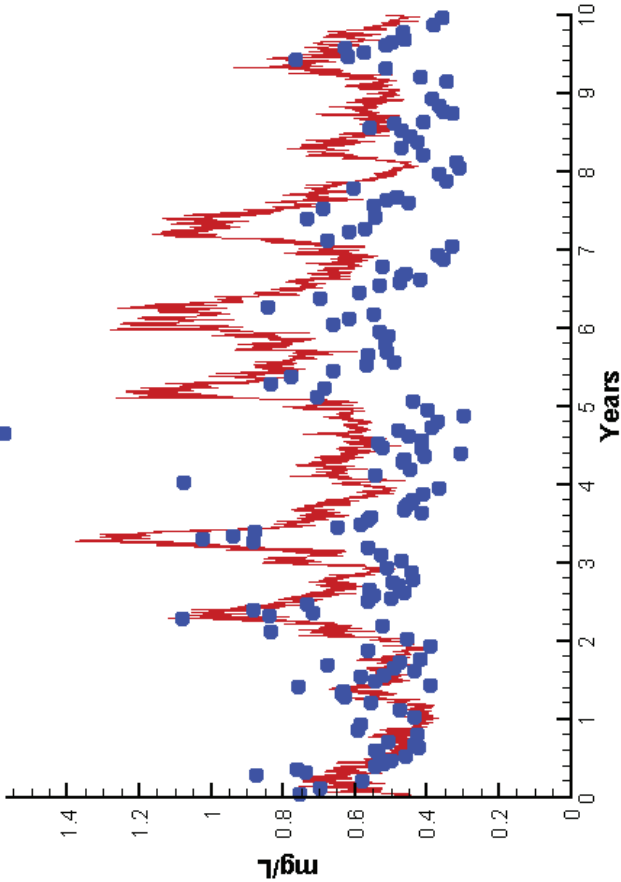


Station CB6.1

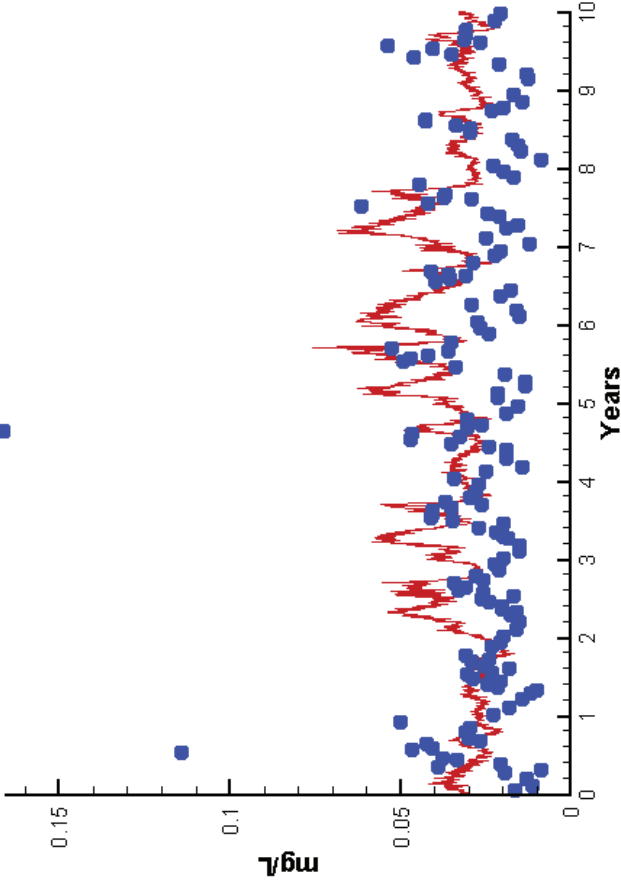
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB6.1 Surface



Run184 1991-2000
Total Phosphorus CB6.1 Surface



Mean Difference

Absolute Mean Difference

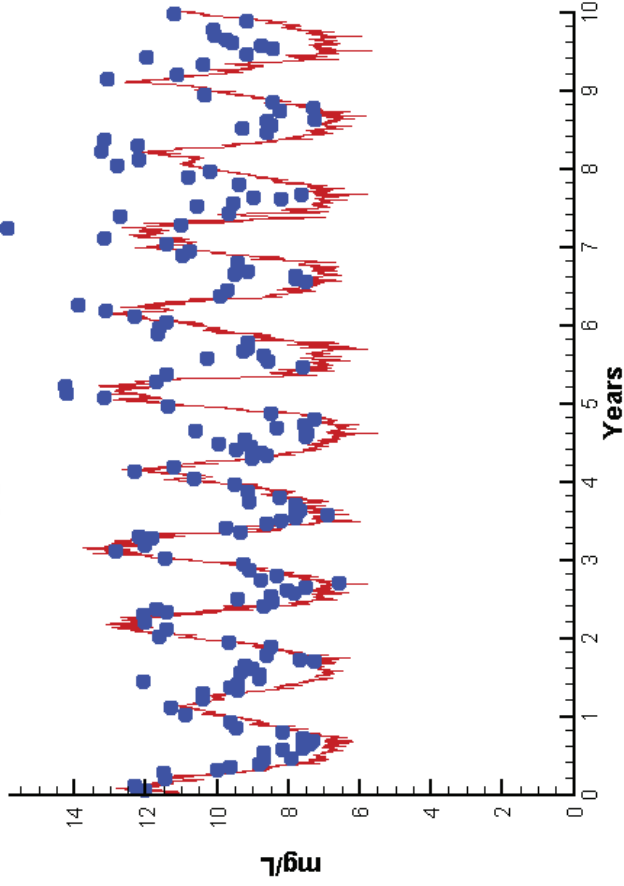
Chl
DIN
KE
DIP
TP
TN

0.1958
-0.0465
0.2103
0.0077
0.0080
0.1390

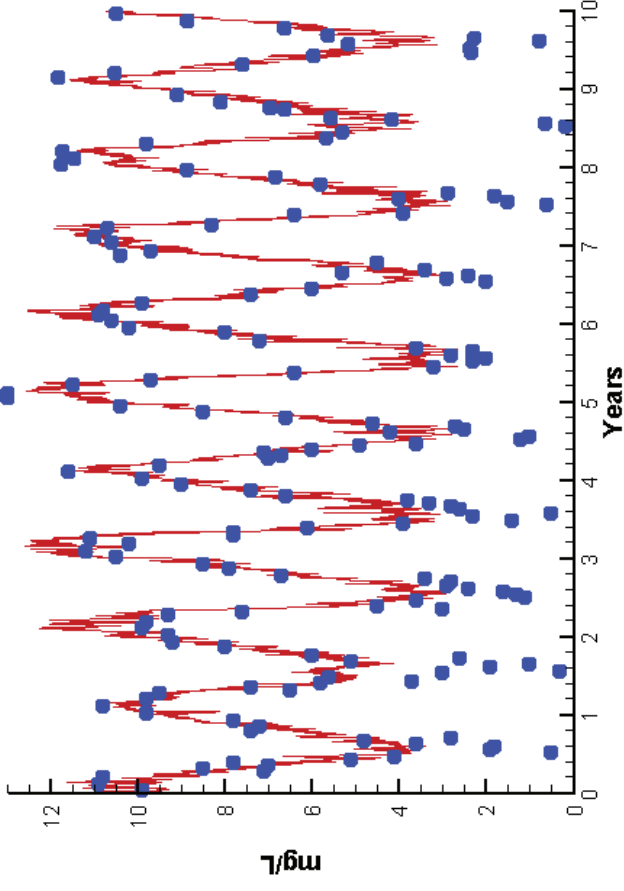
5.2726
0.0764
0.3406
0.0081
0.0148
0.1880

Station CB6.1

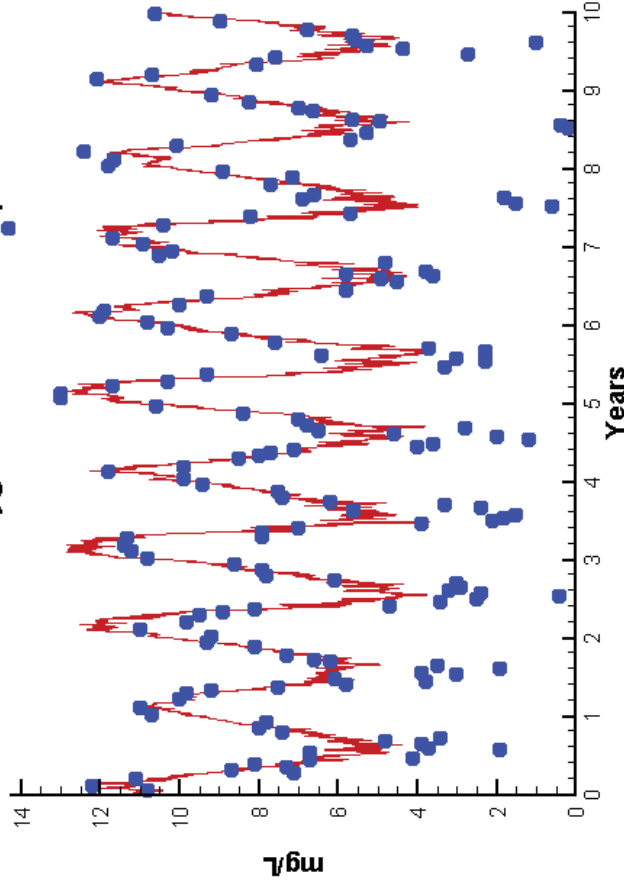
Run184 1991-2000
Dissolved Oxygen CB6.1 Surface



Run184 1991-2000
Dissolved Oxygen CB6.1 Bottom



Run184 1991-2000
Dissolved Oxygen CB6.1 Mid-Depth



Mean Difference

Absolute Mean Difference

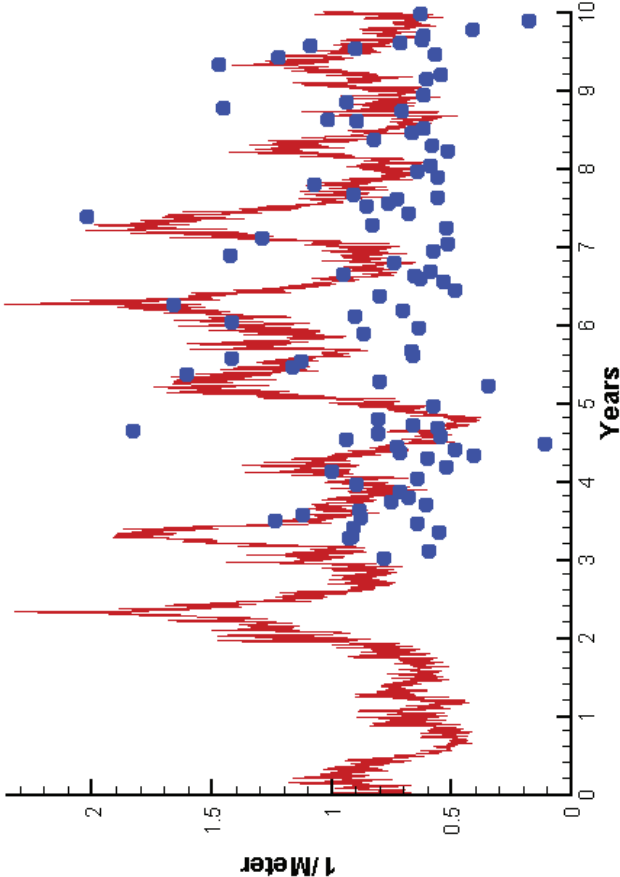
Top DO
Mid DO
Bot DO

-1.2094
0.7188
0.6375

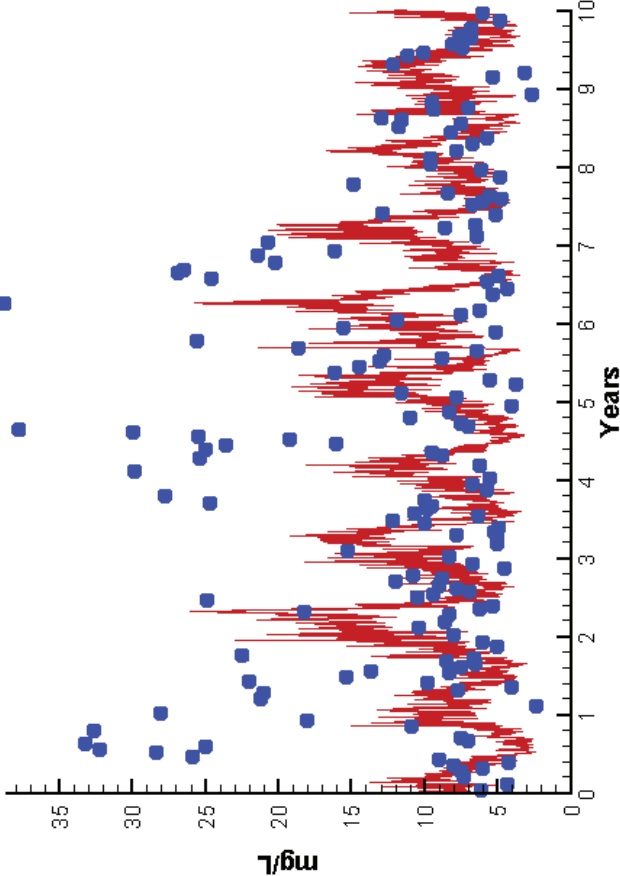
1.2612
1.2762
1.1782

Station CB6.1

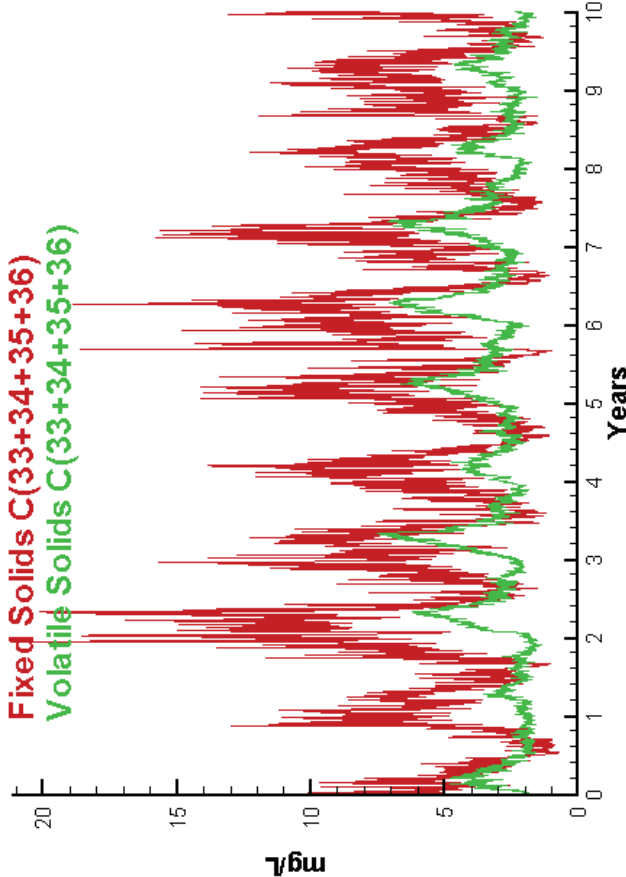
Run184 1991-2000
Light Extinction CB6.1 Surface



Run184 1991-2000
Total Solids CB6.1 Surface



Run184 1991-2000
Solids Surface



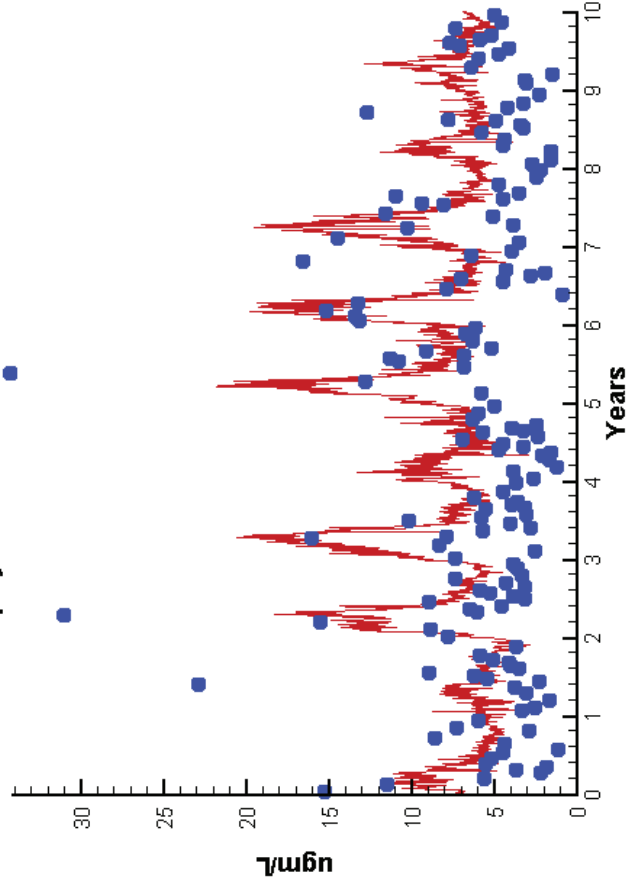
Mean Difference Absolute Mean Difference

KE 0.2103
TSS -3.3303

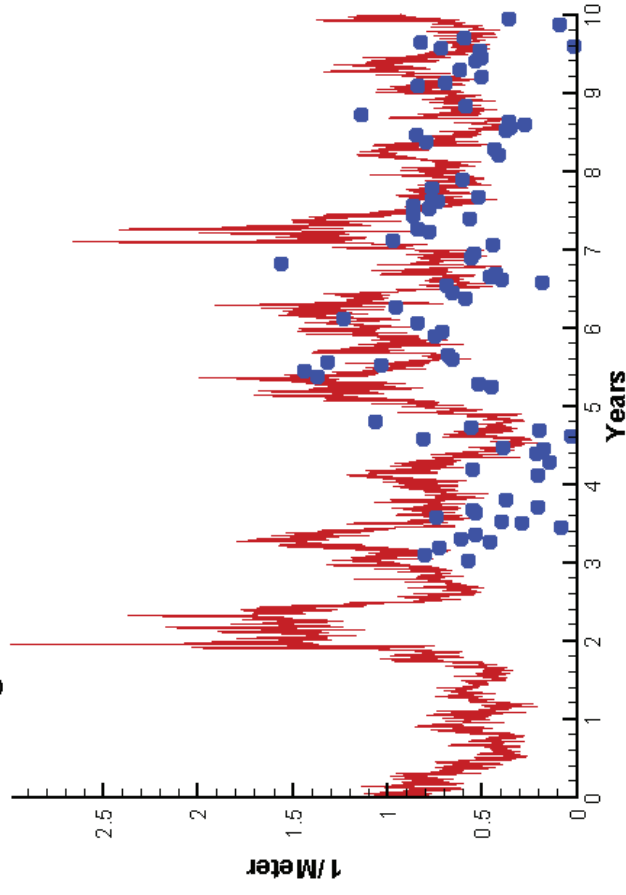
0.3406
7.1118

Station CB7.3

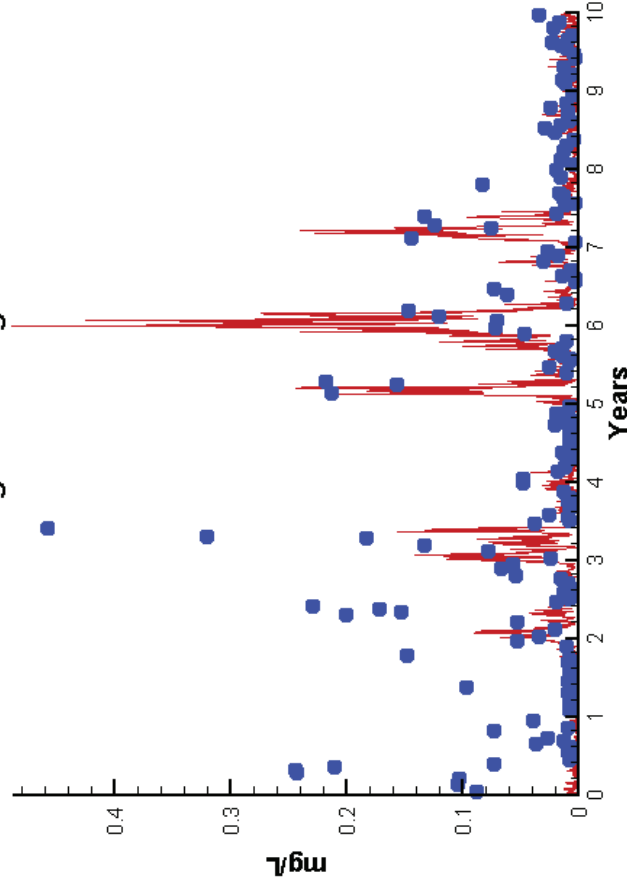
Run184 1991-2000
Chlorophyll CB7.3 Surface



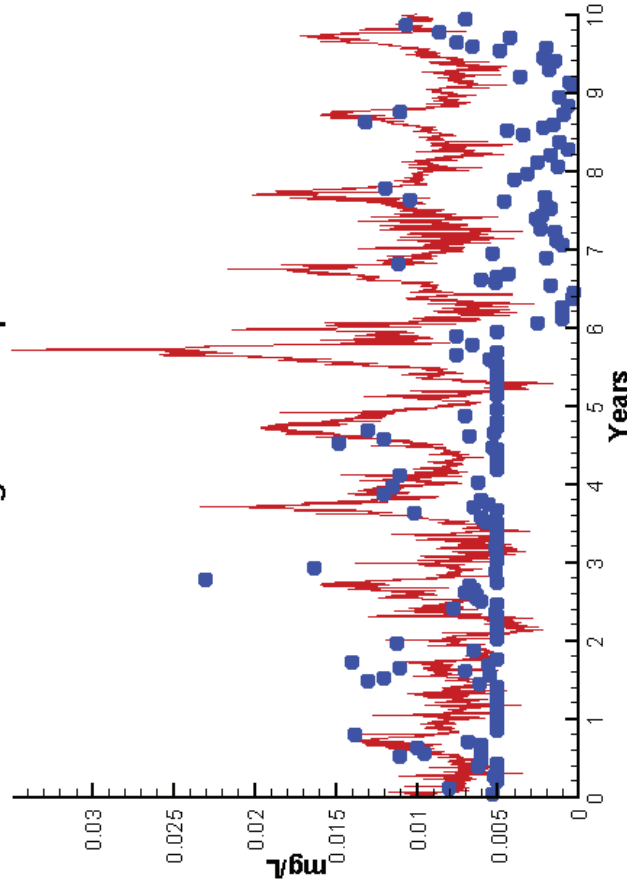
Run184 1991-2000
Light Extinction CB7.3 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB7.3 Surface

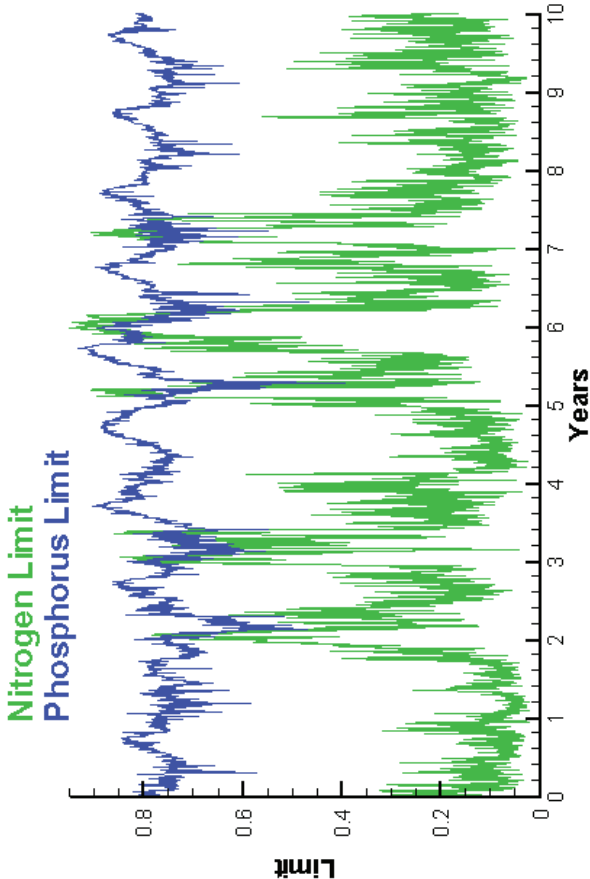


Run184 1991-2000
Dissolved Inorganic Phosphorus CB7.3 Surface

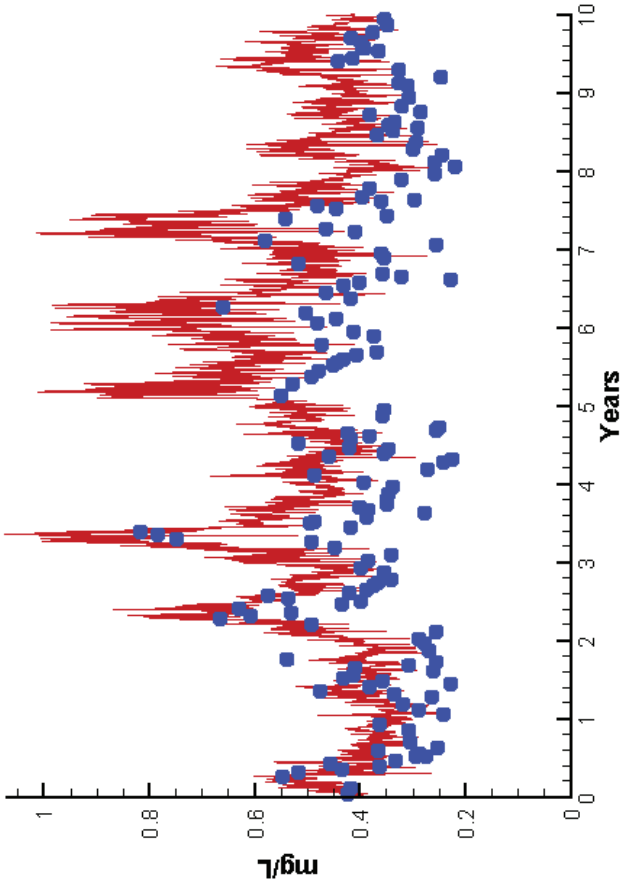


Station CB7.3

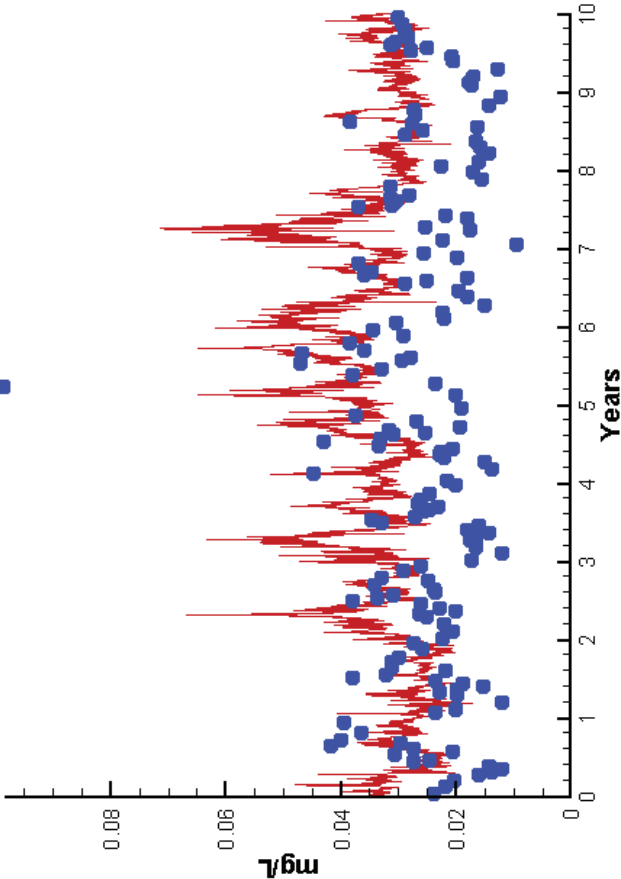
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB7.3 Surface



Run184 1991-2000
Total Phosphorus CB7.3 Surface



Mean Difference

Absolute Mean Difference

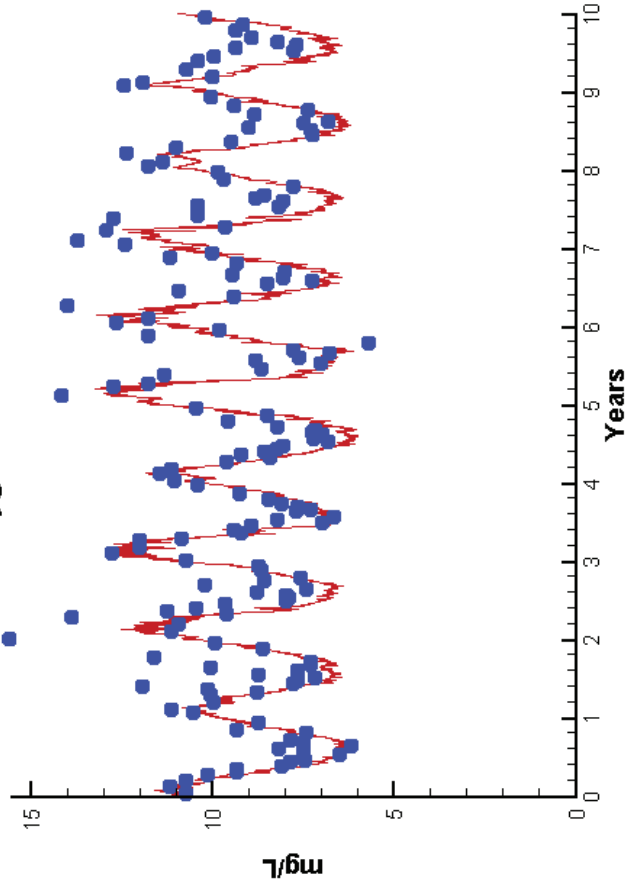
Chl
DIN
KE
DIP
TP
TN

1.9764
-0.0285
0.2192
0.0041
0.0077
0.1310

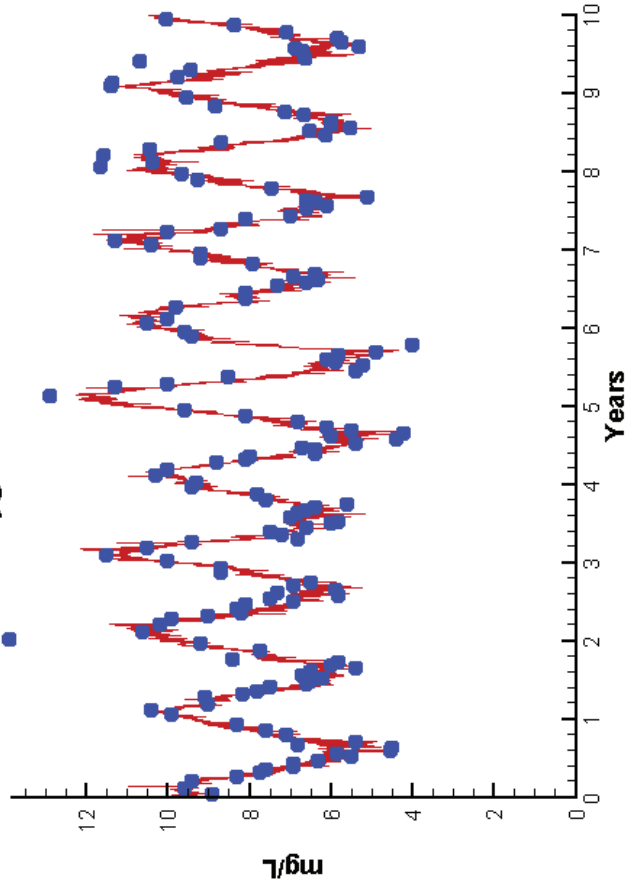
3.5618
0.0380
0.3385
0.0050
0.0109
0.1385

Station CB7.3

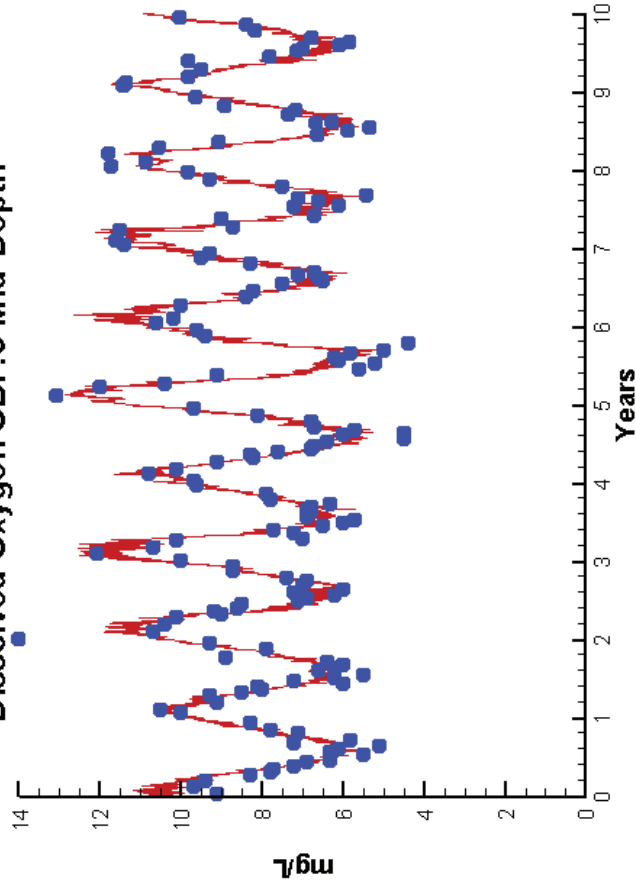
Run184 1991-2000
Dissolved Oxygen CB7.3 Surface



Run184 1991-2000
Dissolved Oxygen CB7.3 Bottom



Run184 1991-2000
Dissolved Oxygen CB7.3 Mid-Depth



Mean Difference

Absolute Mean Difference

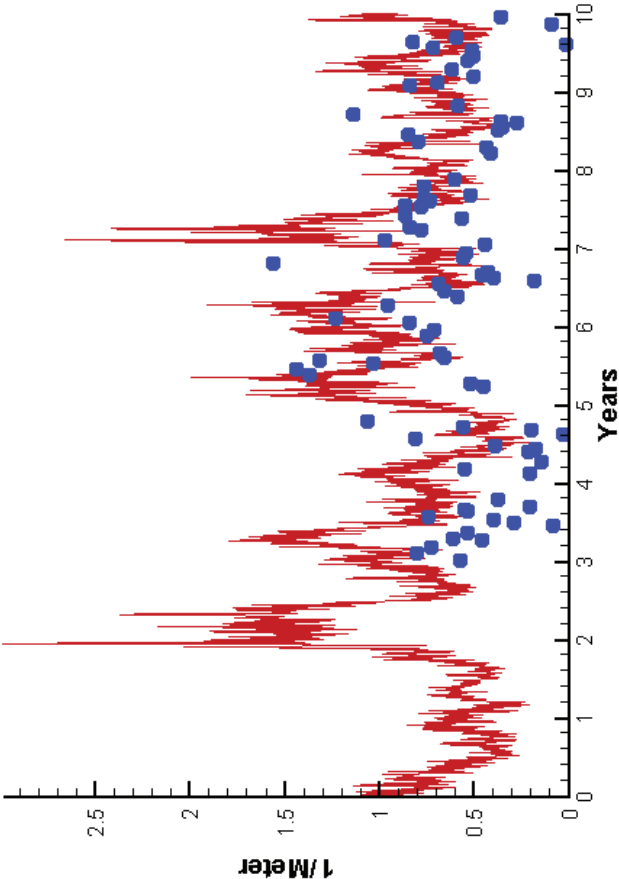
Top DO
Mid DO
Bot DO

-1.0200
0.0325
-0.1205

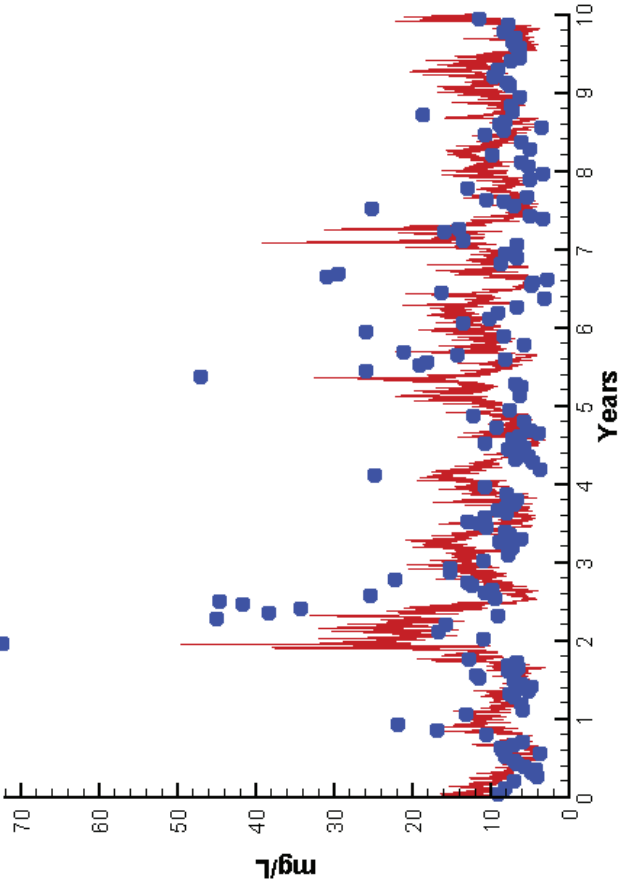
1.1380
0.5743
0.5627

Station CB7.3

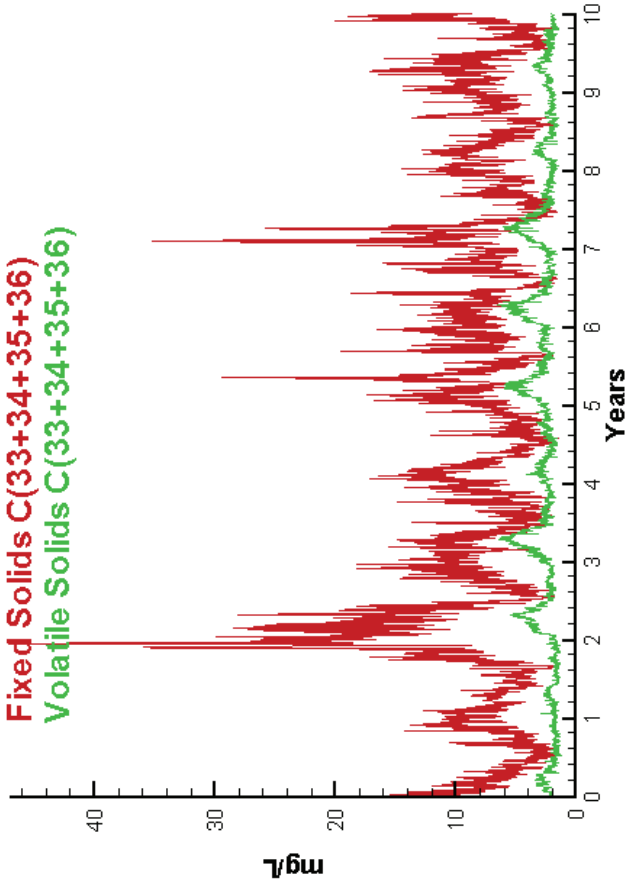
Run184 1991-2000
Light Extinction CB7.3 Surface



Run184 1991-2000
Total Solids CB7.3 Surface



Run184 1991-2000
Solids Surface



Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference

Absolute Mean Difference

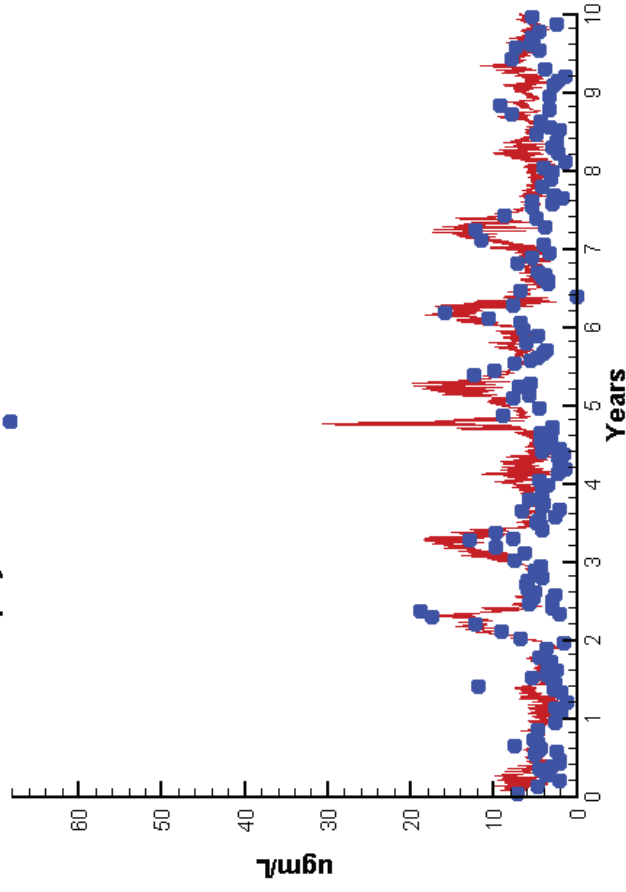
KE
TSS

0.2192
-1.7233

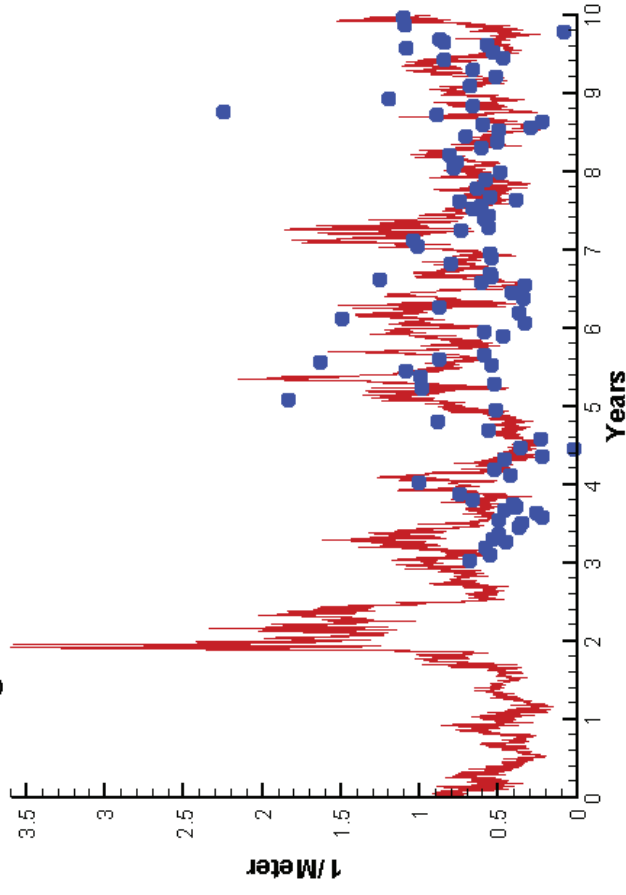
0.3385
5.5560

Station CB7.4

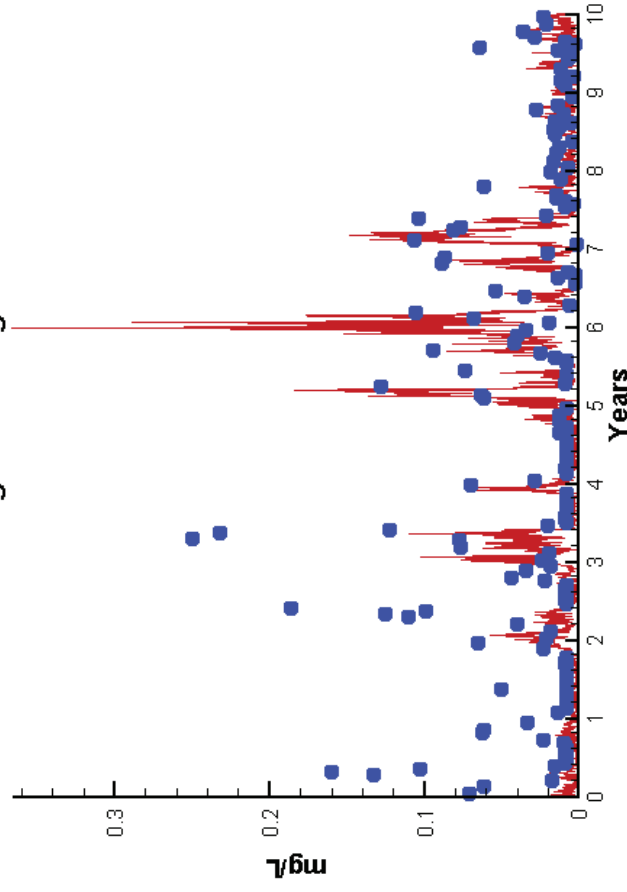
Run184 1991-2000
Chlorophyll CB7.4 Surface



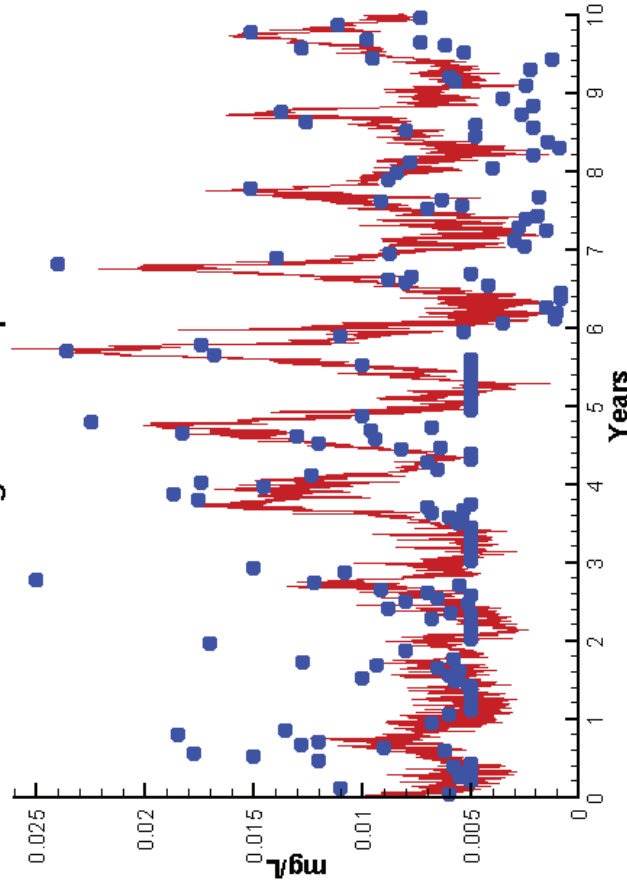
Run184 1991-2000
Light Extinction CB7.4 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB7.4 Surface

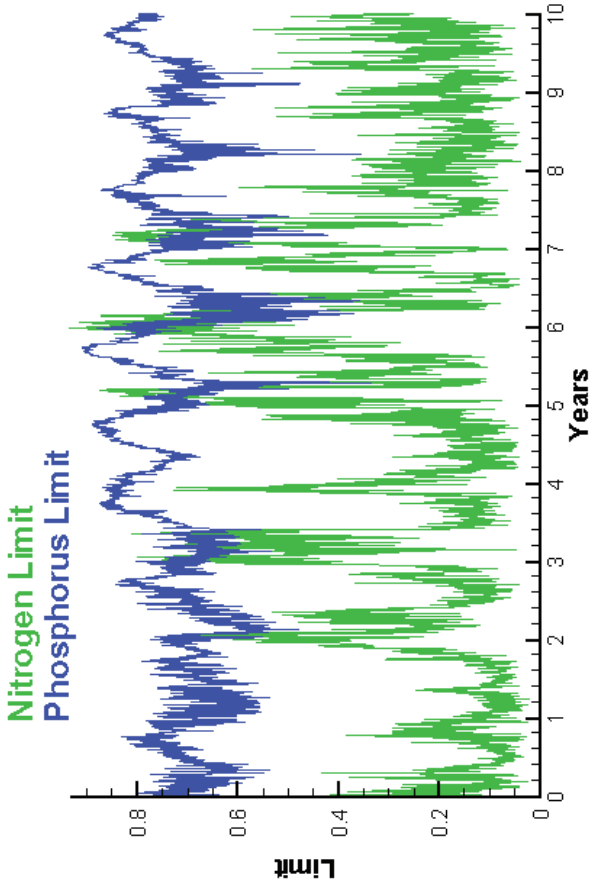


Run184 1991-2000
Dissolved Inorganic Phosphorus CB7.4 Surface

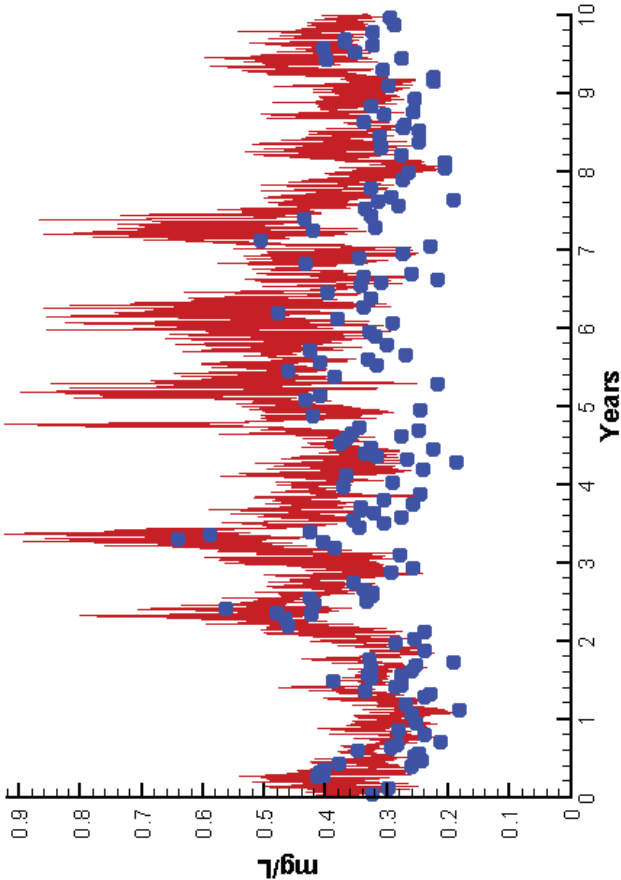


Station CB7.4

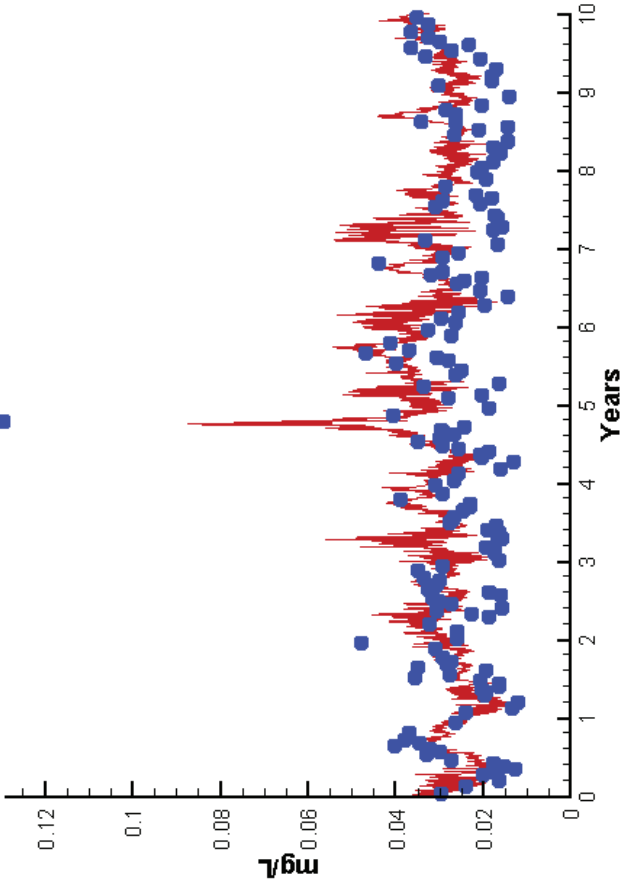
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB7.4 Surface



Run184 1991-2000
Total Phosphorus CB7.4 Surface



Mean Difference

Absolute Mean Difference

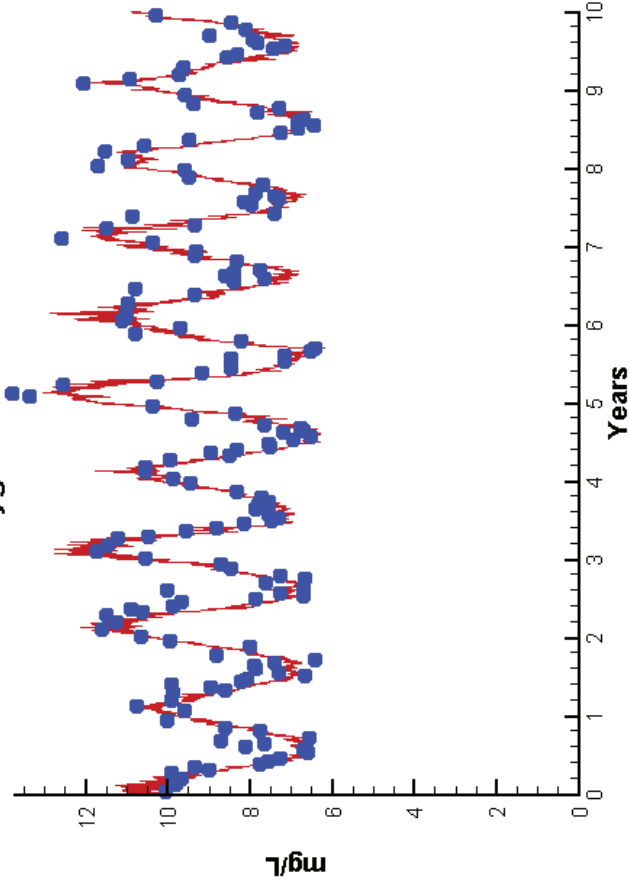
Chl
DIN
KE
DIP
TP
TN

1.5139
-0.0184
0.0714
0.0007
0.0048
0.0883

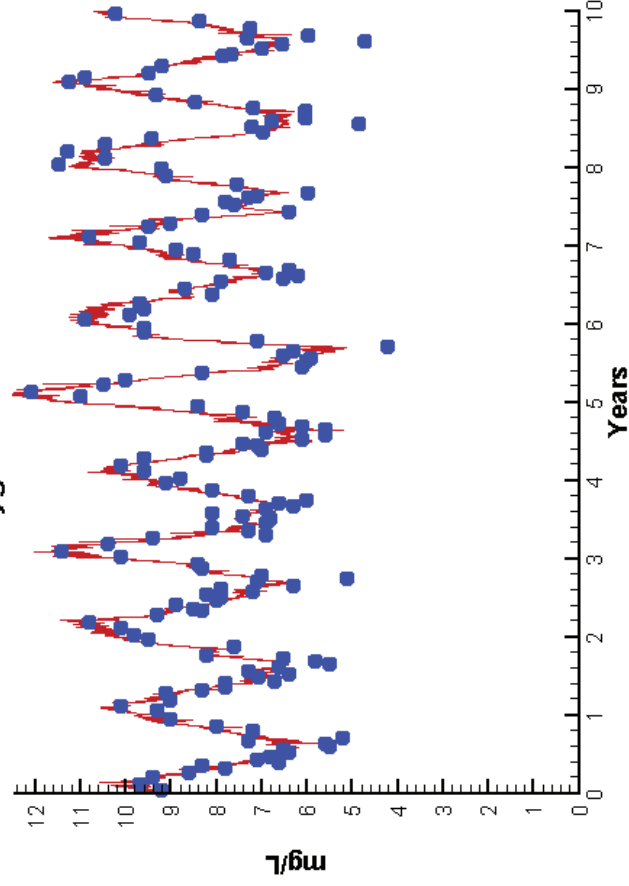
2.7970
0.0232
0.3187
0.0032
0.0081
0.0954

Station CB7.4

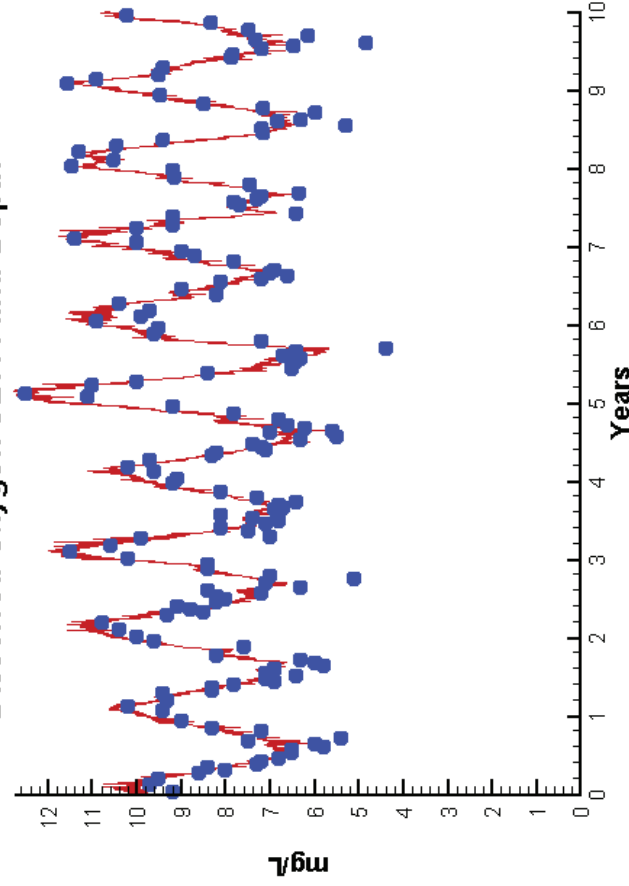
Run184 1991-2000
Dissolved Oxygen CB7.4 Surface



Run184 1991-2000
Dissolved Oxygen CB7.4 Bottom



Run184 1991-2000
Dissolved Oxygen CB7.4 Mid-Depth



Mean Difference

Absolute Mean Difference

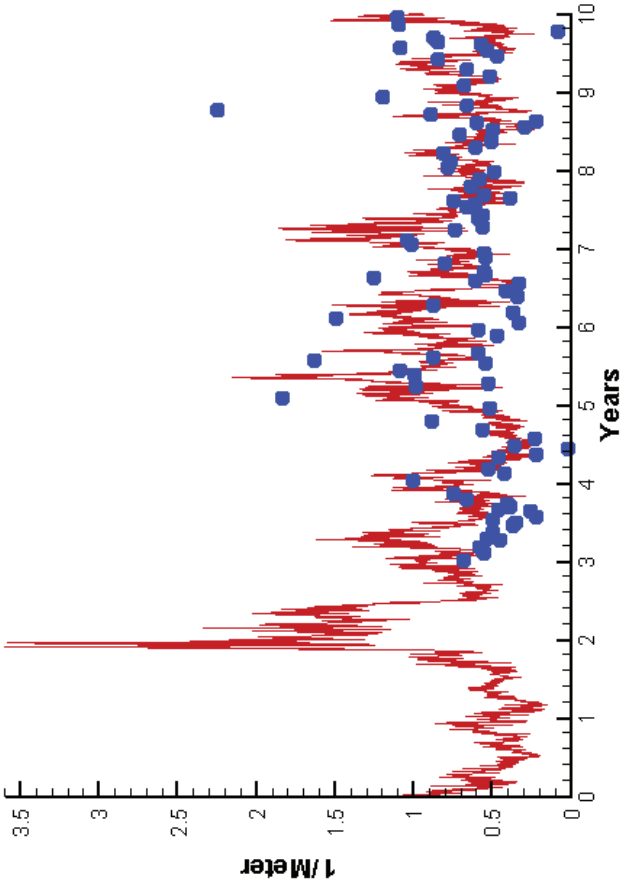
Top DO
Mid DO
Bot DO

-0.4129
0.3106
0.2714

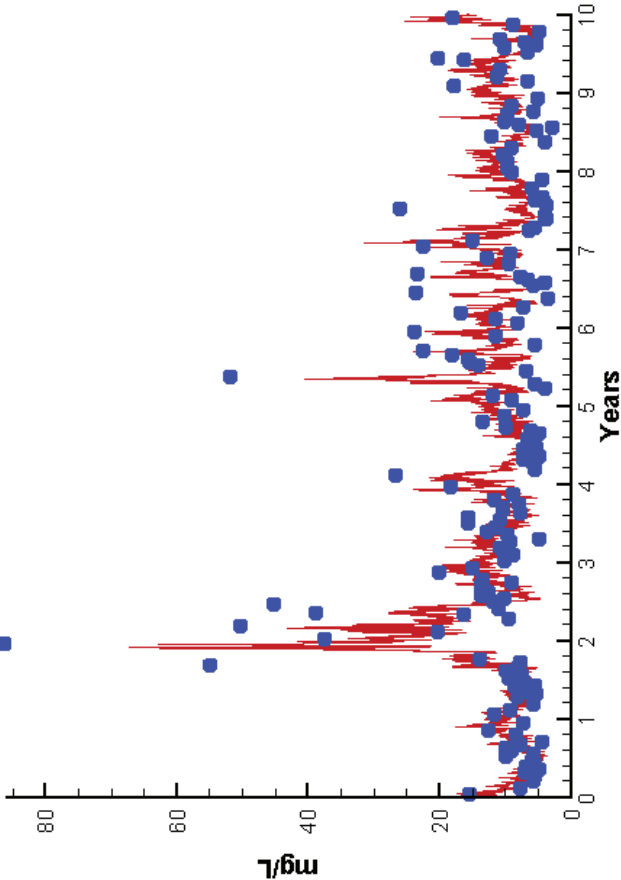
0.6457
0.5733
0.5508

Station CB7.4

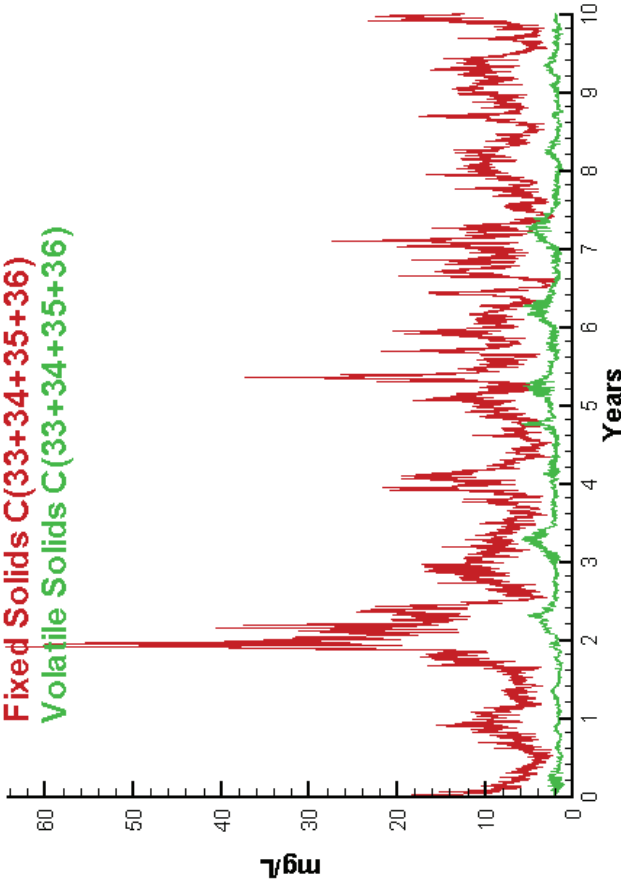
Run184 1991-2000
Light Extinction CB7.4 Surface



Run184 1991-2000
Total Solids CB7.4 Surface



Run184 1991-2000
Solids Surface



Mean Difference Absolute Mean Difference

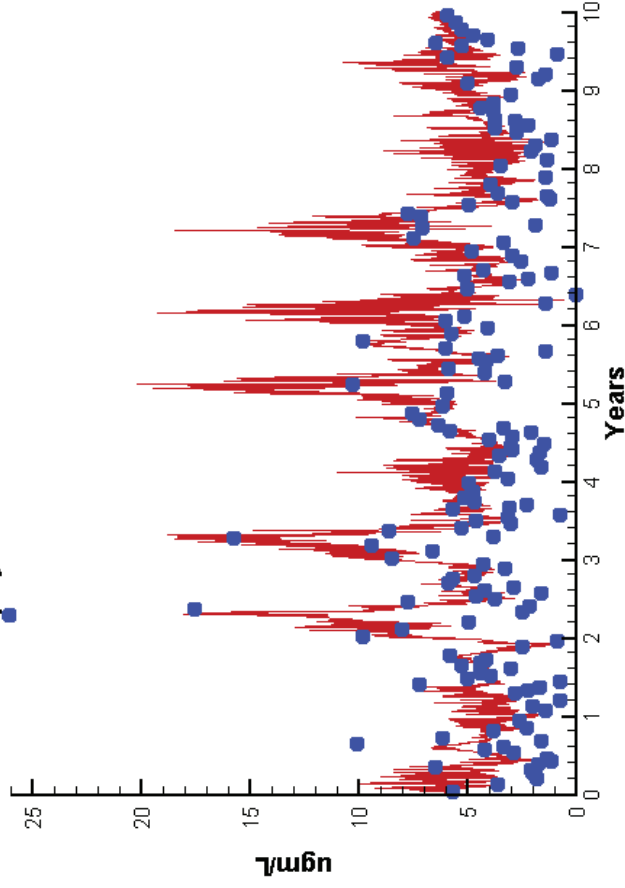
0.0714
-0.8375

0.3187
4.6428

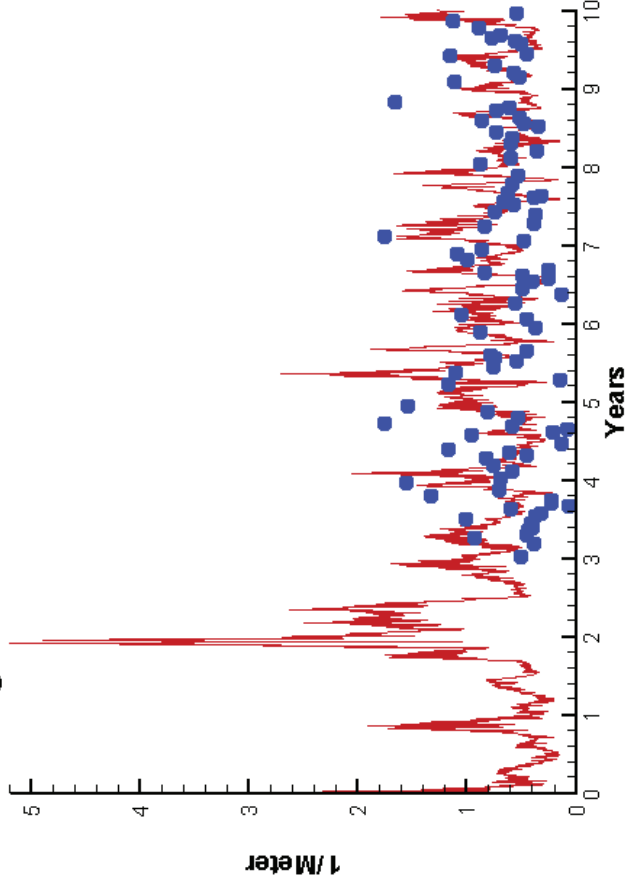
KE
TSS

Station CB7.4N

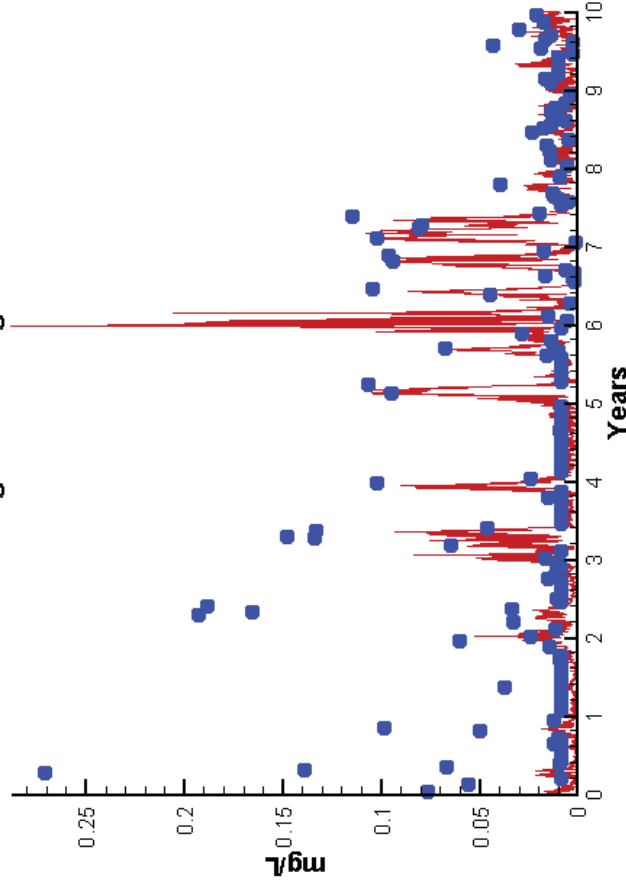
Run184 1991-2000
Chlorophyll CB7.4N Surface



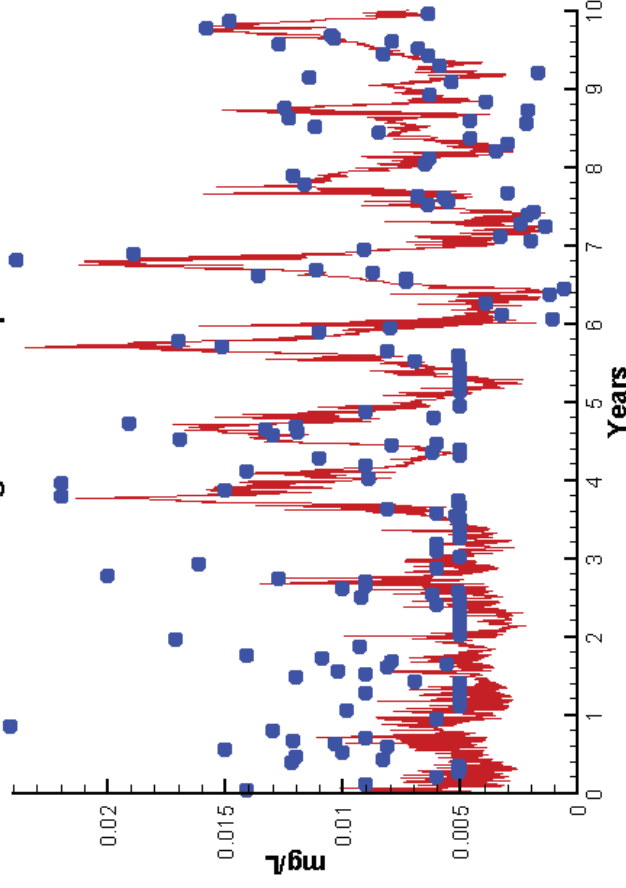
Run184 1991-2000
Light Extinction CB7.4N Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB7.4N Surface

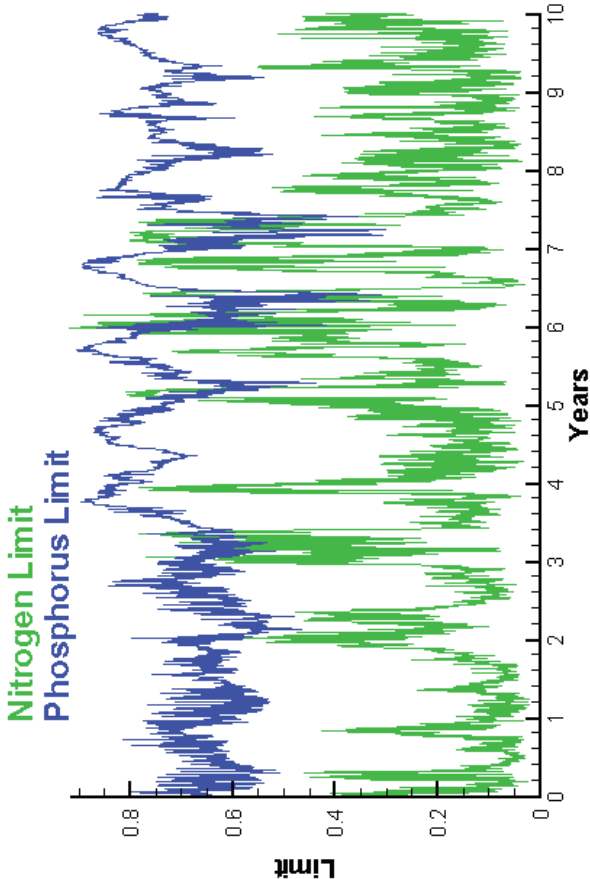


Run184 1991-2000
Dissolved Inorganic Phosphorus CB7.4N Surface

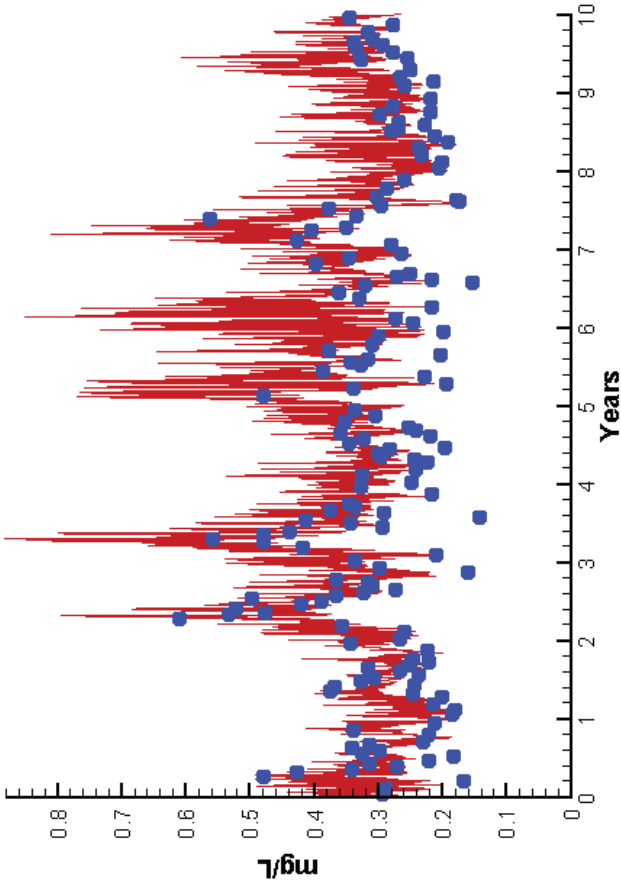


Station CB7.4N

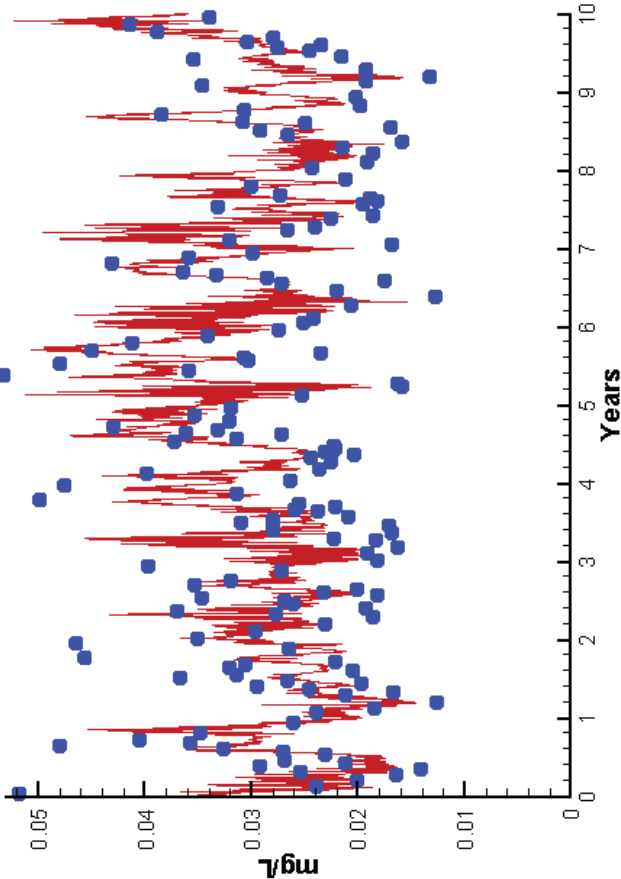
Run184 1991-2000
Algal Limits N



Run184 1991-2000
Total Nitrogen CB7.4N Surface



Run184 1991-2000
Total Phosphorus CB7.4N Surface



Mean Difference

Absolute Mean Difference

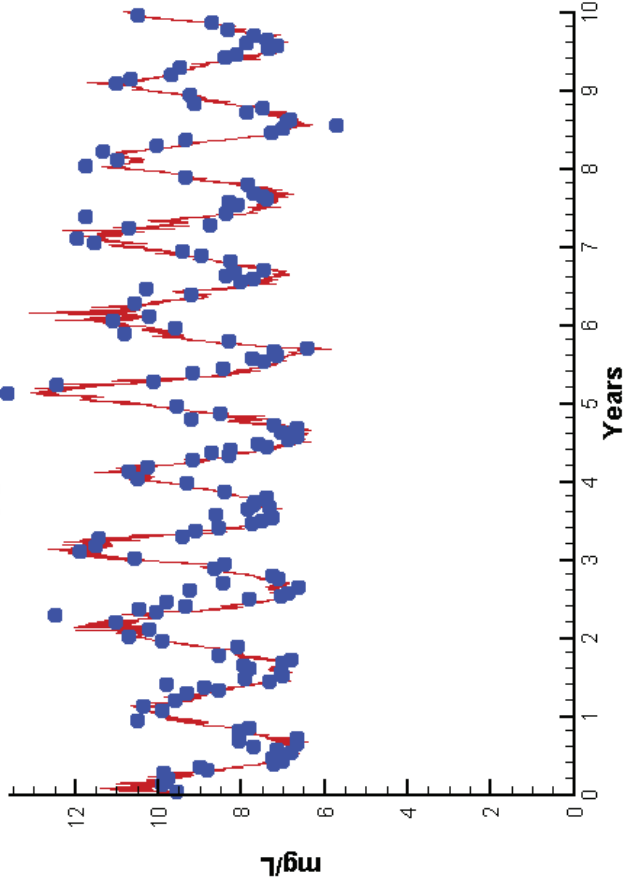
Chl
DIN
KE
DIP
TP
TN

1.5480
-0.0172
0.0860
-0.0009
0.0022
0.0557

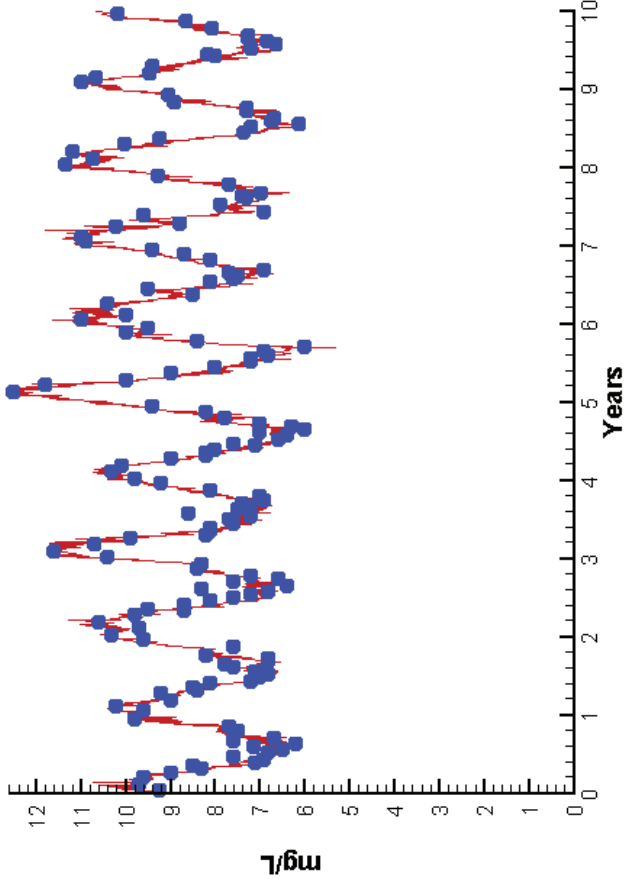
2.1851
0.0208
0.3504
0.0032
0.0062
0.0720

Station CB7.4N

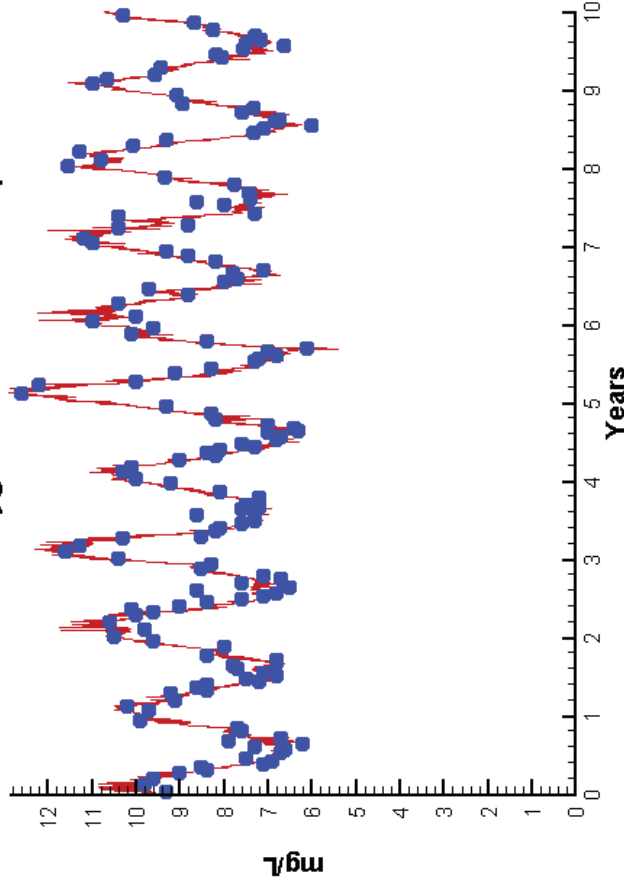
Run184 1991-2000
Dissolved Oxygen CB7.4N Surface



Run184 1991-2000
Dissolved Oxygen CB7.4N Bottom



Run184 1991-2000
Dissolved Oxygen CB7.4N Mid-Depth



Mean Difference

Absolute Mean Difference

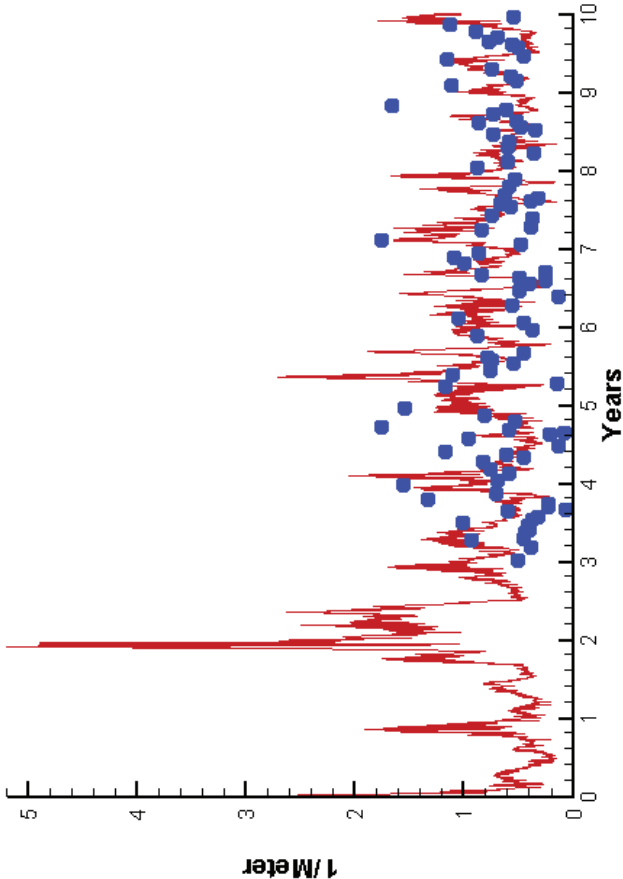
Top DO
Mid DO
Bot DO

-0.3051
-0.0744
-0.0449

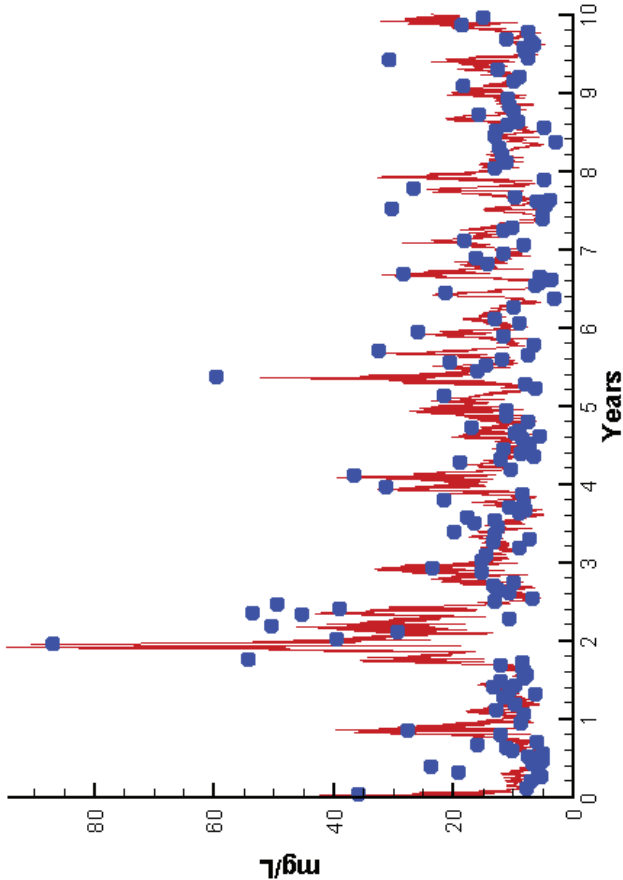
0.5624
0.4413
0.4079

Station CB7.4N

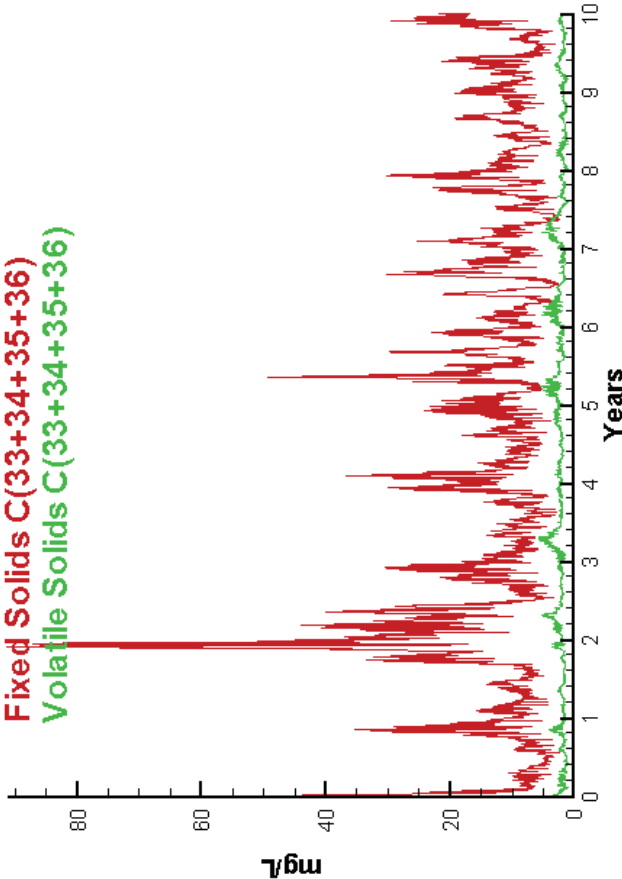
Run184 1991-2000
Light Extinction CB7.4N Surface



Run184 1991-2000
Total Solids CB7.4N Surface



Run184 1991-2000
Solids N Surface

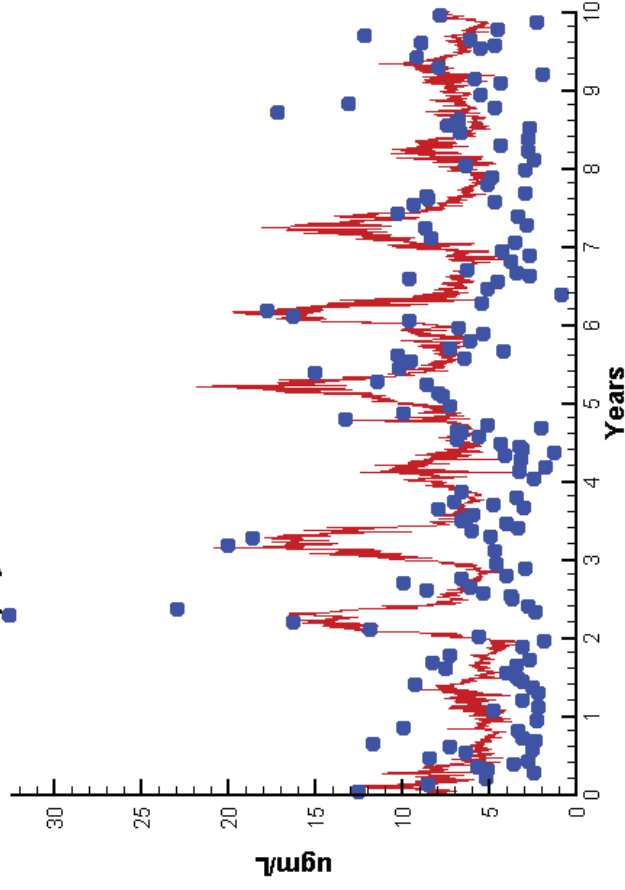


Mean Difference Absolute Mean Difference

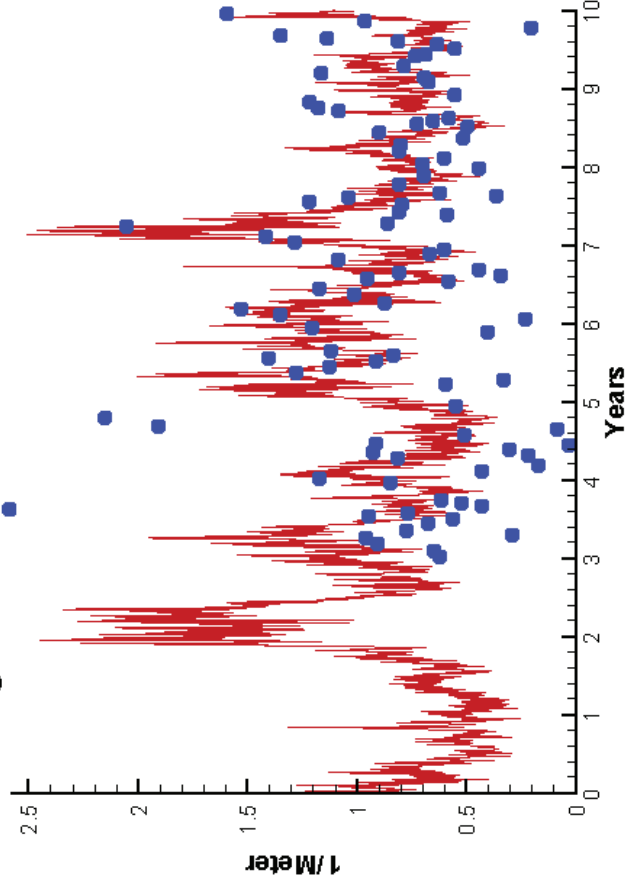
KE	0.0860	0.3504
TSS	-0.4762	5.7075

Station CB8.1E

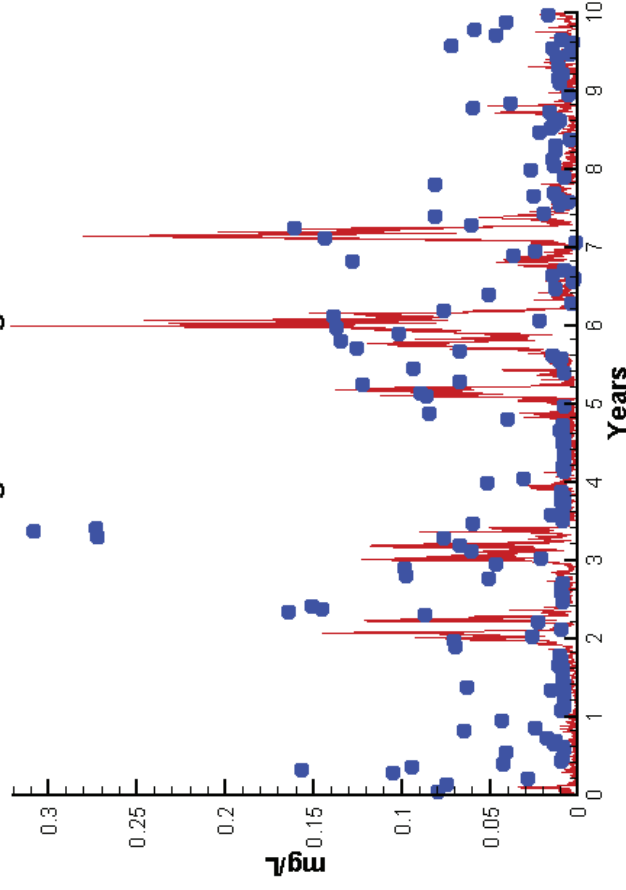
Run184 1991-2000
Chlorophyll CB8.1E Surface



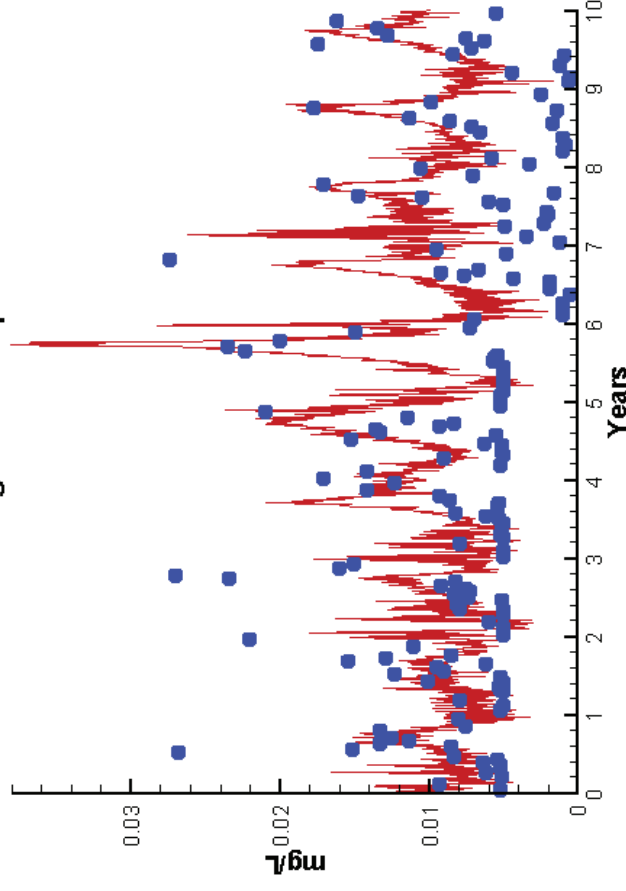
Run184 1991-2000
Light Extinction CB8.1E Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen CB8.1E Surface

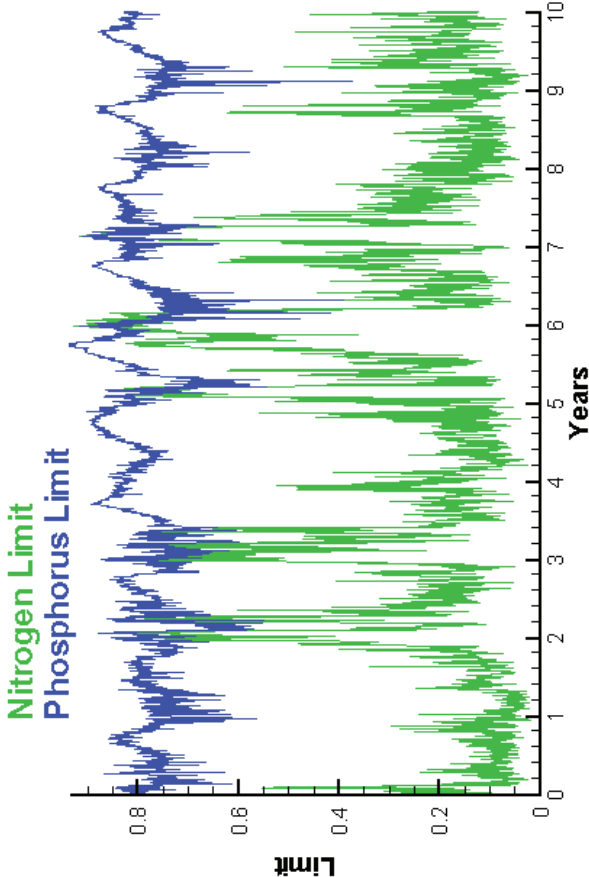


Run184 1991-2000
Dissolved Inorganic Phosphorus CB8.1E Surface

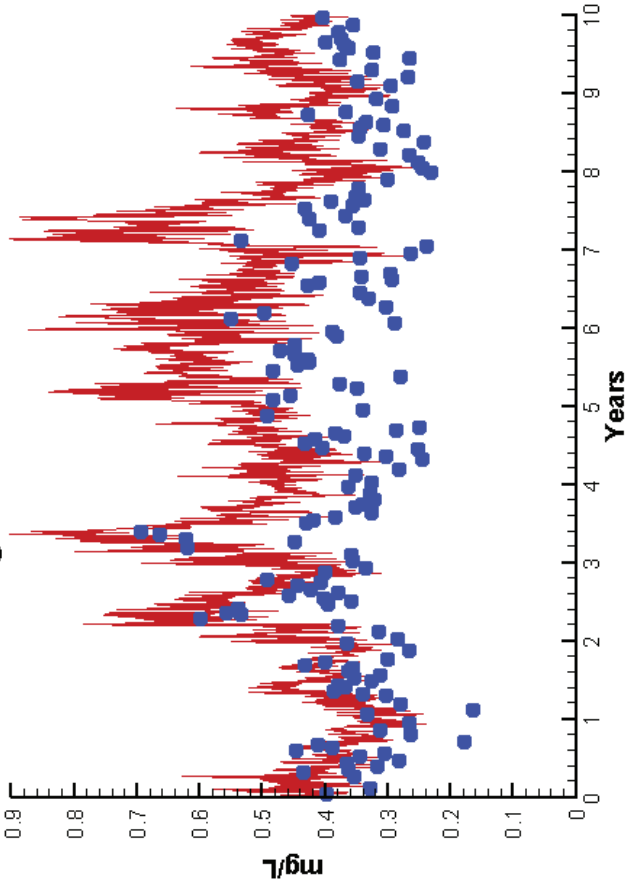


Station CB8.1E

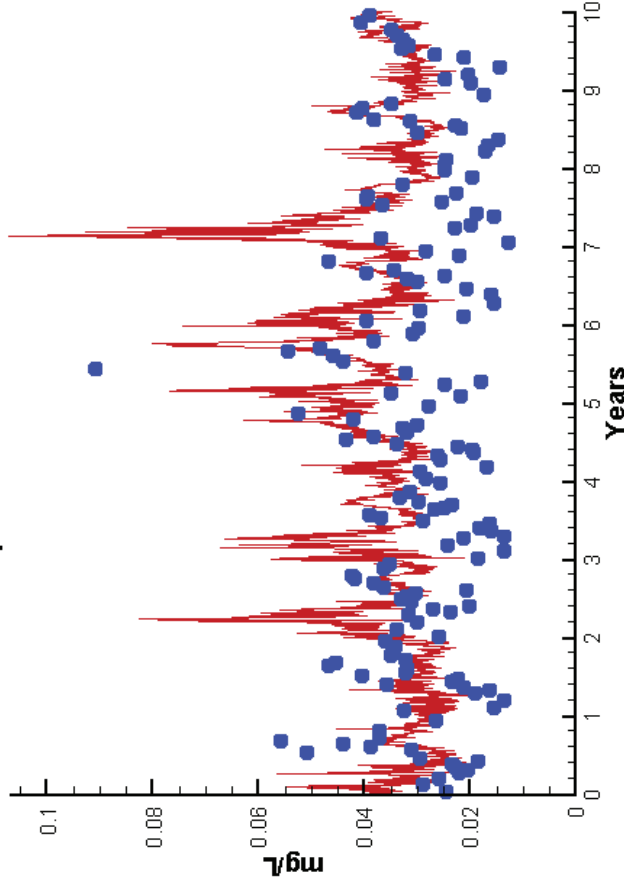
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen CB8.1E Surface



Run184 1991-2000
Total Phosphorus CB8.1E Surface



Mean Difference

Absolute Mean Difference

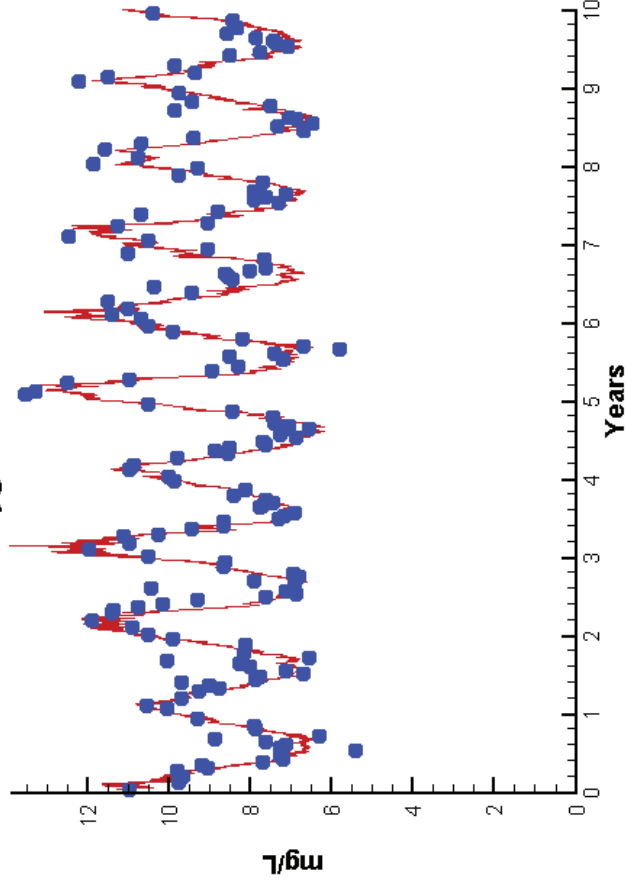
Chl
DIN
KE
DIP
TP
TN

1.4891
-0.0256
0.0367
0.0026
0.0064
0.1363

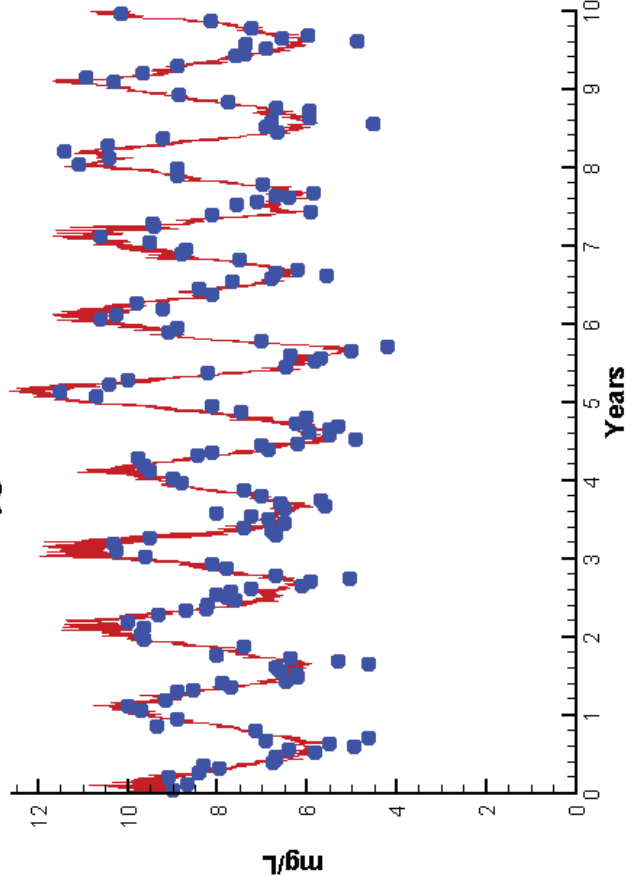
3.3048
0.0321
0.3259
0.0048
0.0110
0.1398

Station CB8.1E

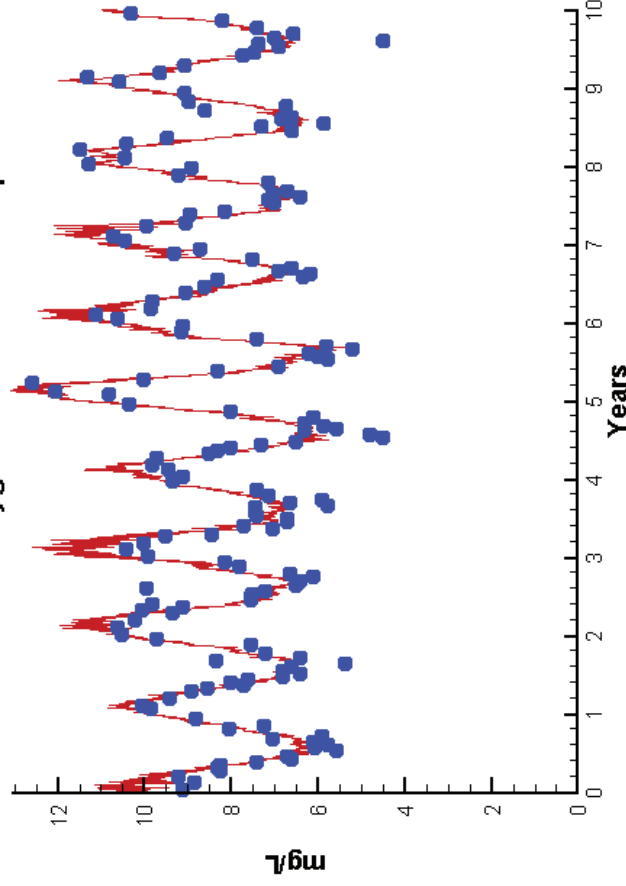
Run184 1991-2000
Dissolved Oxygen CB8.1E Surface



Run184 1991-2000
Dissolved Oxygen CB8.1E Bottom



Run184 1991-2000
Dissolved Oxygen CB8.1E Mid-Depth



Mean Difference

Absolute Mean Difference

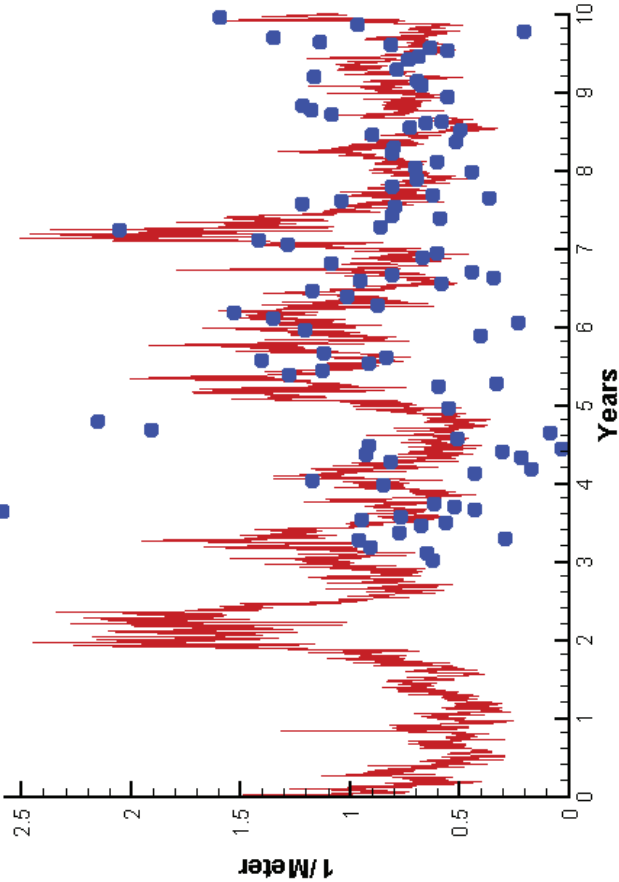
Top DO
Mid DO
Bot DO

-0.3681
0.2503
0.1221

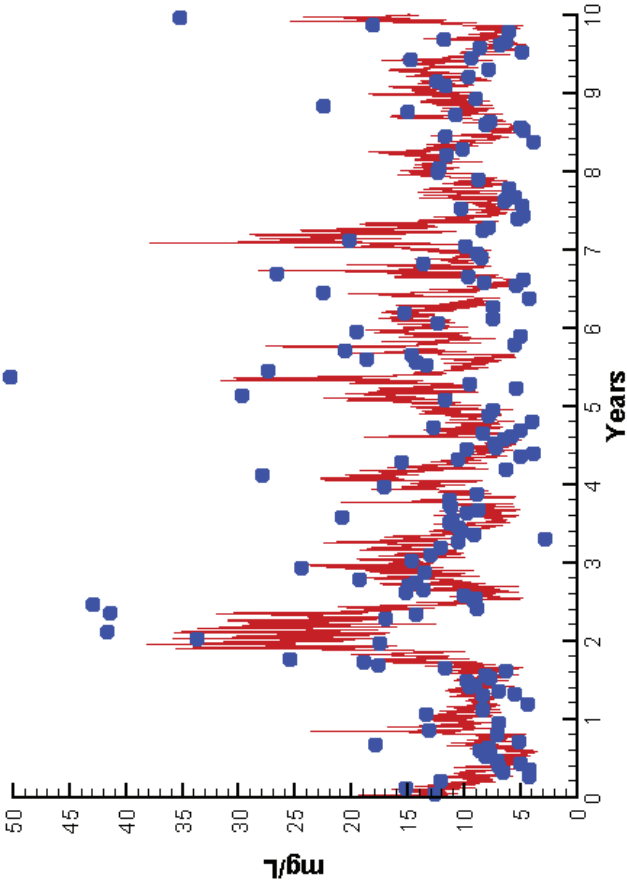
0.6862
0.6358
0.6059

Station CB8.1E

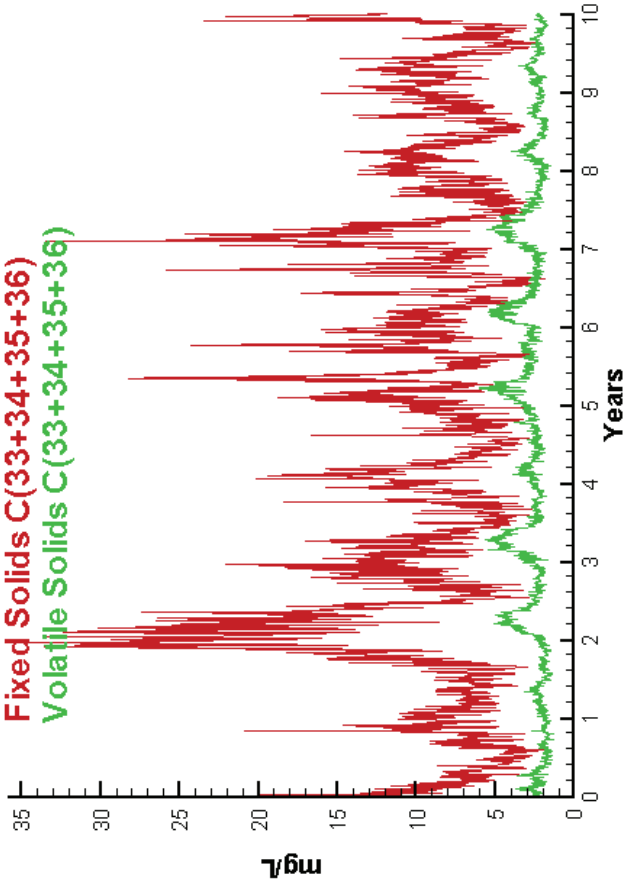
Run184 1991-2000
Light Extinction CB8.1E Surface



Run184 1991-2000
Total Solids CB8.1E Surface



Run184 1991-2000
Solids Surface



Mean Difference

0.0367

-1.4500

Absolute Mean Difference

0.3259

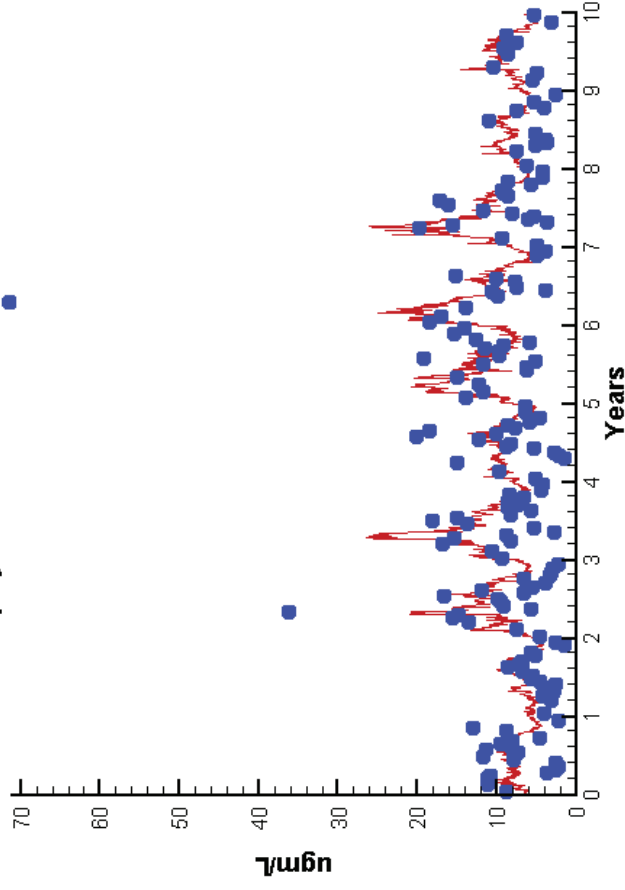
4.2730

KE

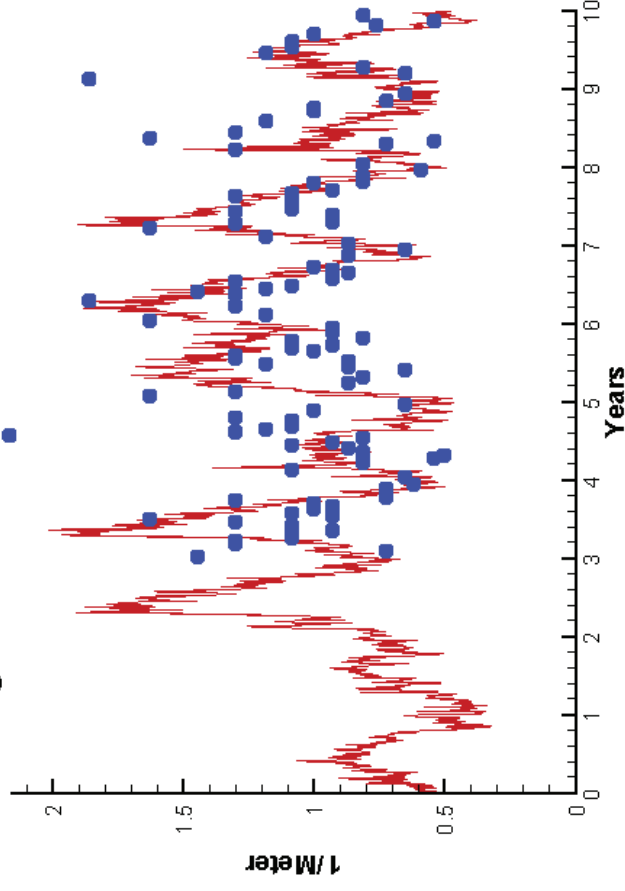
TSS

Station EE3.2

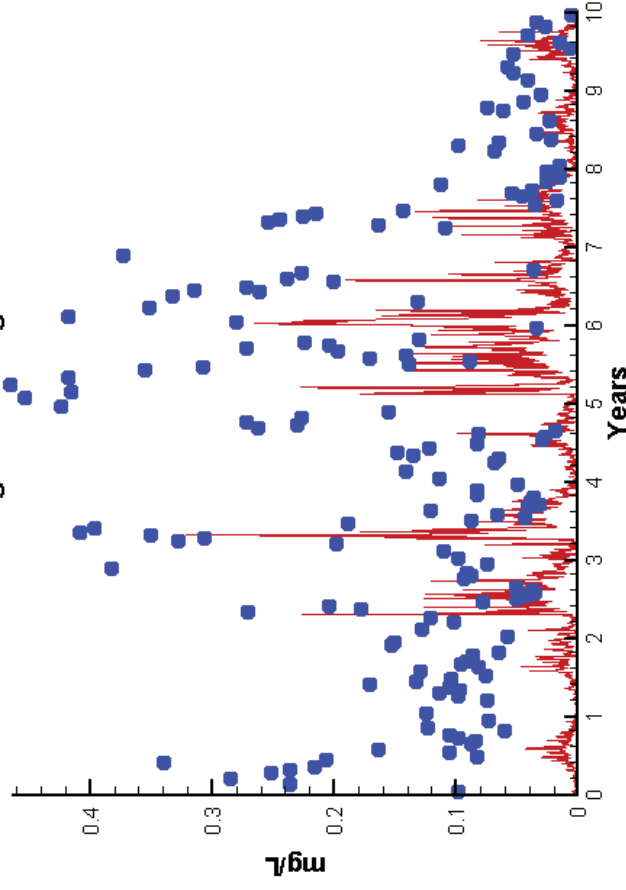
Run184 1991-2000
Chlorophyll EE3.2 Surface



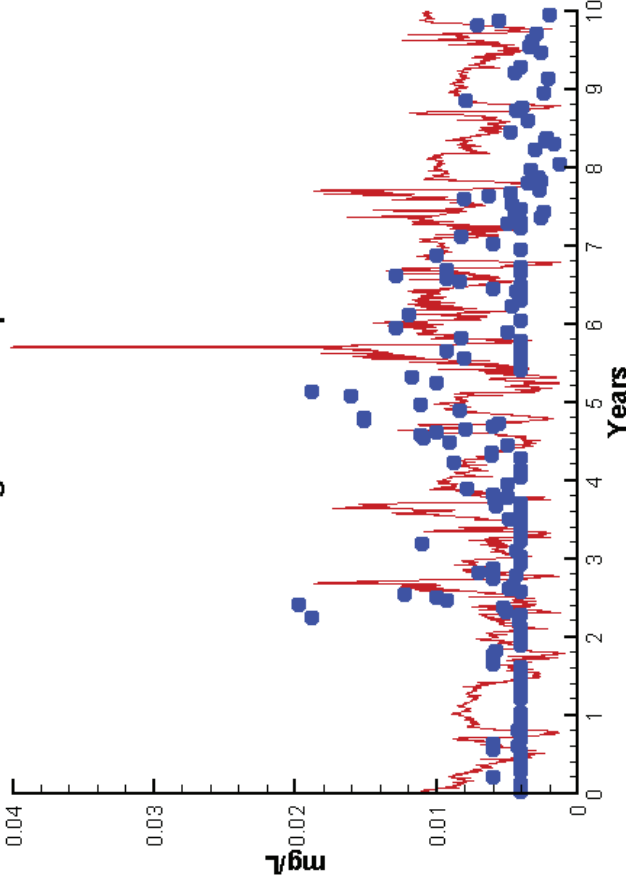
Run184 1991-2000
Light Extinction EE3.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen EE3.2 Surface

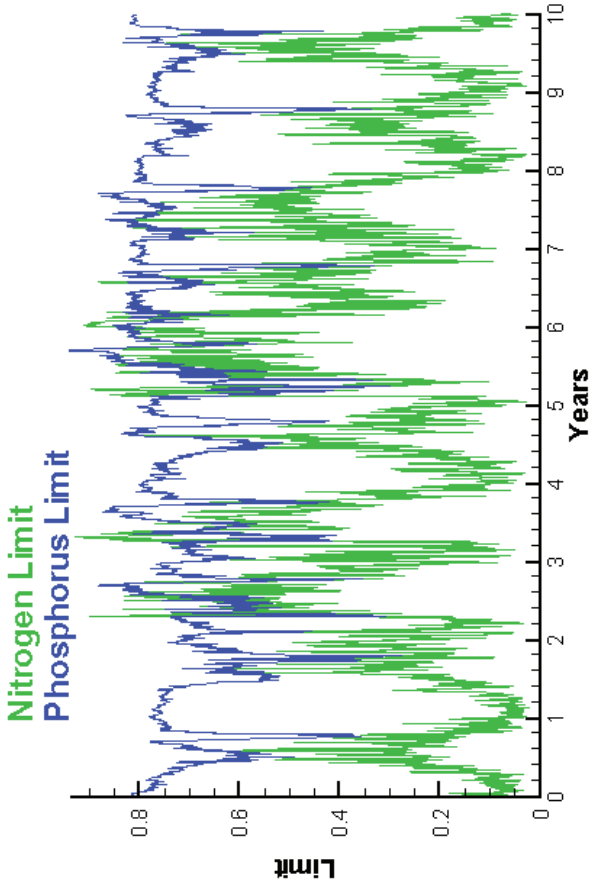


Run184 1991-2000
Dissolved Inorganic Phosphorus EE3.2 Surface

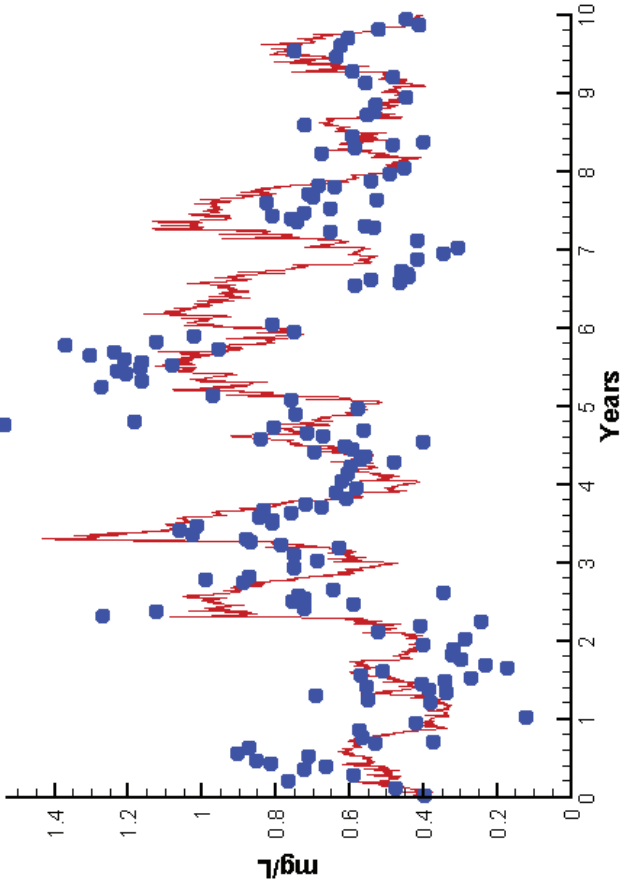


Station EE3.2

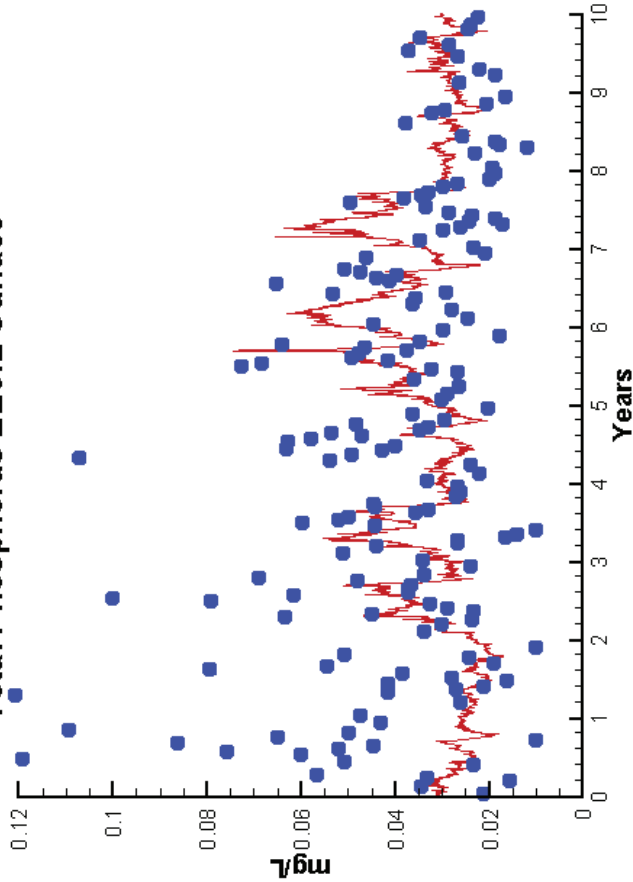
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen EE3.2 Surface



Run184 1991-2000
Total Phosphorus EE3.2 Surface



Mean Difference

Absolute Mean Difference

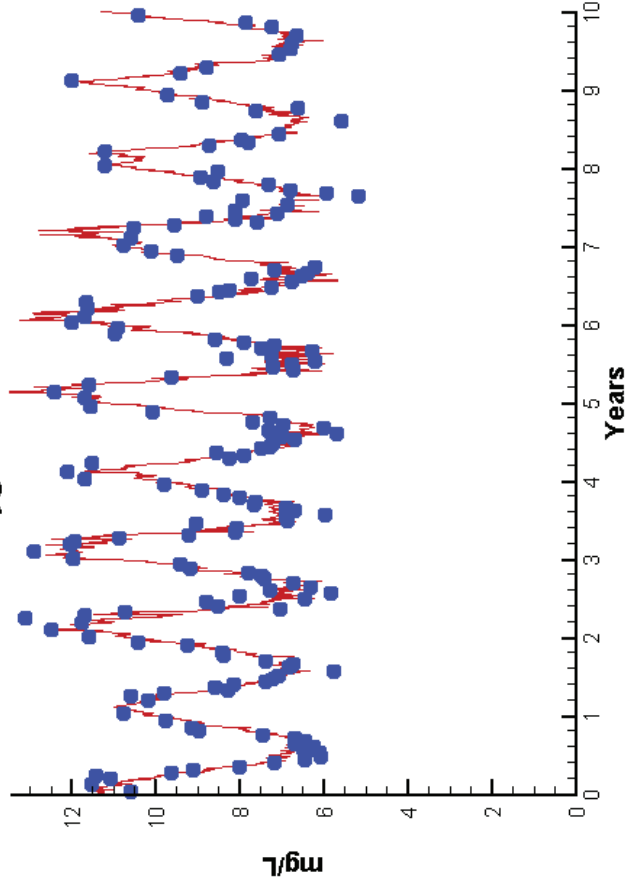
Chl
DIN
KE
DIP
TP
TN

1.2549
-0.1170
0.0371
0.0018
-0.0051
0.0360

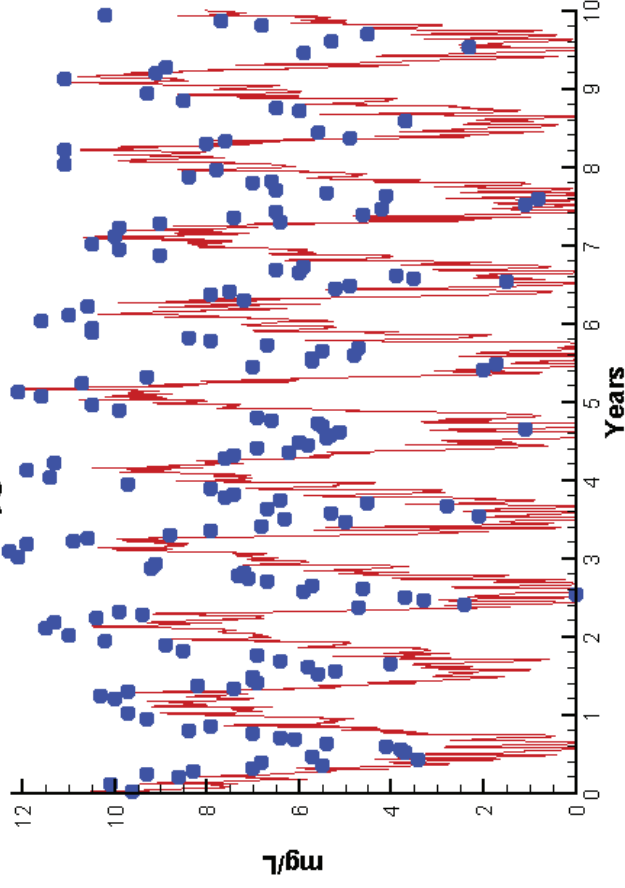
3.7955
0.1194
0.2880
0.0040
0.0165
0.1714

Station EE3.2

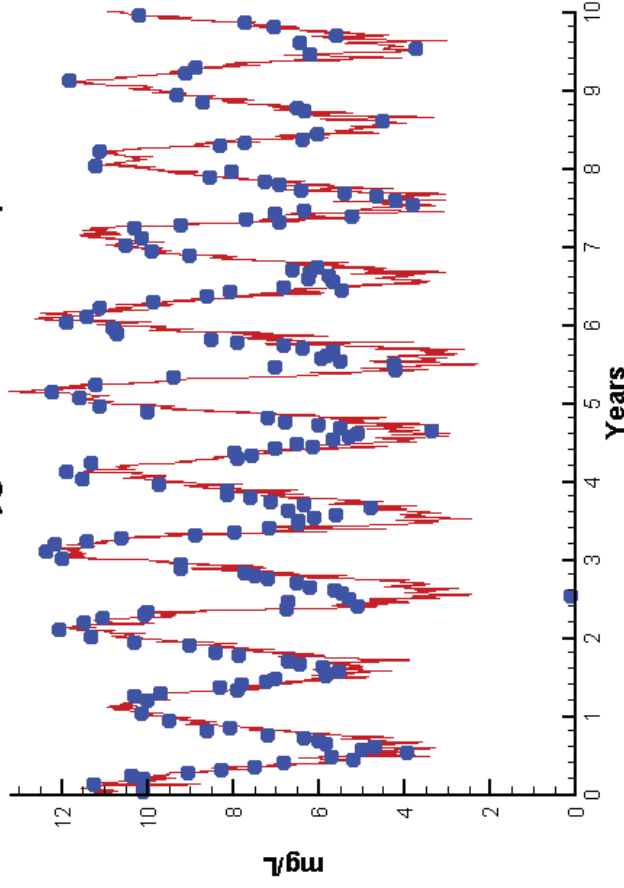
Run184 1991-2000
Dissolved Oxygen EE3.2 Surface



Run184 1991-2000
Dissolved Oxygen EE3.2 Bottom



Run184 1991-2000
Dissolved Oxygen EE3.2 Mid-Depth



Mean Difference

Absolute Mean Difference

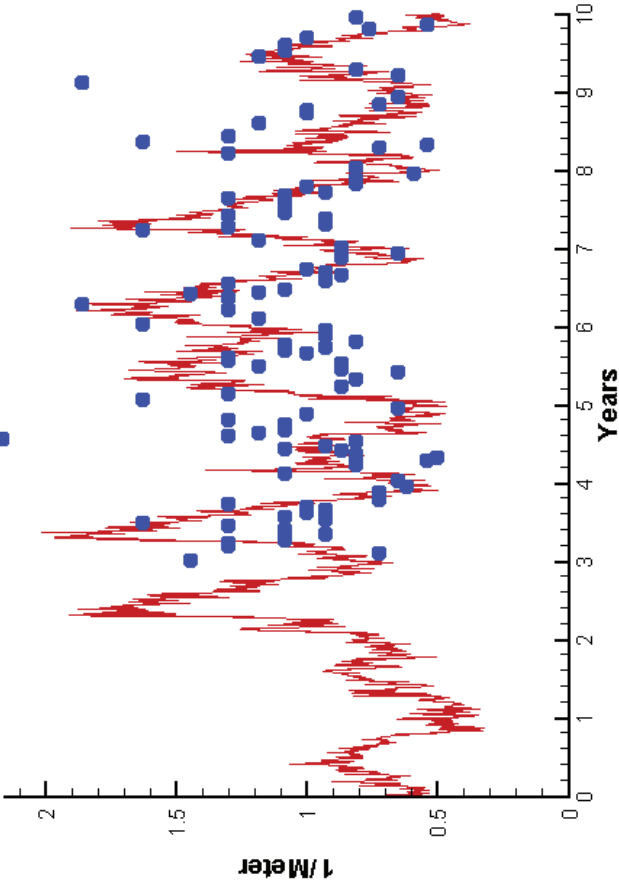
Top DO
Mid DO
Bot DO

-0.1433
-0.9059
-3.3125

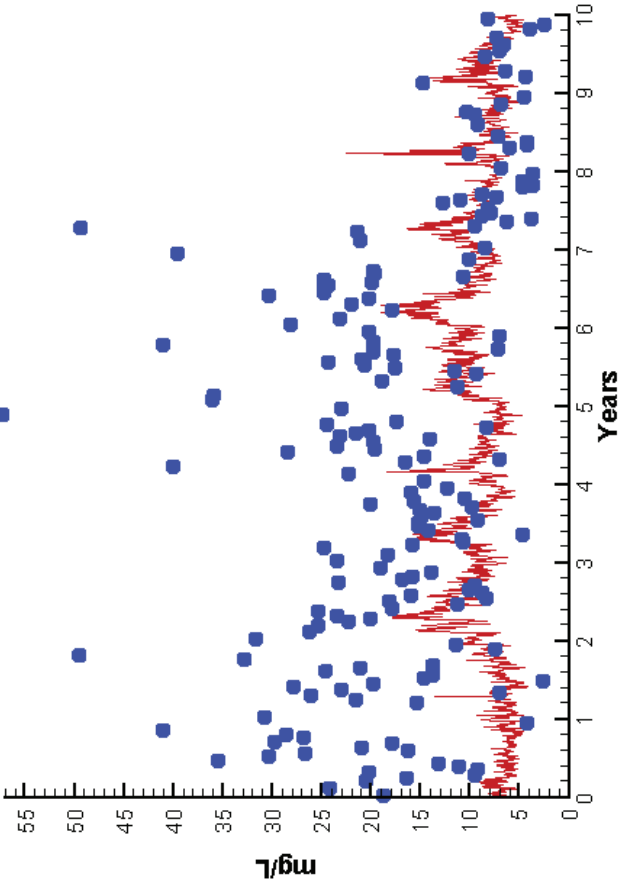
0.5522
1.1085
3.3891

Station EE3.2

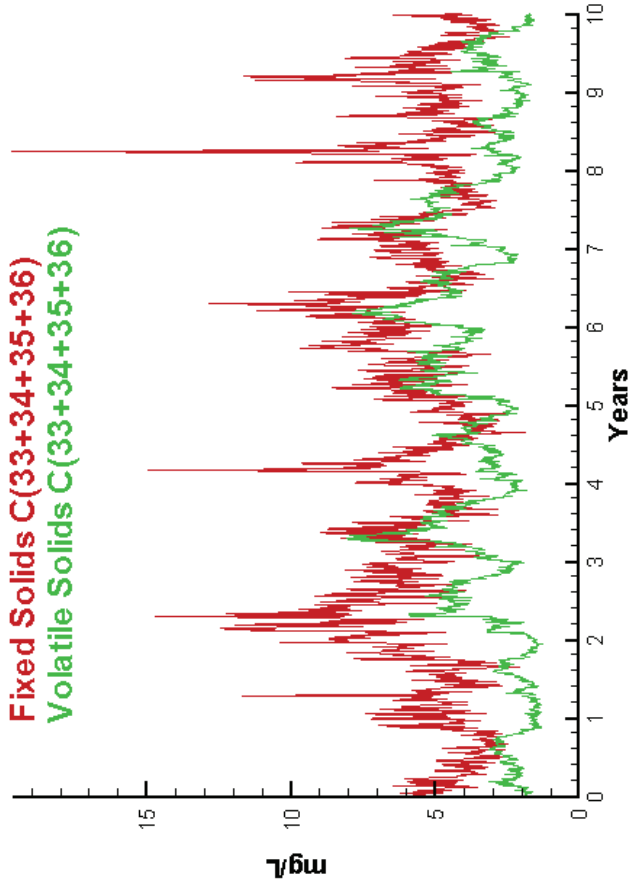
Run184 1991-2000
Light Extinction EE3.2 Surface



Run184 1991-2000
Total Solids EE3.2 Surface



Run184 1991-2000
Solids Surface

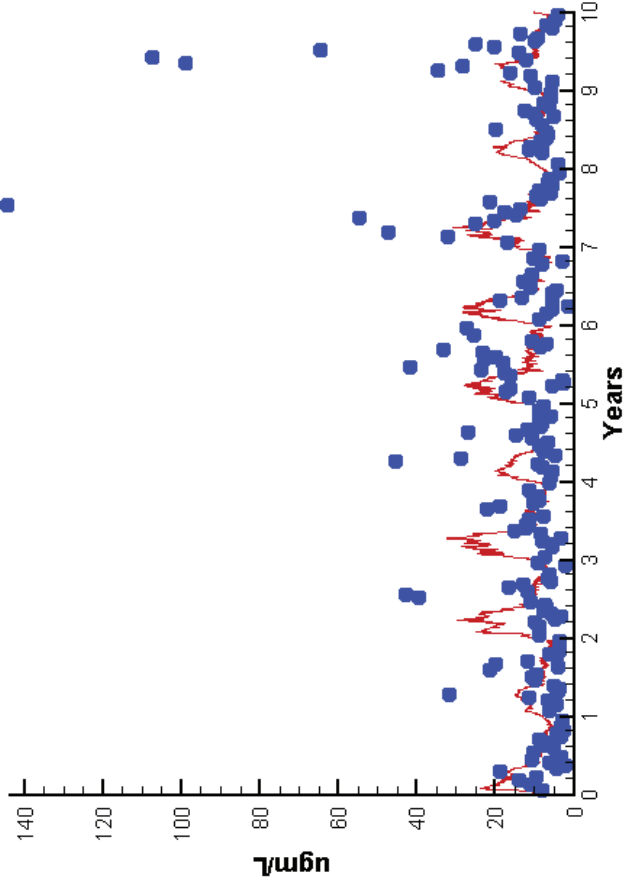


Mean Difference Absolute Mean Difference

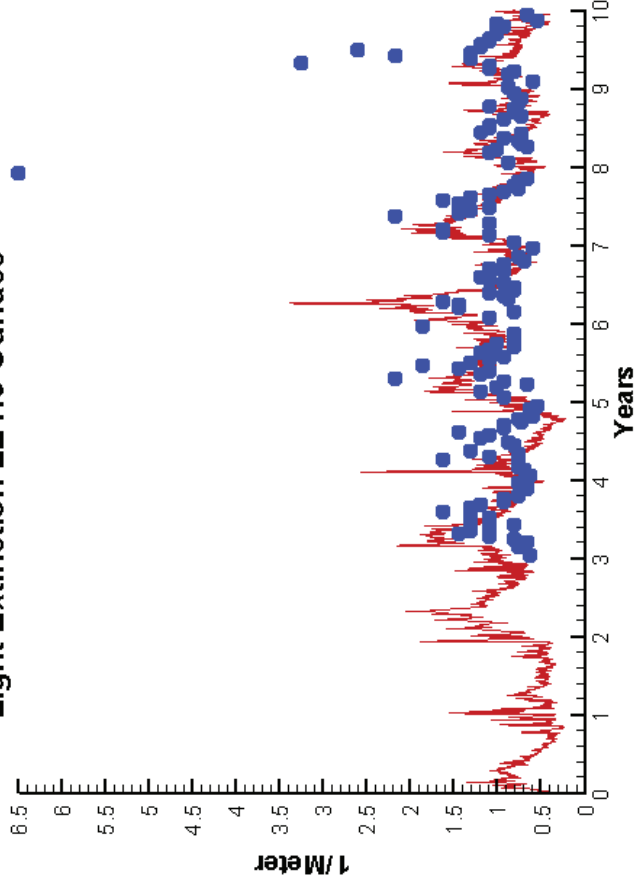
KE 0.0371 0.2880
TSS -8.1660 9.3630

Station LE1.3

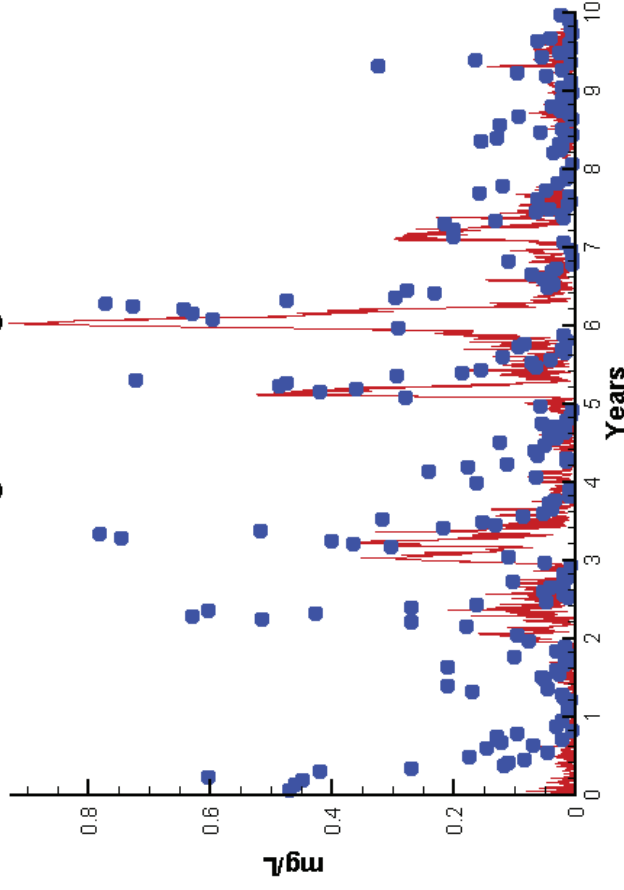
Run184 1991-2000
Chlorophyll LE1.3 Surface



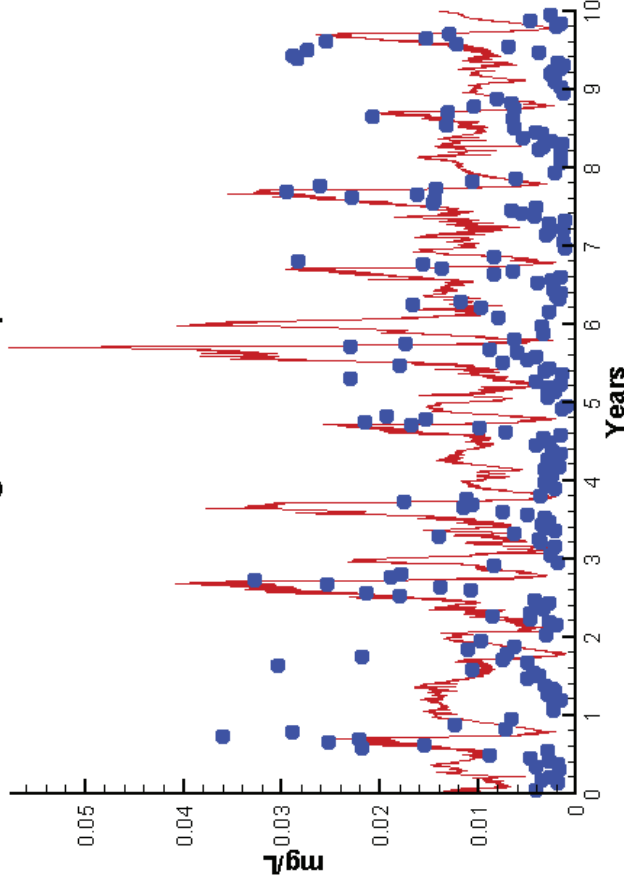
Run184 1991-2000
Light Extinction LE1.3 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen LE1.3 Surface

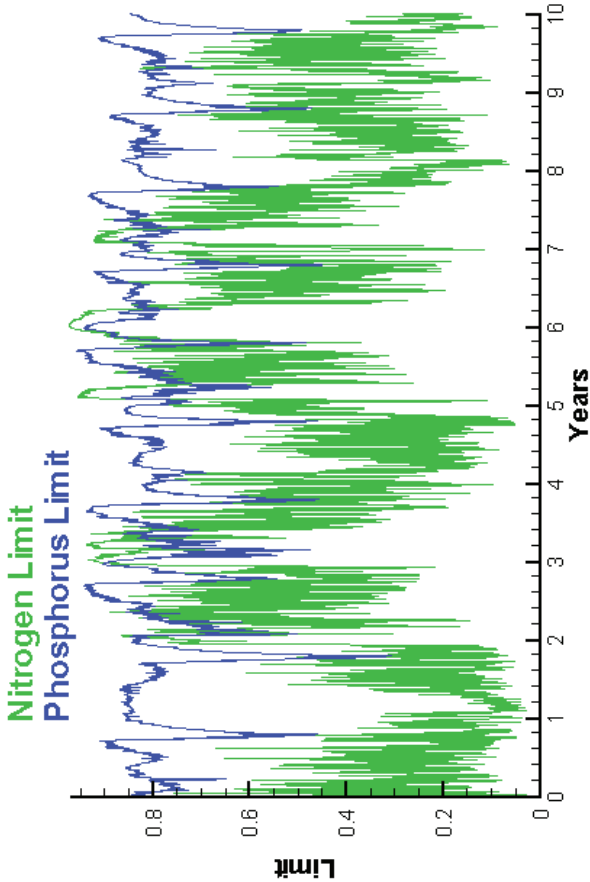


Run184 1991-2000
Dissolved Inorganic Phosphorus LE1.3 Surface

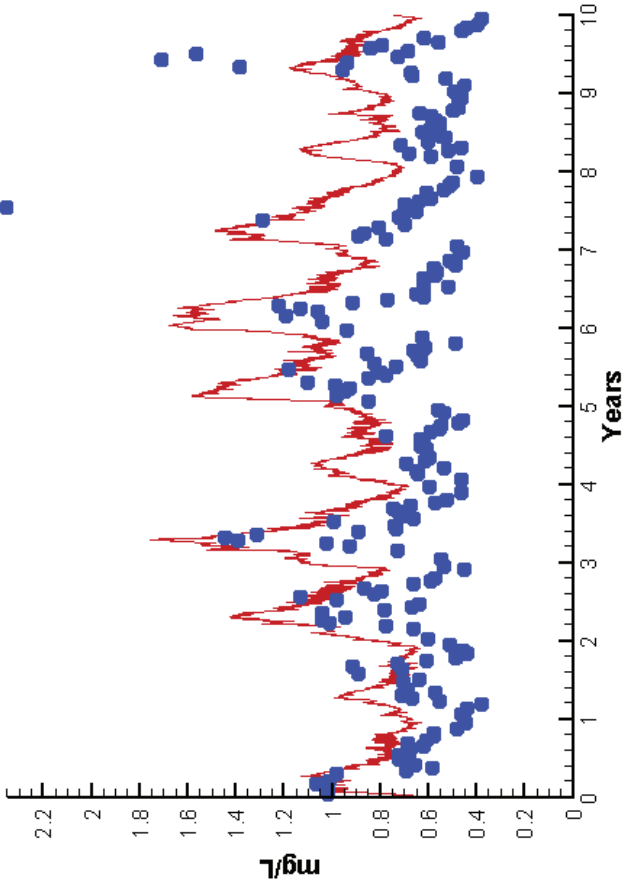


Station LE1.3

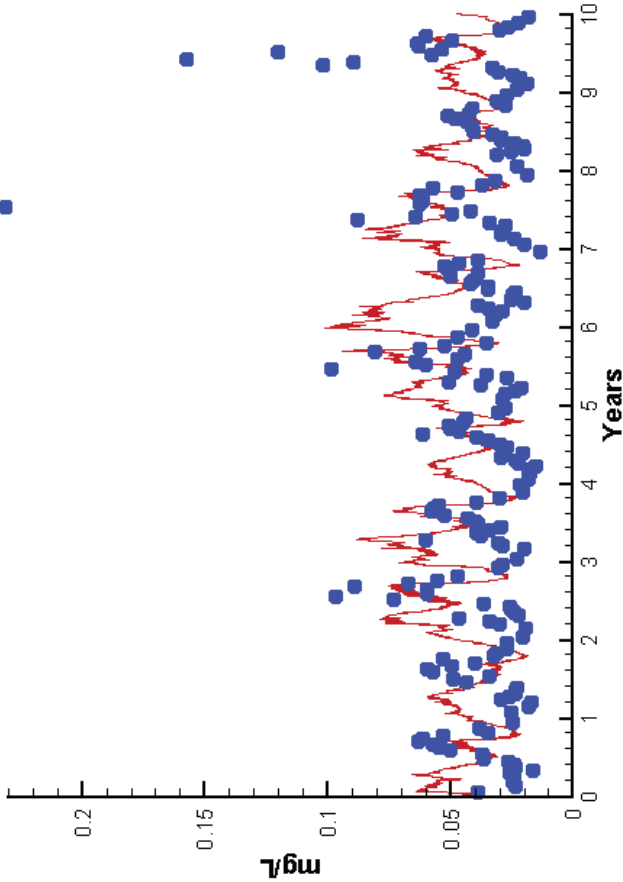
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen LE1.3 Surface



Run184 1991-2000
Total Phosphorus LE1.3 Surface



Mean Difference

Absolute Mean Difference

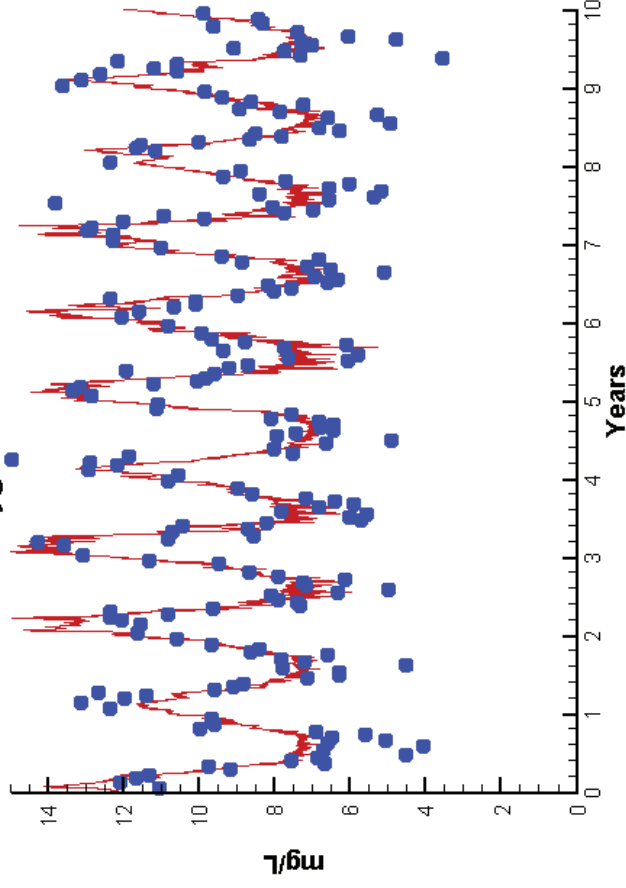
Chl
DIN
KE
DIP
TP
TN

-0.8382
-0.0835
-0.0778
0.0047
0.0085
0.2880

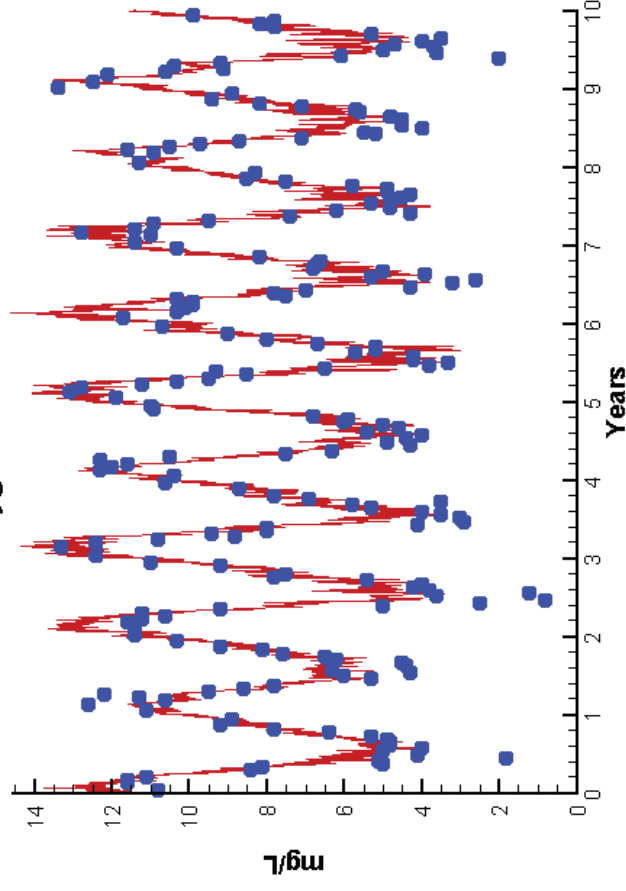
8.6524
0.1020
0.3880
0.0089
0.0221
0.3249

Station LE1.3

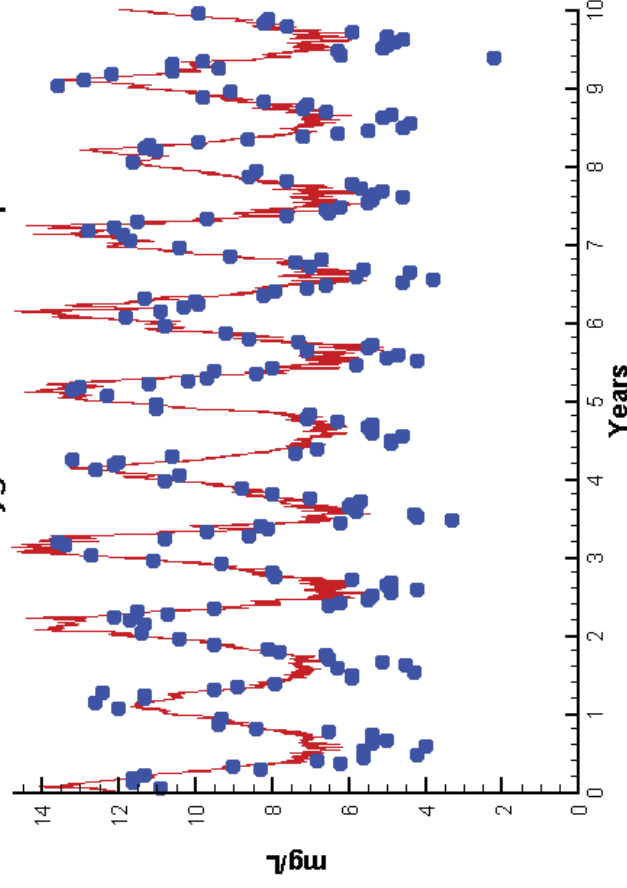
Run184 1991-2000
Dissolved Oxygen LE1.3 Surface



Run184 1991-2000
Dissolved Oxygen LE1.3 Bottom



Run184 1991-2000
Dissolved Oxygen LE1.3 Mid-Depth



Mean Difference

Absolute Mean Difference

Top DO

Mid DO

Bot DO

0.2549

0.8827

0.5784

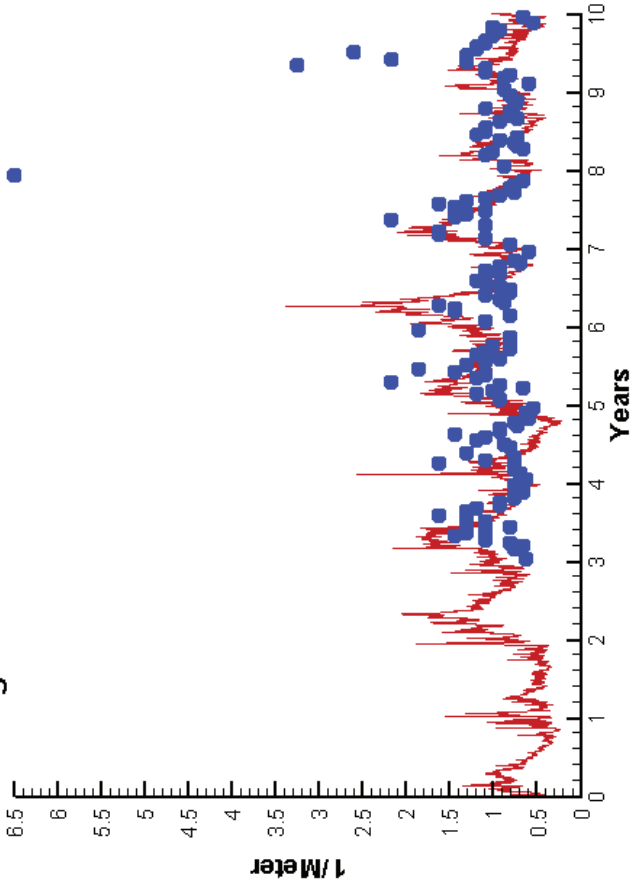
1.0365

1.1860

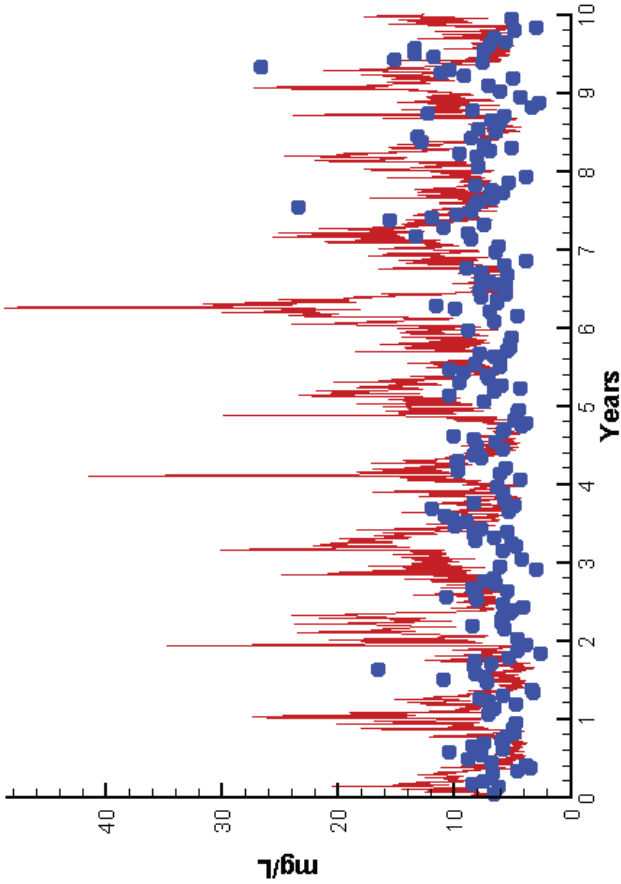
1.0487

Station LE1.3

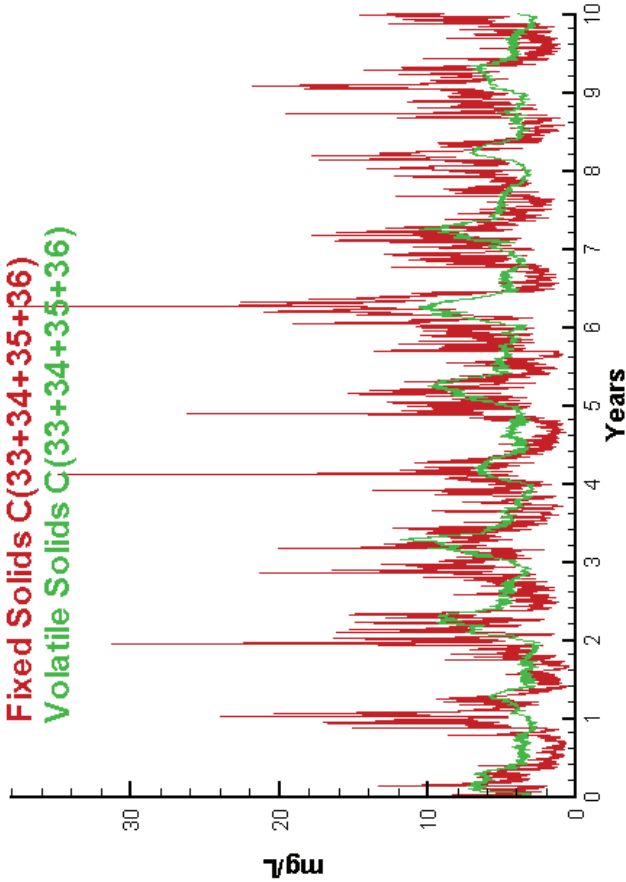
Run184 1991-2000
Light Extinction LE1.3 Surface



Run184 1991-2000
Total Solids LE1.3 Surface



Run184 1991-2000
Solids Surface



Mean Difference

Absolute Mean Difference

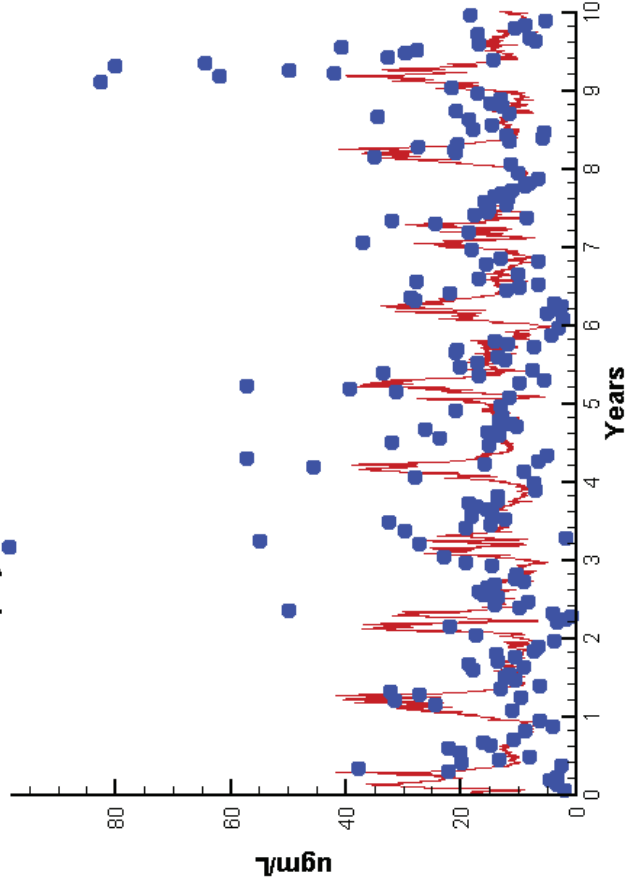
KE
TSS

-0.0778
2.9498

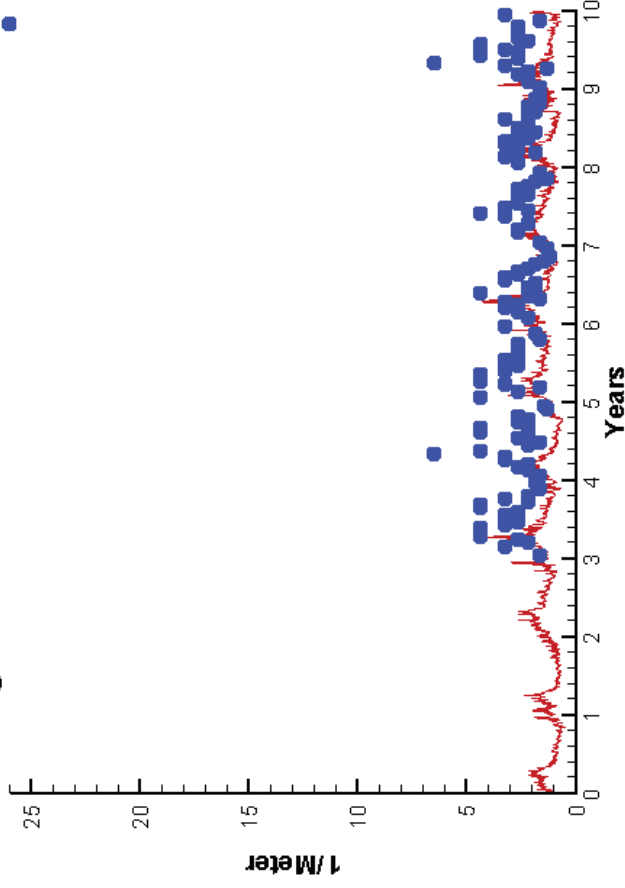
0.3880
4.7671

Station RET1.1

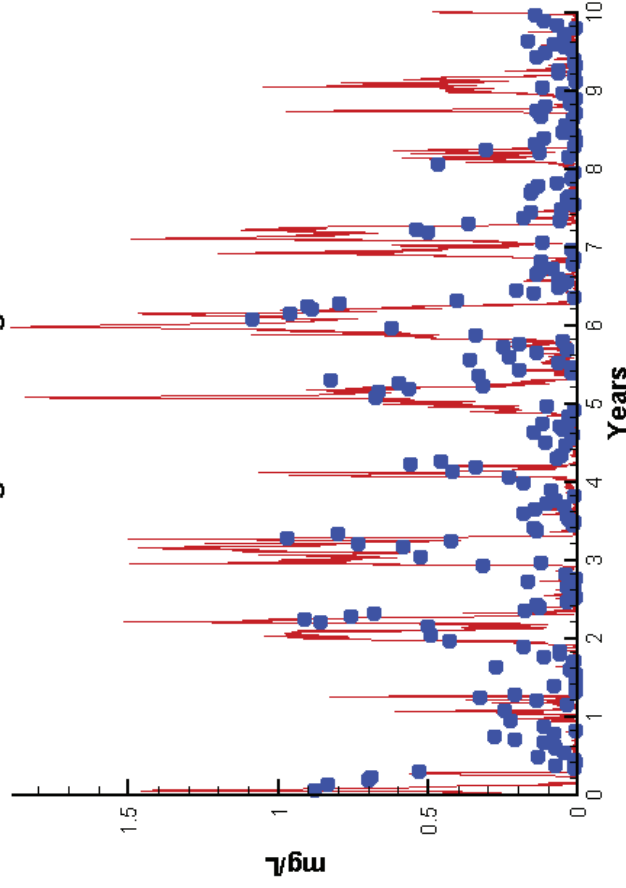
Run184 1991-2000
Chlorophyll RET1.1 Surface



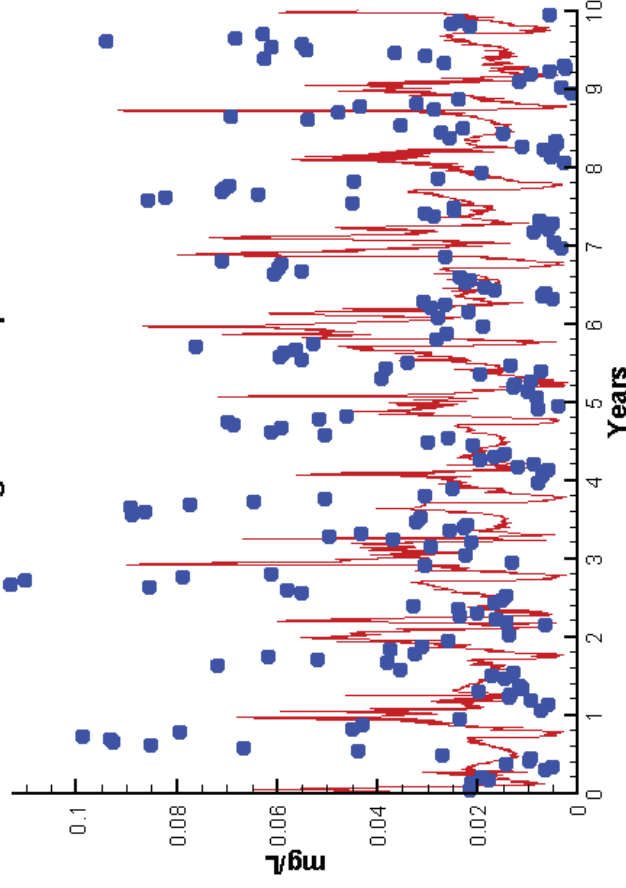
Run184 1991-2000
Light Extinction RET1.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen RET1.1 Surface

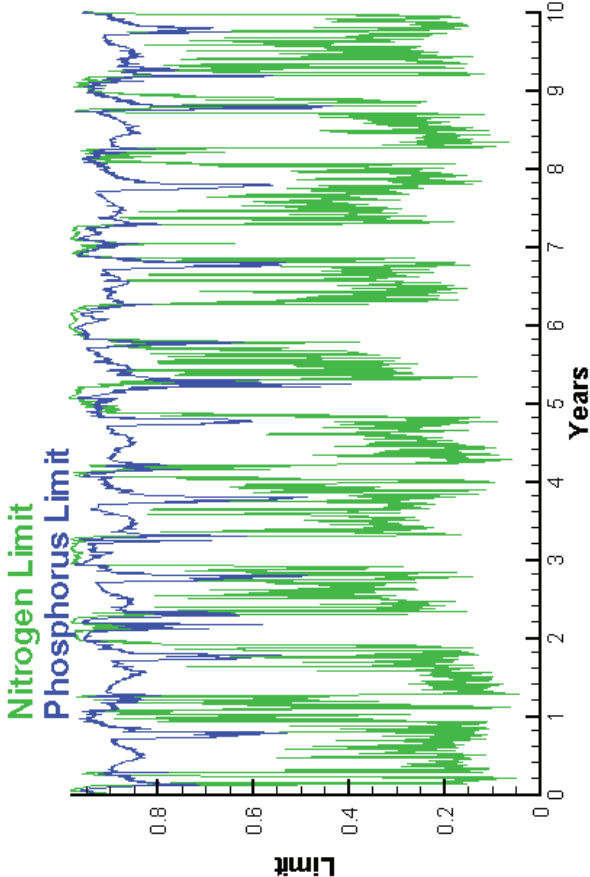


Run184 1991-2000
Dissolved Inorganic Phosphorus RET1.1 Surface

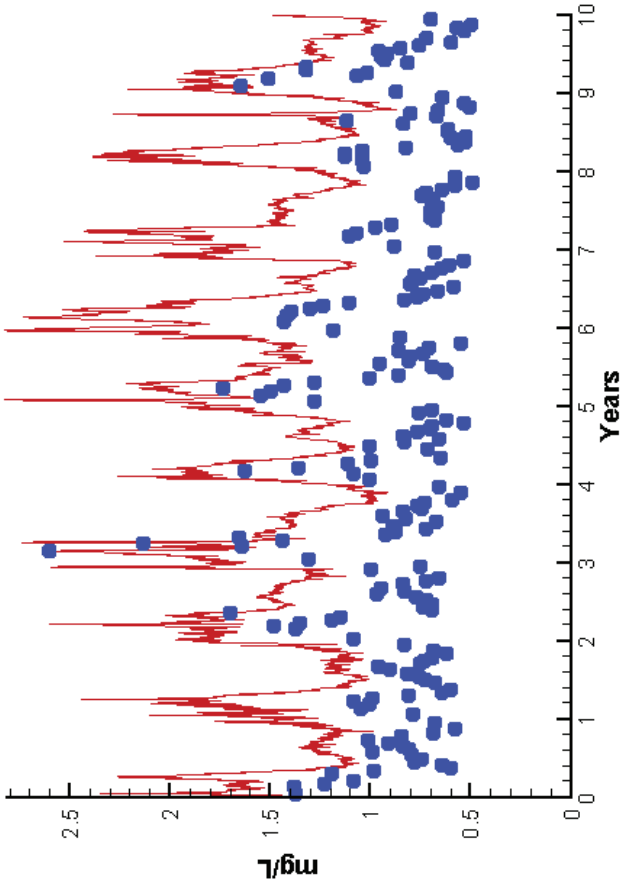


Station RET1.1

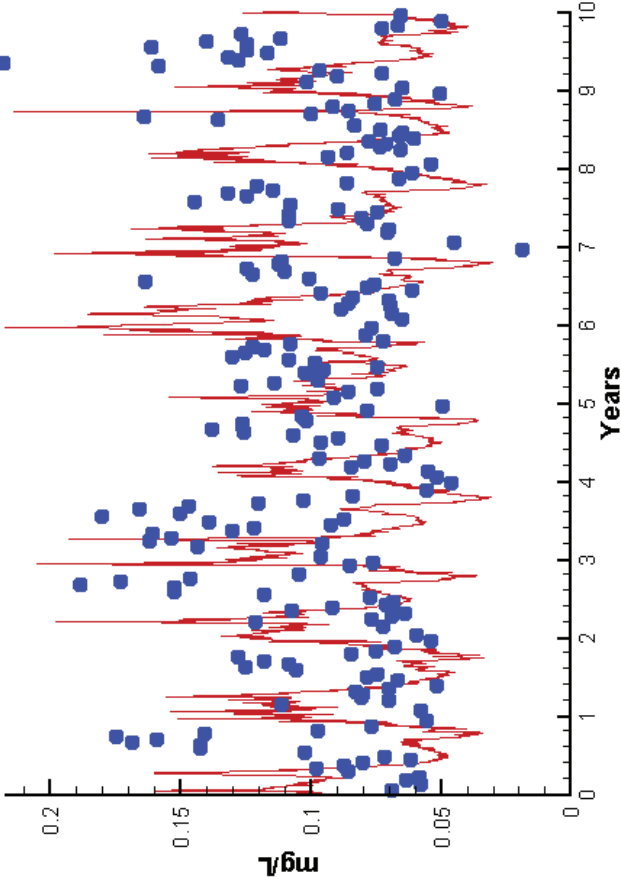
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen RET1.1 Surface



Run184 1991-2000
Total Phosphorus RET1.1 Surface



Mean Difference

Absolute Mean Difference

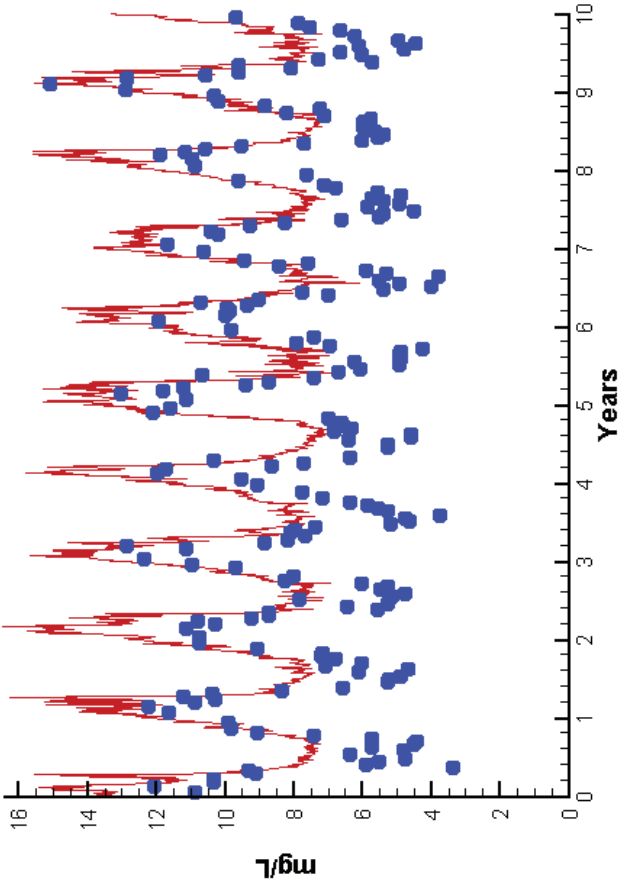
Chl
DIN
KE
DIP
TP
TN

-2.3830
-0.0466
-1.3761
-0.0122
-0.0158
0.5953

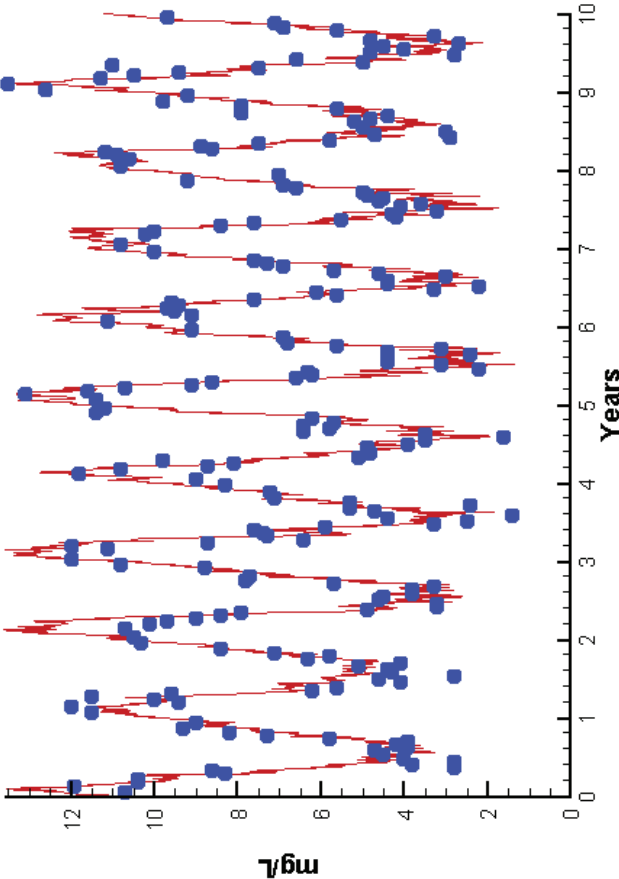
9.1561
0.1523
1.4440
0.0243
0.0443
0.6018

Station RET1.1

Run184 1991-2000
Dissolved Oxygen RET1.1 Surface



Run184 1991-2000
Dissolved Oxygen RET1.1 Bottom



Mean Difference

Top DO
Bot DO

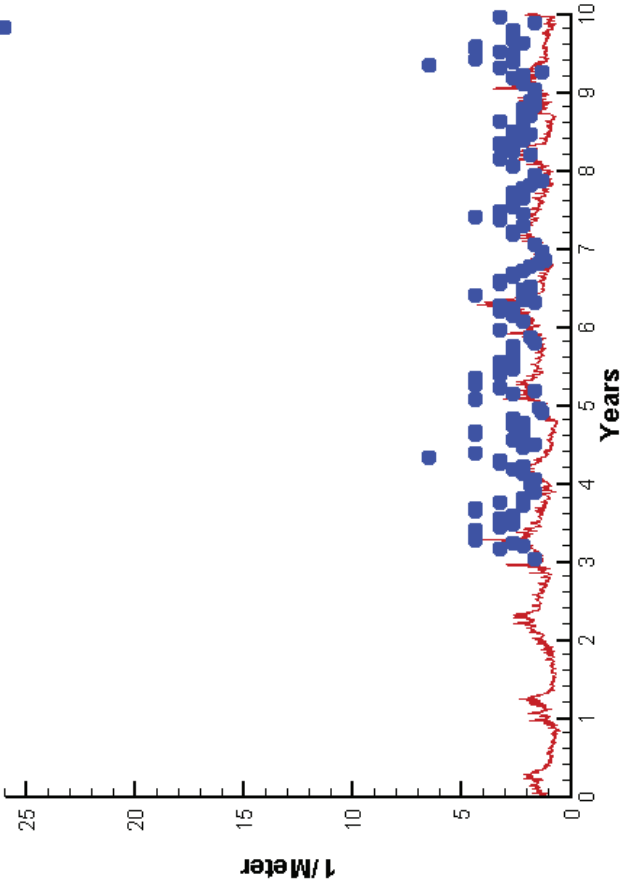
1.8794
0.0075

1.9556
0.9490

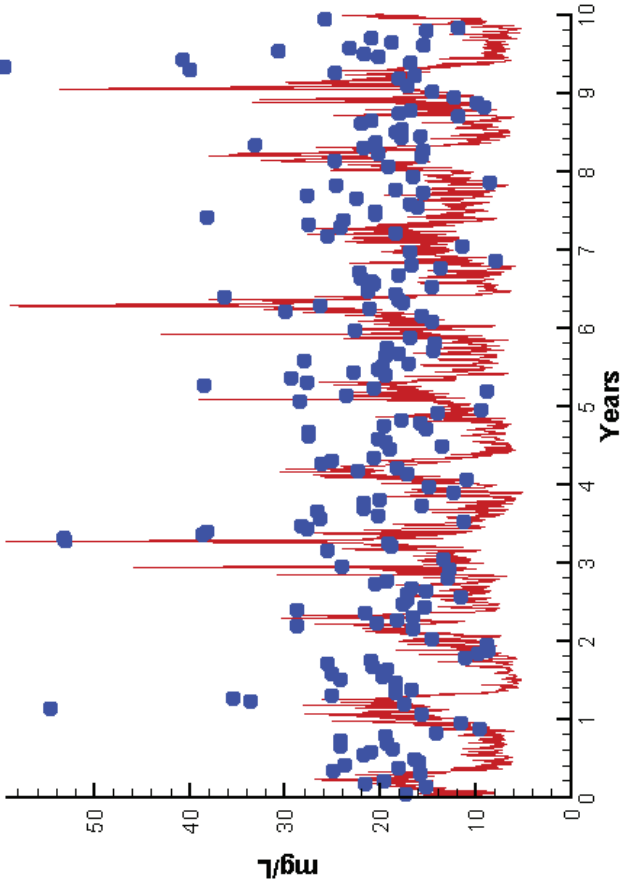
Absolute Mean Difference

Station RET1.1

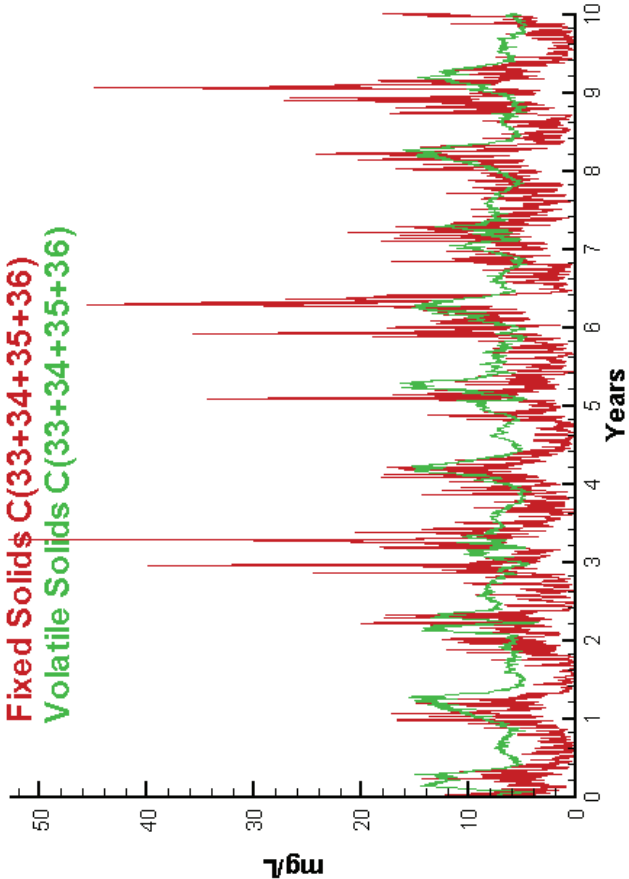
Run184 1991-2000
Light Extinction RET1.1 Surface



Run184 1991-2000
Total Solids RET1.1 Surface



Run184 1991-2000
Solids Surface



Mean Difference Absolute Mean Difference

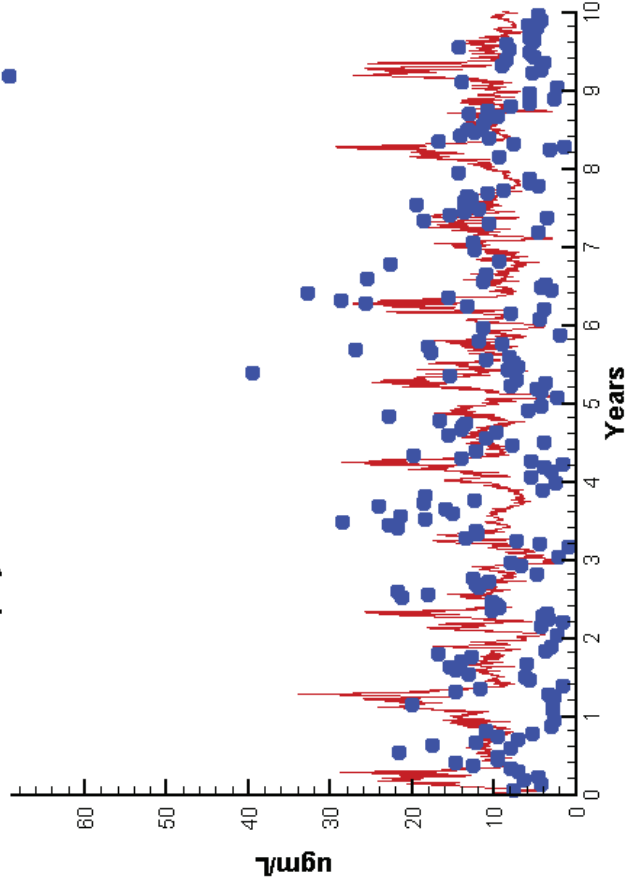
-1.3761
-6.9241

1.4440
9.4873

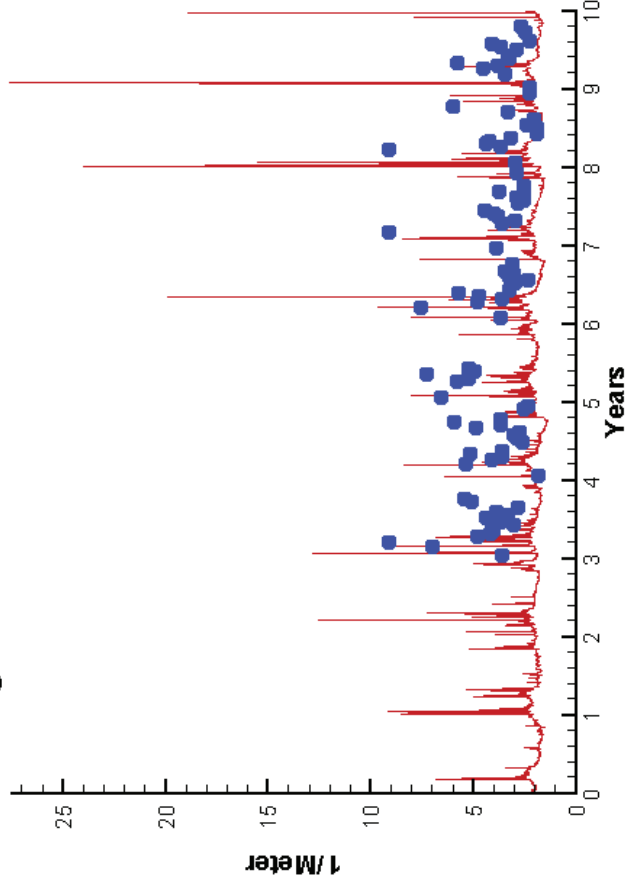
KE
TSS

Station TF1.7

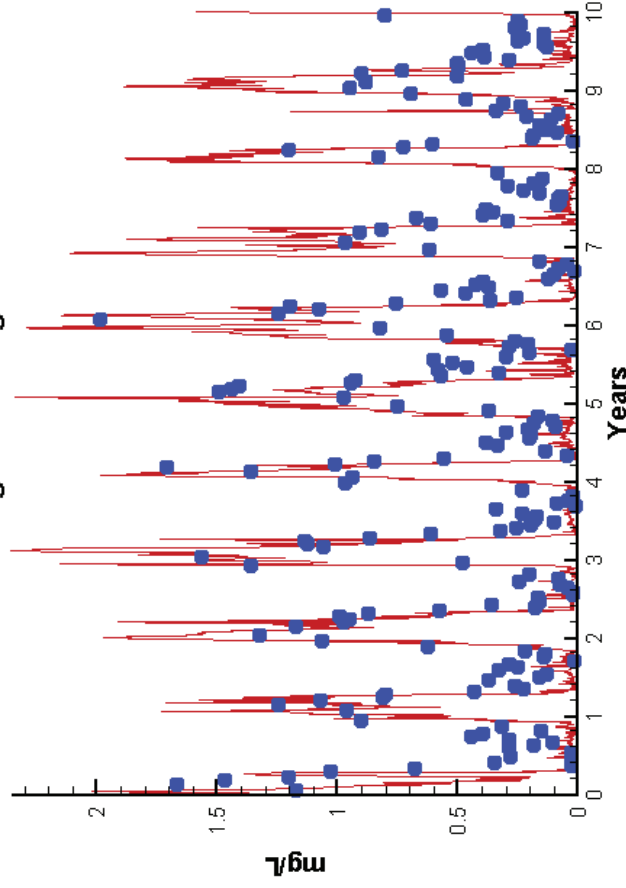
Run184 1991-2000
Chlorophyll TF1.7 Surface



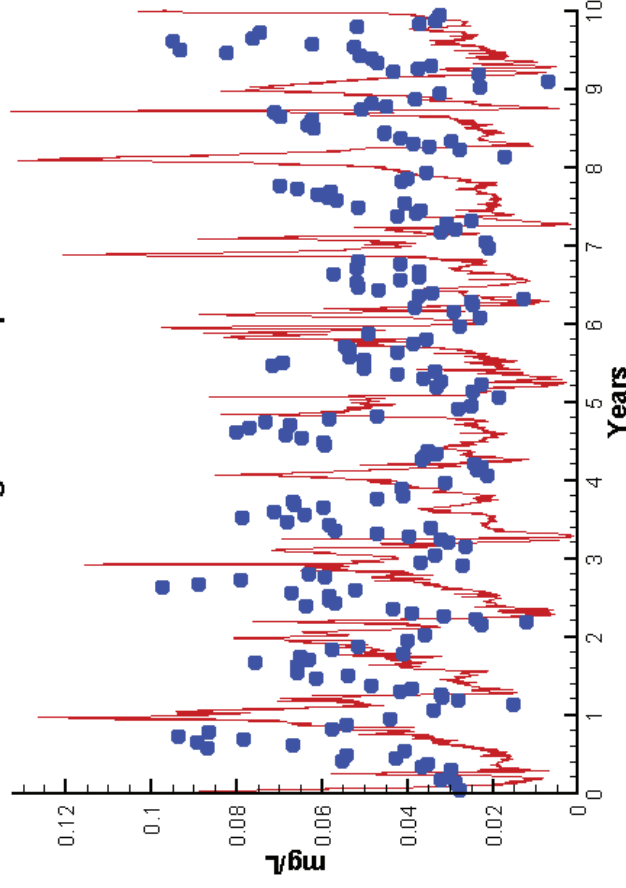
Run184 1991-2000
Light Extinction TF1.7 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen TF1.7 Surface

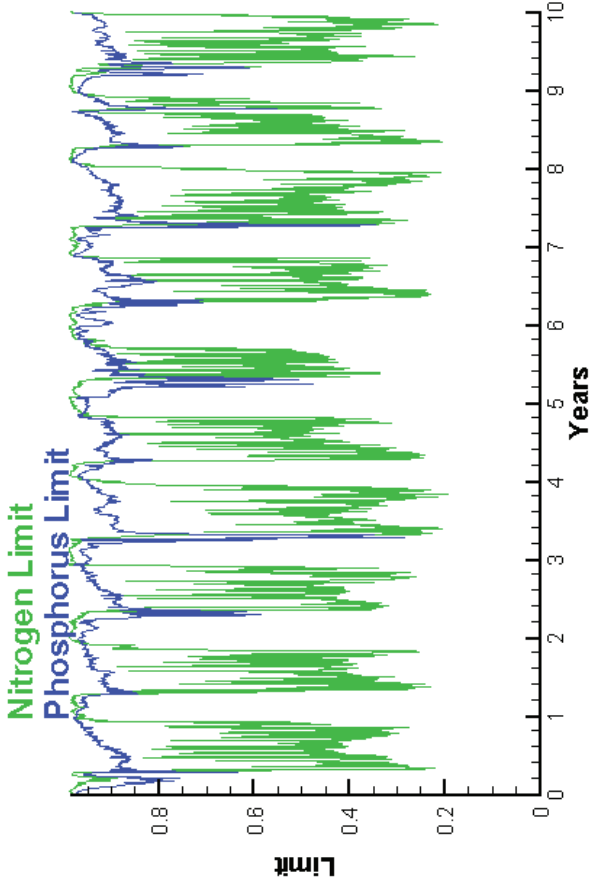


Run184 1991-2000
Dissolved Inorganic Phosphorus TF1.7 Surface

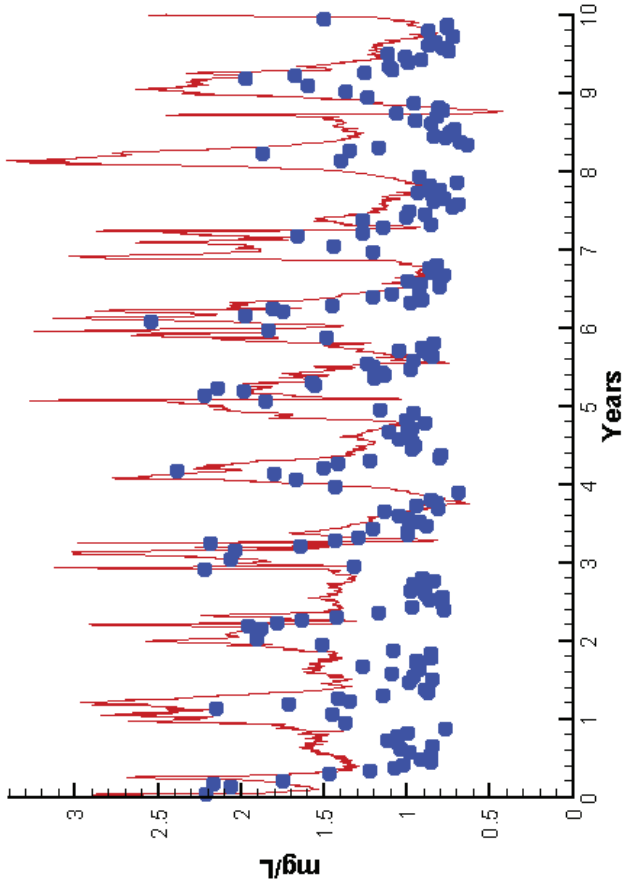


Station TF1.7

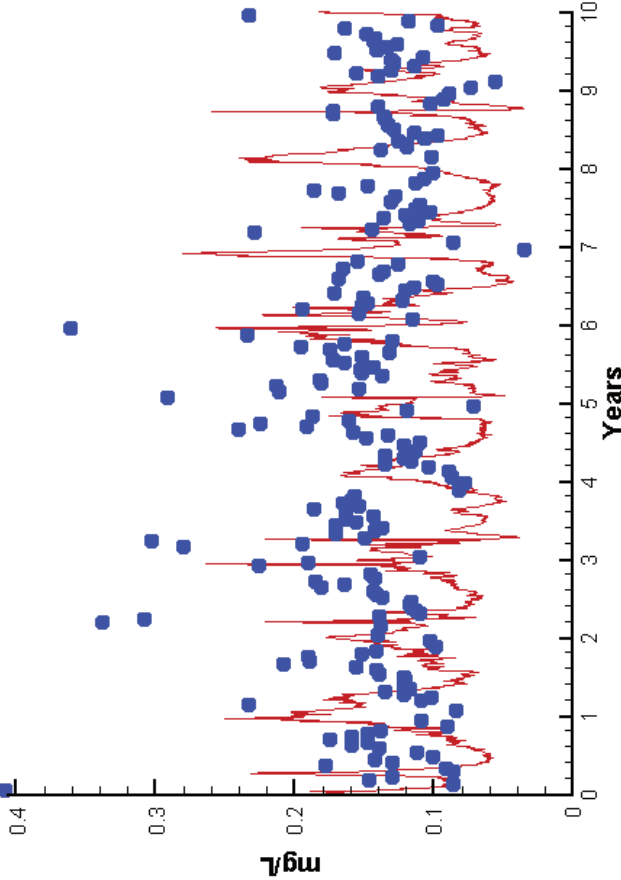
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen TF1.7 Surface



Run184 1991-2000
Total Phosphorus TF1.7 Surface



Mean Difference

Absolute Mean Difference

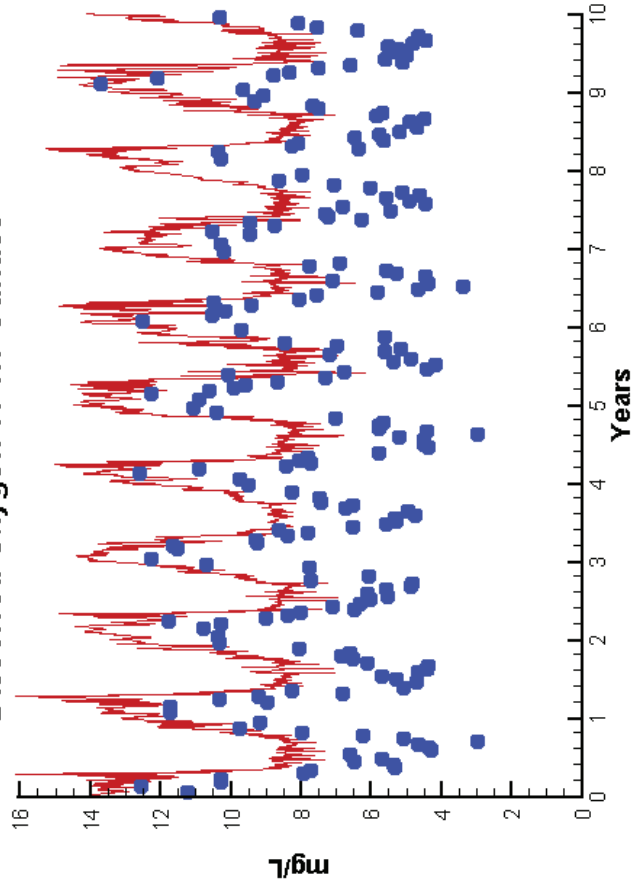
Chl
DIN
KE
DIP
TP
TN

1.3660
-0.1587
-1.7621
-0.0155
-0.0477
0.3793

6.9875
0.2775
1.8987
0.0278
0.0622
0.4402

Station TF1.7

Run184 1991-2000
Dissolved Oxygen TF1.7 Surface



Mean Difference

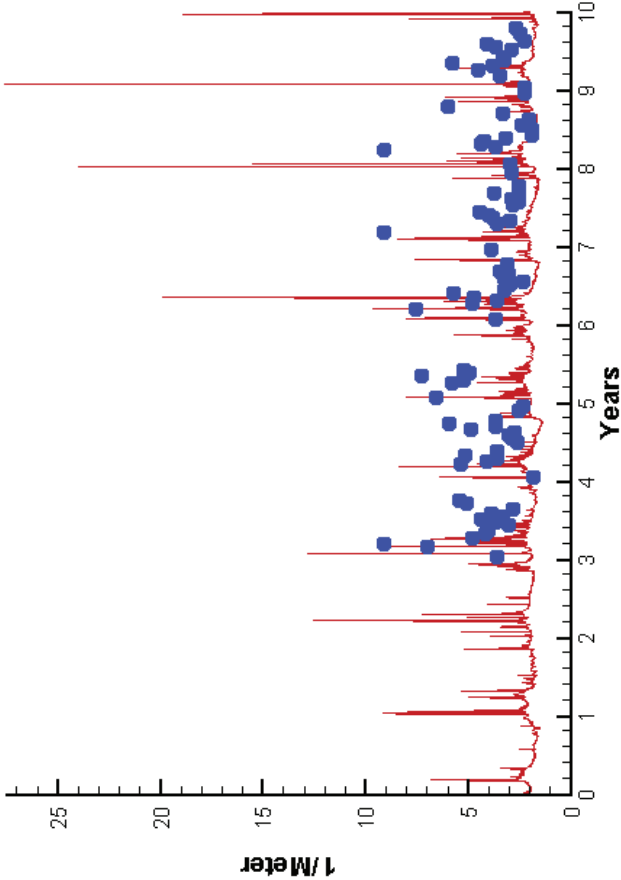
Top DO 2.8857

Absolute Mean Difference

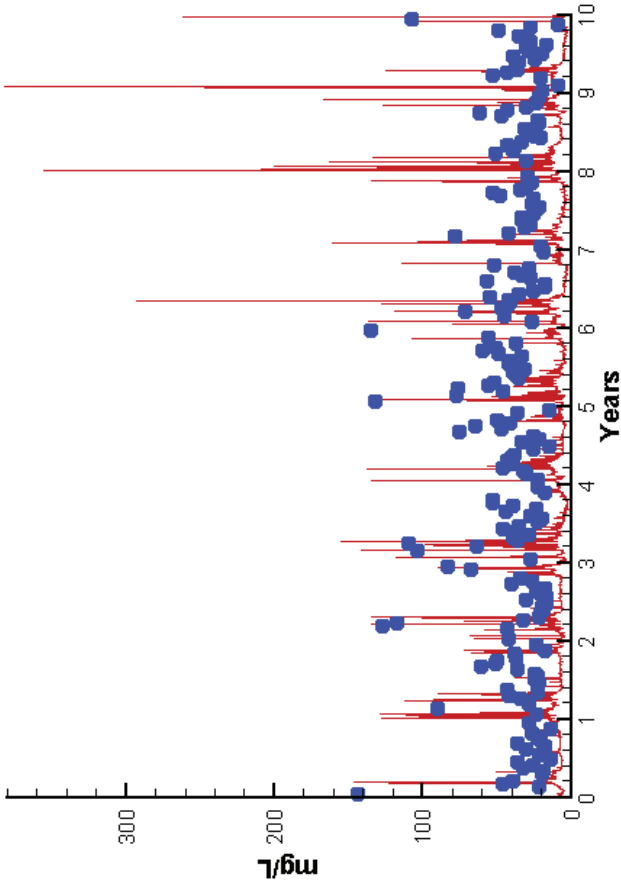
2.9024

Station TF1.7

Run184 1991-2000
Light Extinction TF1.7 Surface

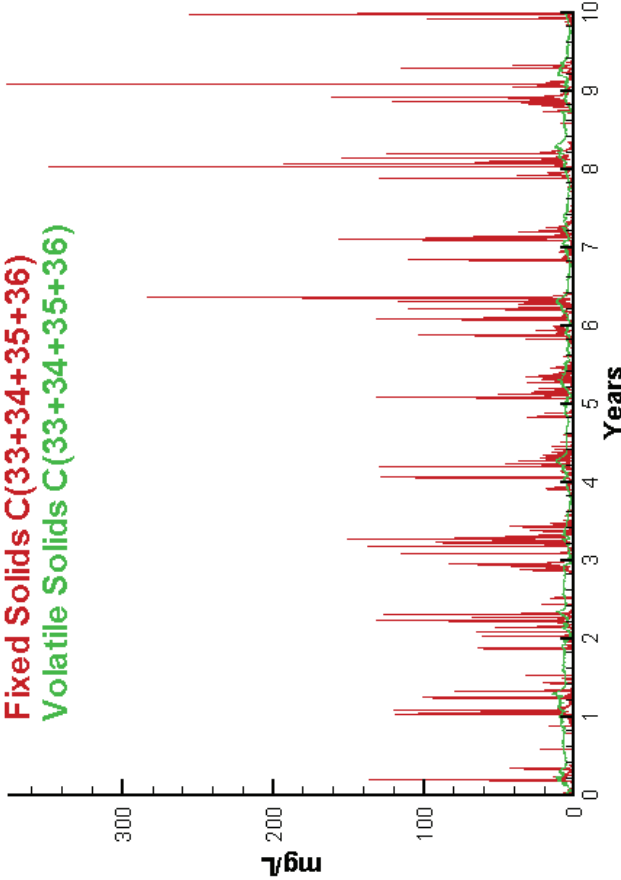


Run184 1991-2000
Total Solids TF1.7 Surface



Run184 1991-2000
Solids Surface

Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)



Mean Difference

Absolute Mean Difference

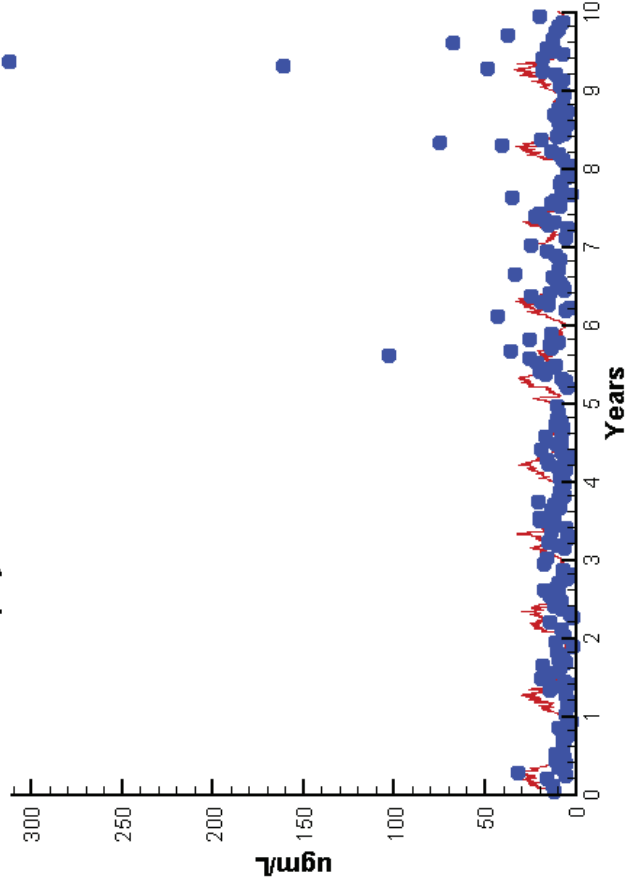
KE
TSS

-1.7621
-26.5219

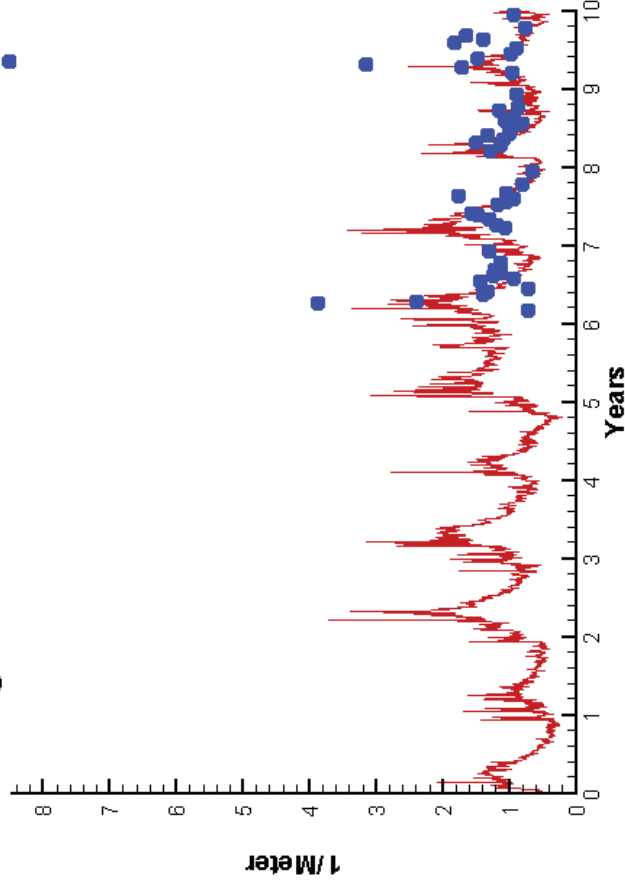
1.8987
29.3791

Station LE2.2

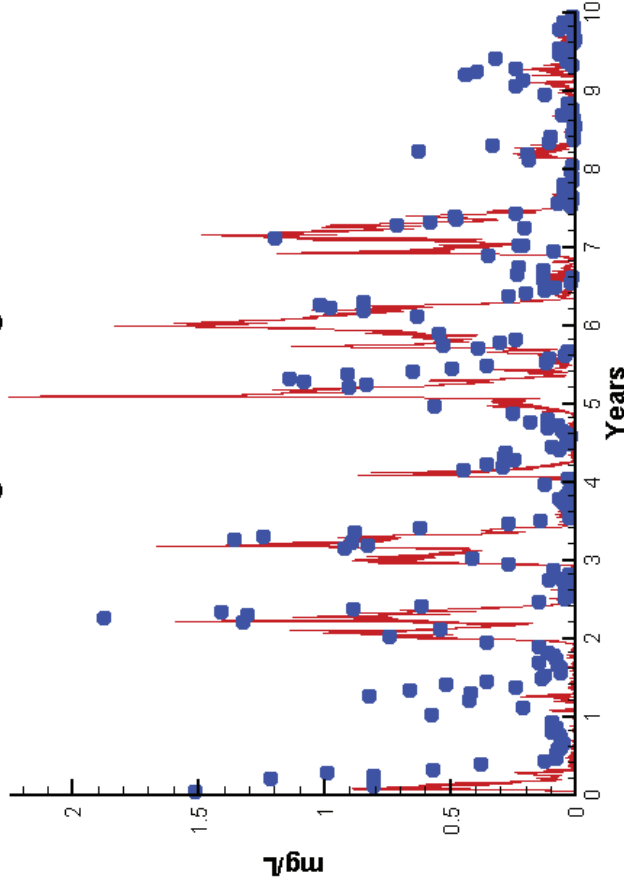
Run184 1991-2000
Chlorophyll LE2.2 Surface



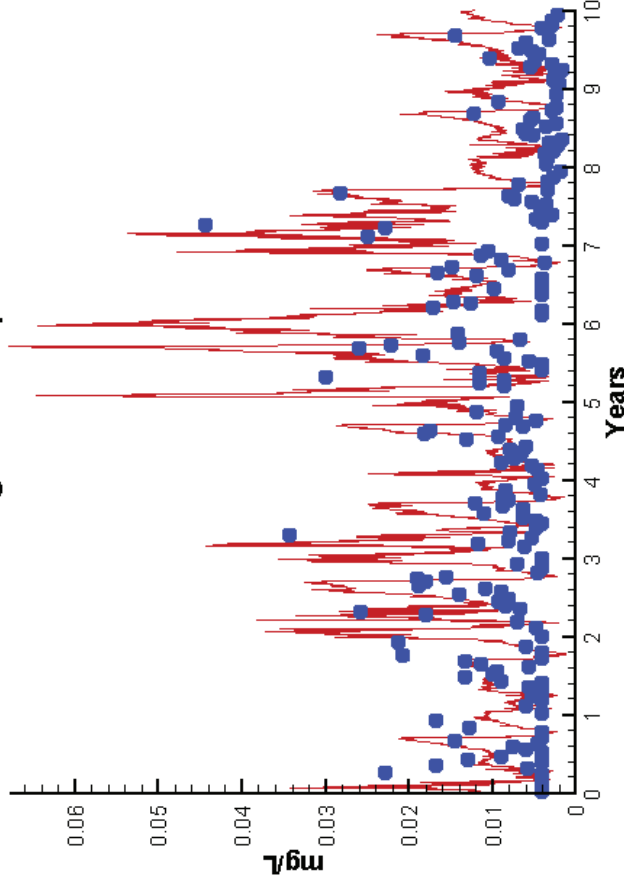
Run184 1991-2000
Light Extinction LE2.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen LE2.2 Surface

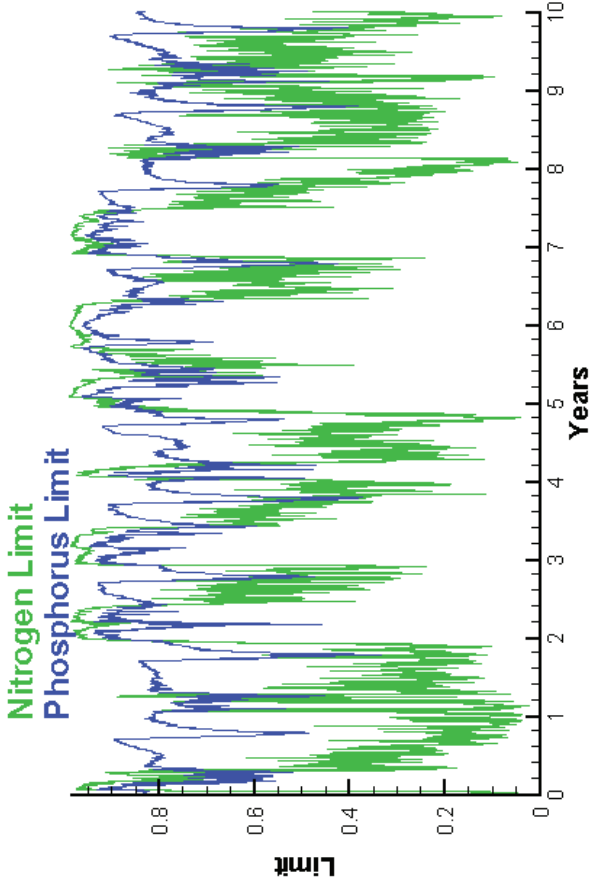


Run184 1991-2000
Dissolved Inorganic Phosphorus LE2.2 Surface

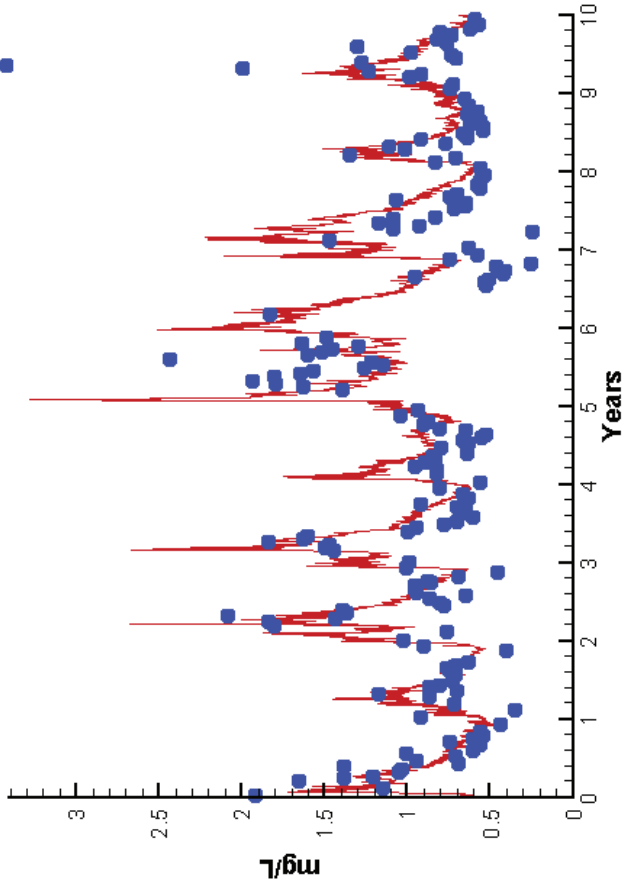


Station LE2.2

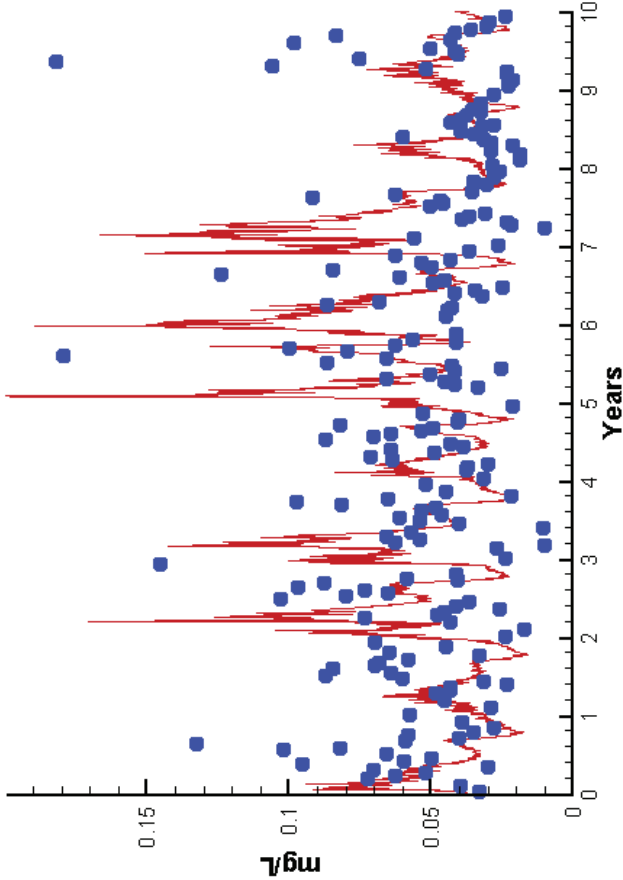
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen LE2.2 Surface



Run184 1991-2000
Total Phosphorus LE2.2 Surface



Mean Difference

Absolute Mean Difference

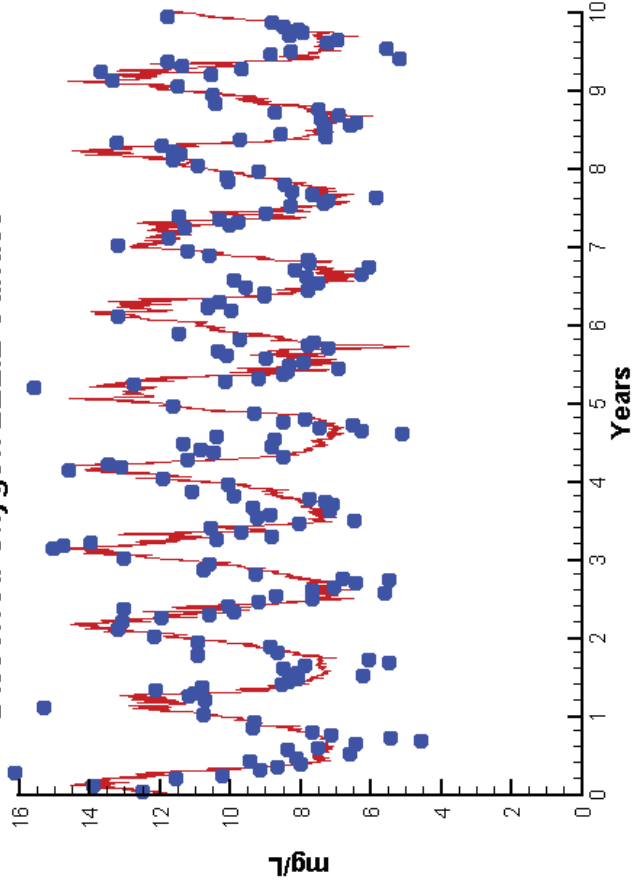
Chl
DIN
KE
DIP
TP
TN

-0.4570
-0.1439
-0.2791
0.0050
-0.0011
0.0687

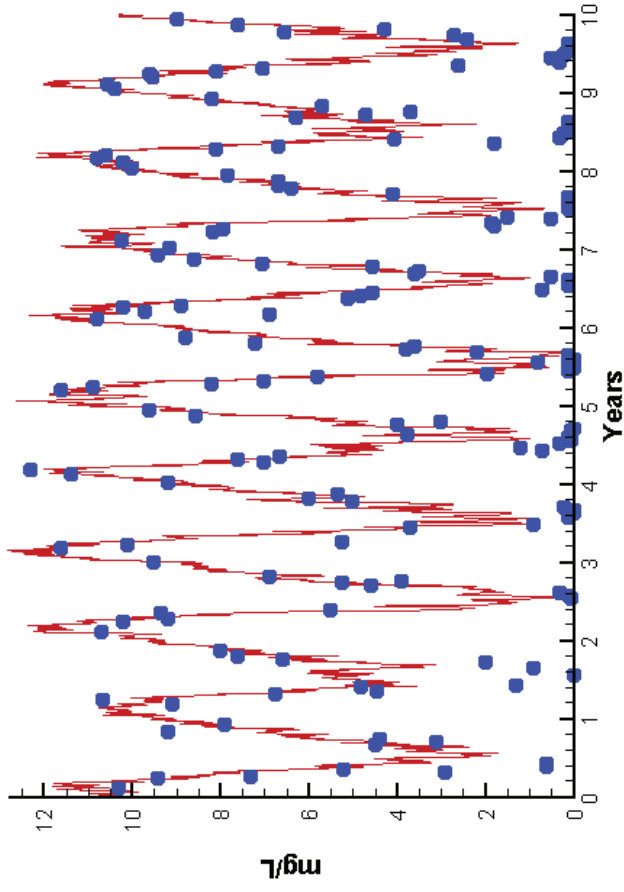
9.9258
0.1983
0.5682
0.0076
0.0254
0.2471

Station LE2.2

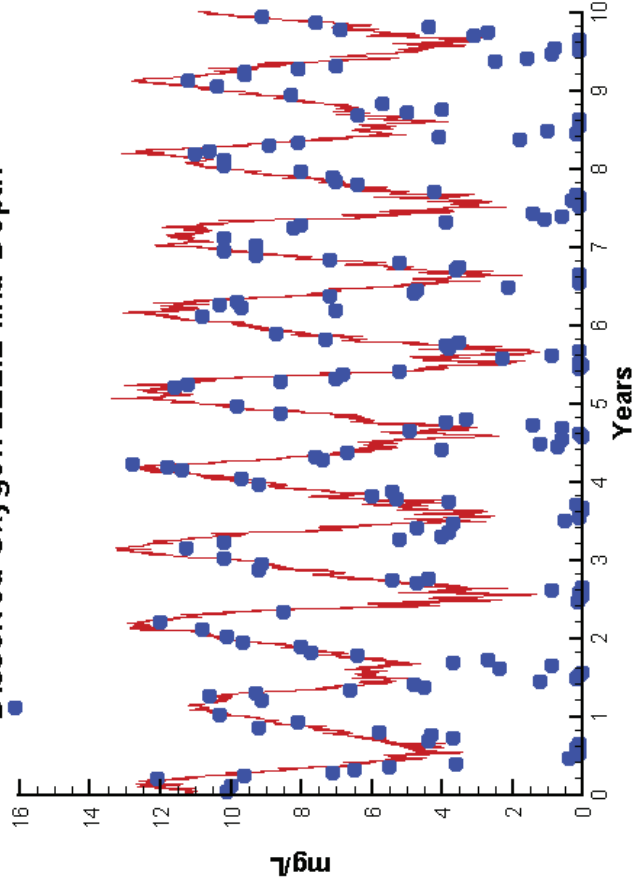
Run184 1991-2000
Dissolved Oxygen LE2.2 Surface



Run184 1991-2000
Dissolved Oxygen LE2.2 Bottom



Run184 1991-2000
Dissolved Oxygen LE2.2 Mid-Depth



Mean Difference

Absolute Mean Difference

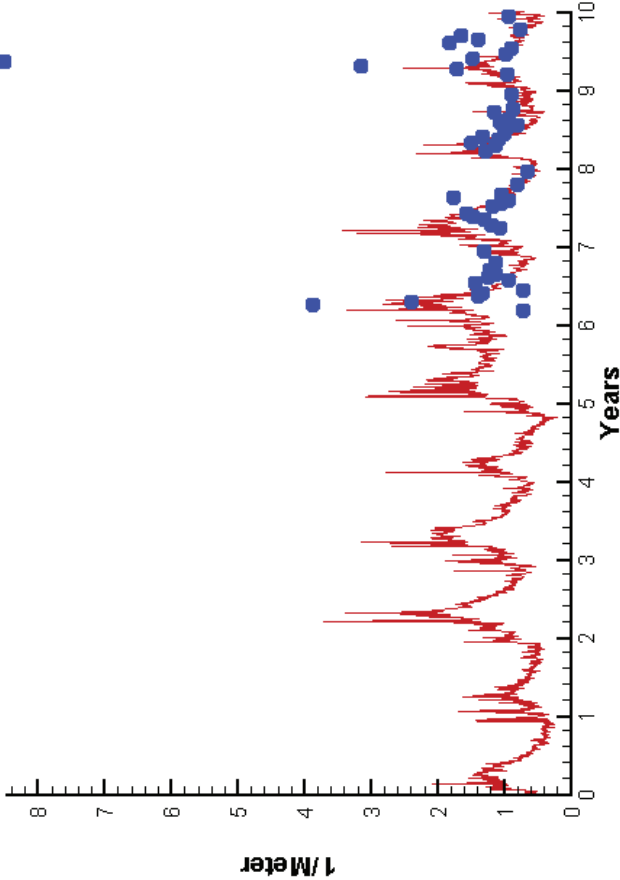
Top DO
Mid DO
Bot DO

-0.1311
2.1933
1.2576

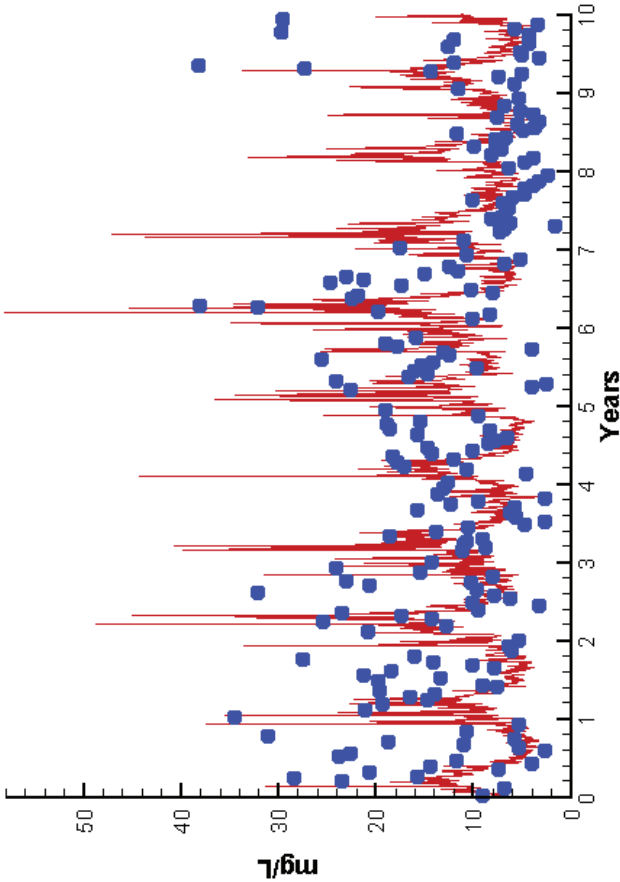
1.0974
2.3995
1.7078

Station LE2.2

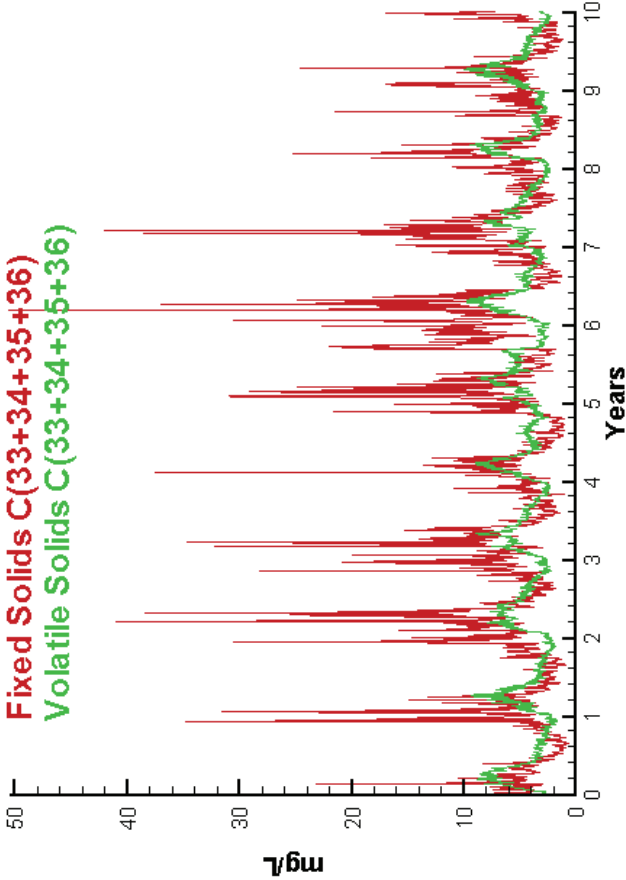
Run184 1991-2000
Light Extinction LE2.2 Surface



Run184 1991-2000
Total Solids LE2.2 Surface



Run184 1991-2000
Solids Surface



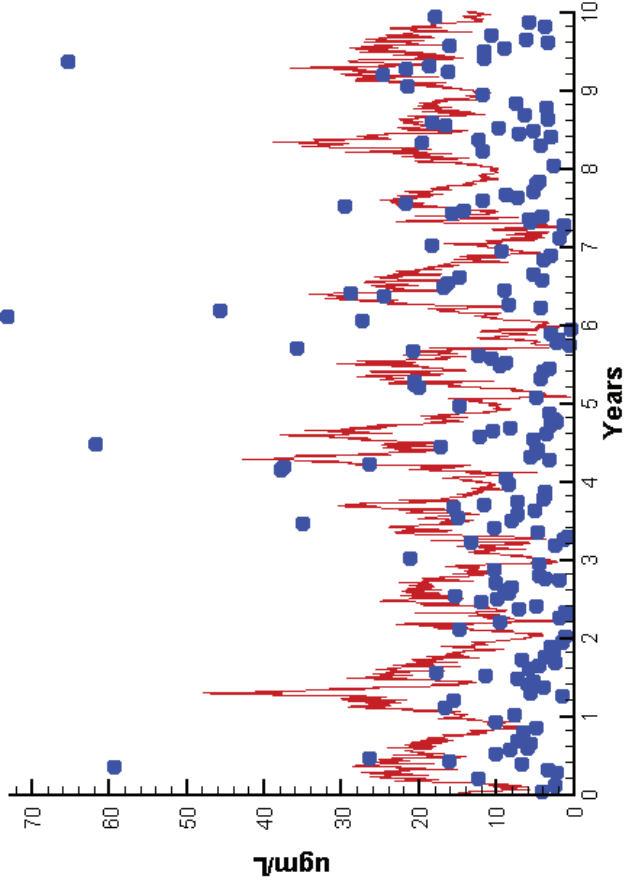
Mean Difference Absolute Mean Difference

KE -0.2791
TSS -2.5922

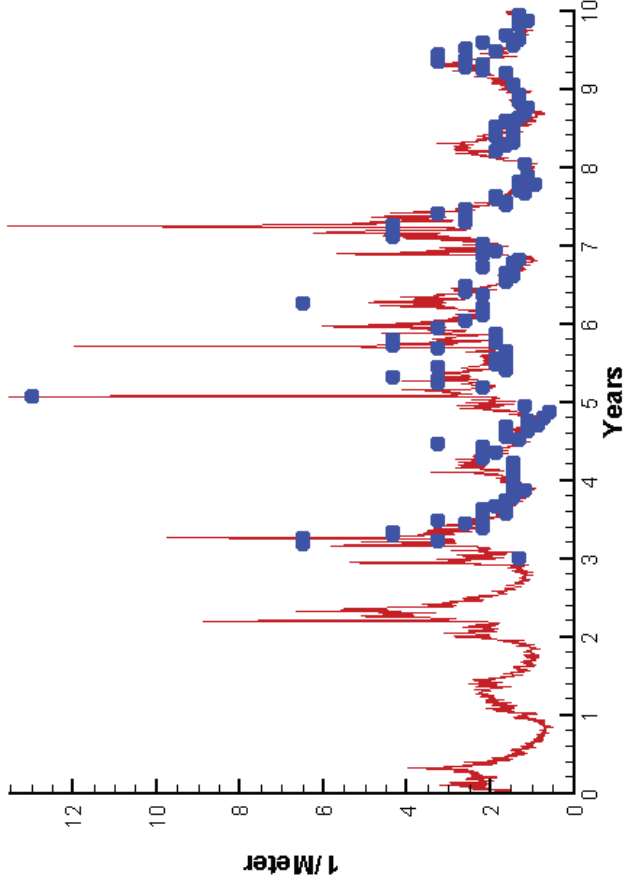
0.5682
6.7481

Station RET2.4

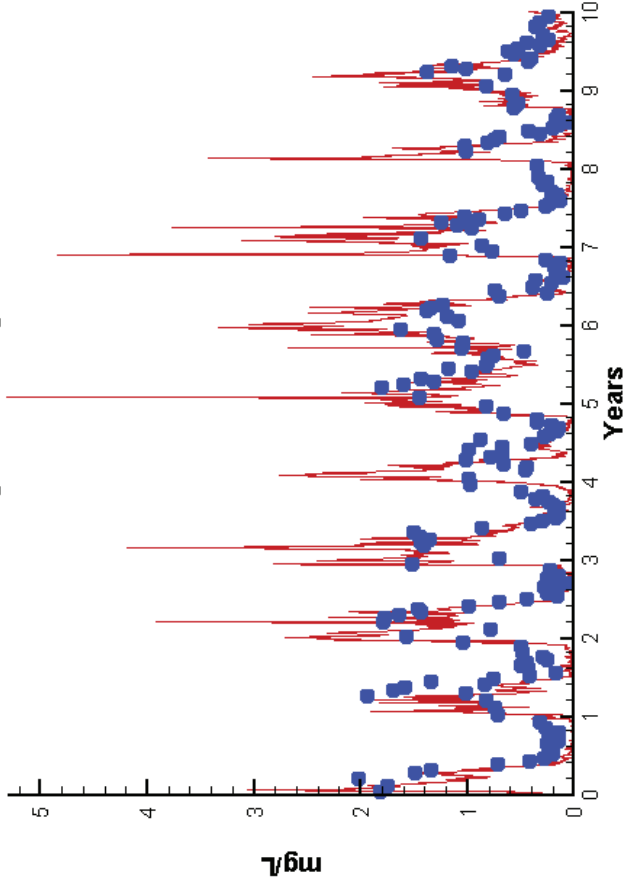
Run184 1991-2000
Chlorophyll RET2.4 Surface



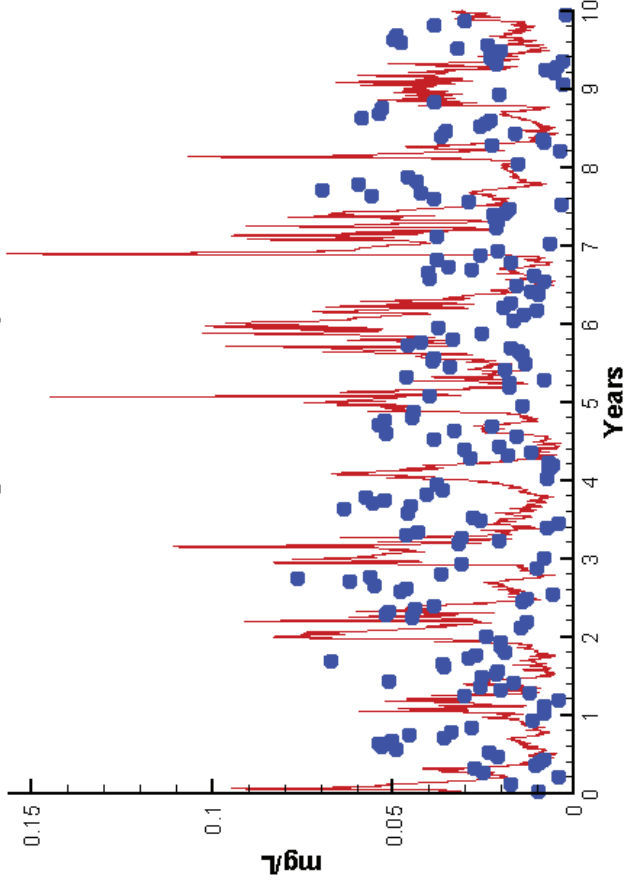
Run184 1991-2000
Light Extinction RET2.4 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen RET2.4 Surface

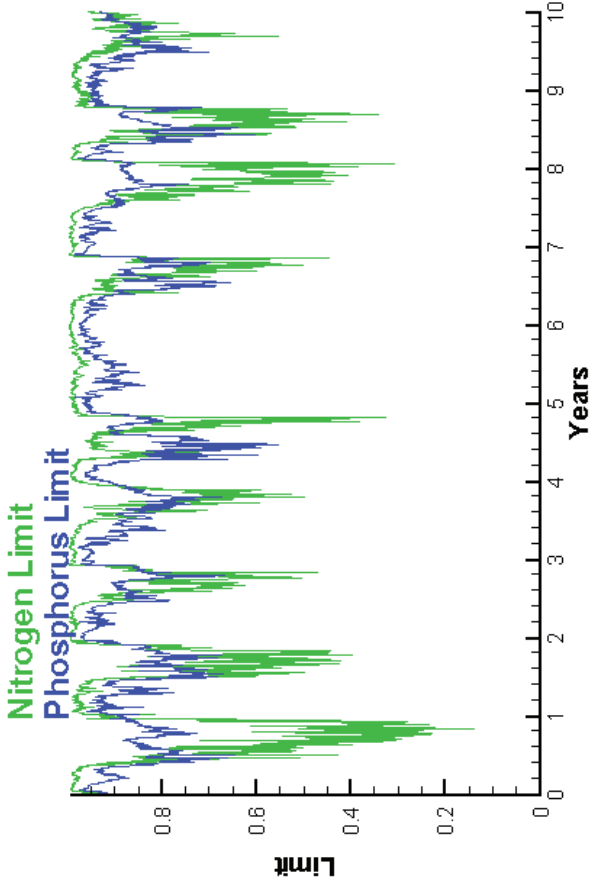


Run184 1991-2000
Dissolved Inorganic Phosphorus RET2.4 Surface

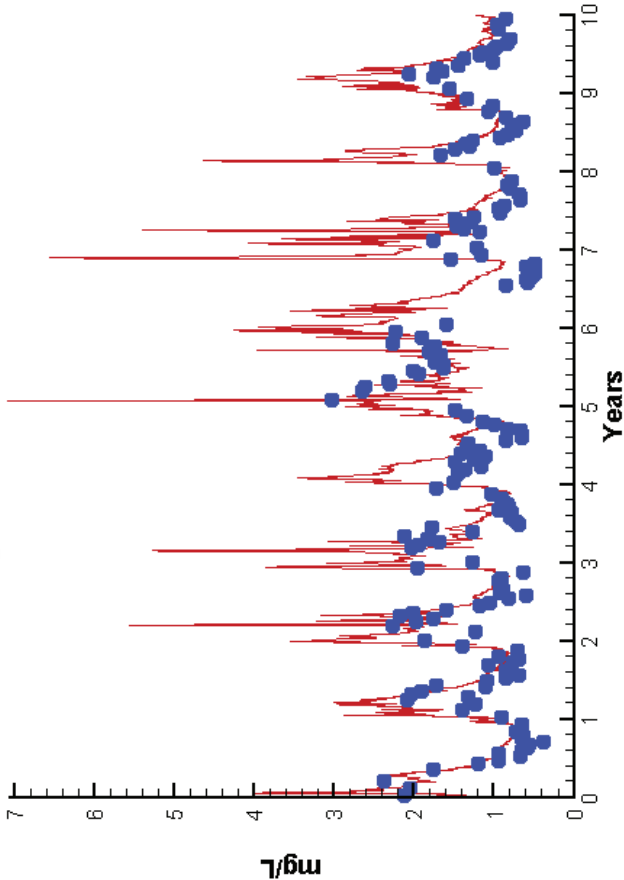


Station RET2.4

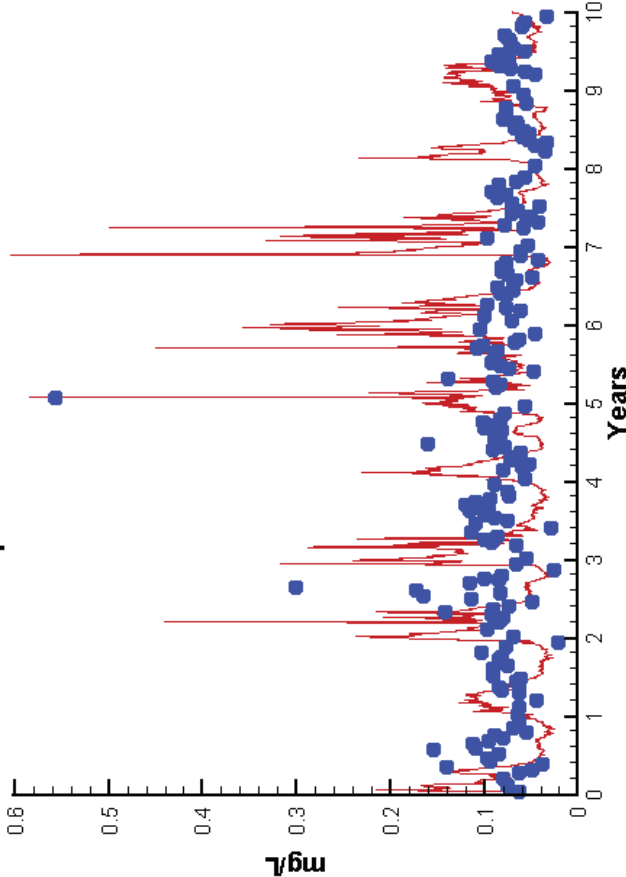
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen RET2.4 Surface



Run184 1991-2000
Total Phosphorus RET2.4 Surface



Mean Difference

Absolute Mean Difference

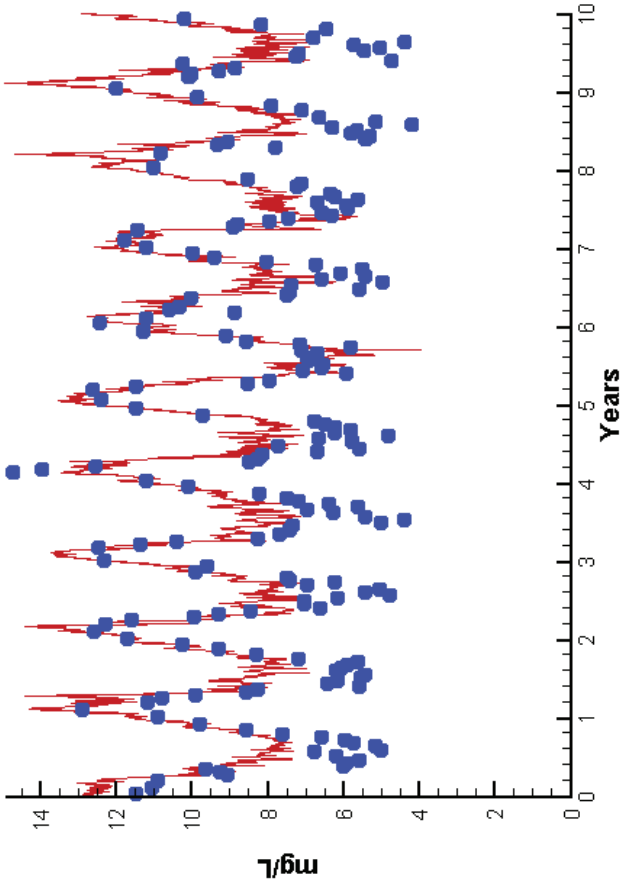
Chl
DIN
KE
DIP
TP
TN

7.7199
-0.0757
-0.0576
-0.0024
0.0018
0.3164

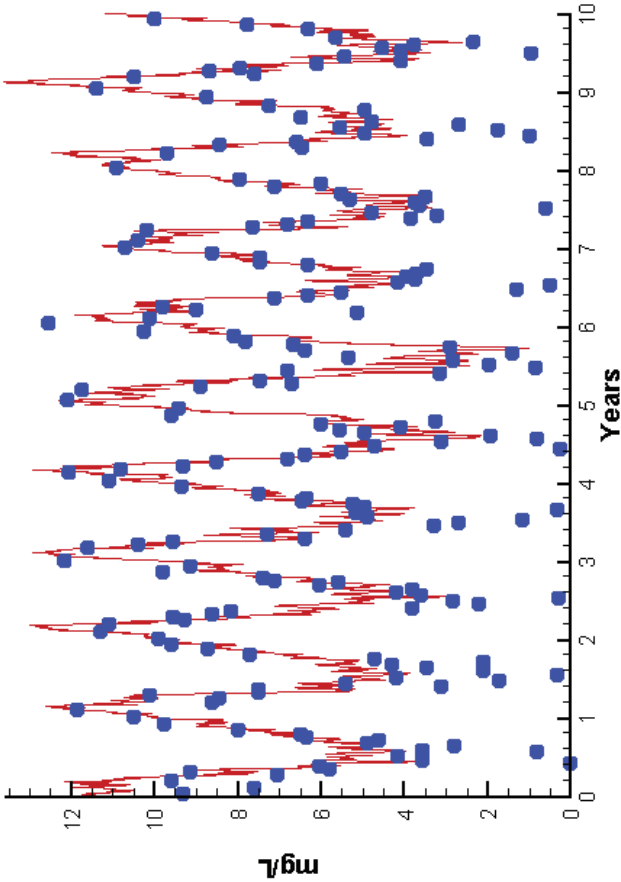
11.9846
0.3697
0.5856
0.0227
0.0507
0.4708

Station RET2.4

Run184 1991-2000
Dissolved Oxygen RET2.4 Surface



Run184 1991-2000
Dissolved Oxygen RET2.4 Bottom



Mean Difference

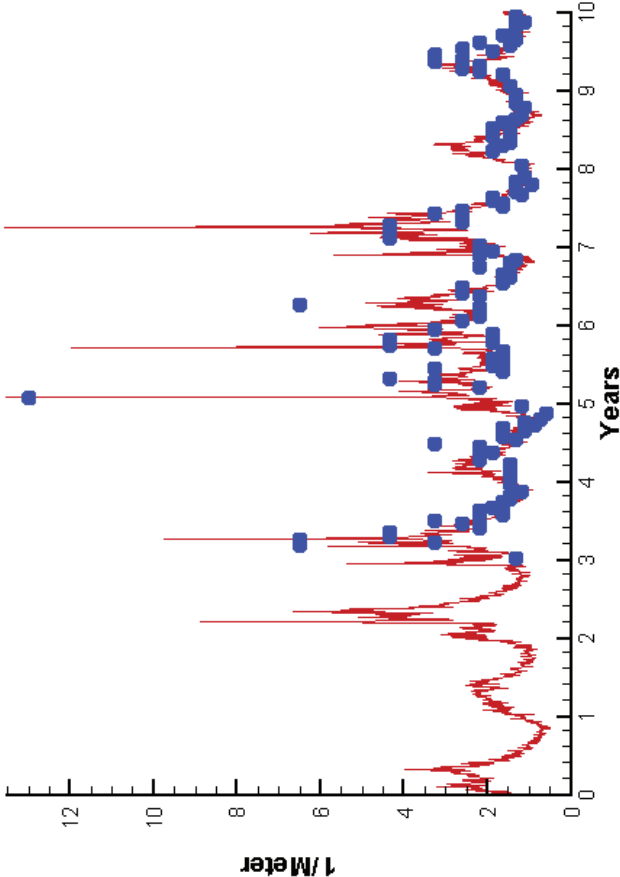
Top DO 1.2607
Bot DO 0.6136

Absolute Mean Difference

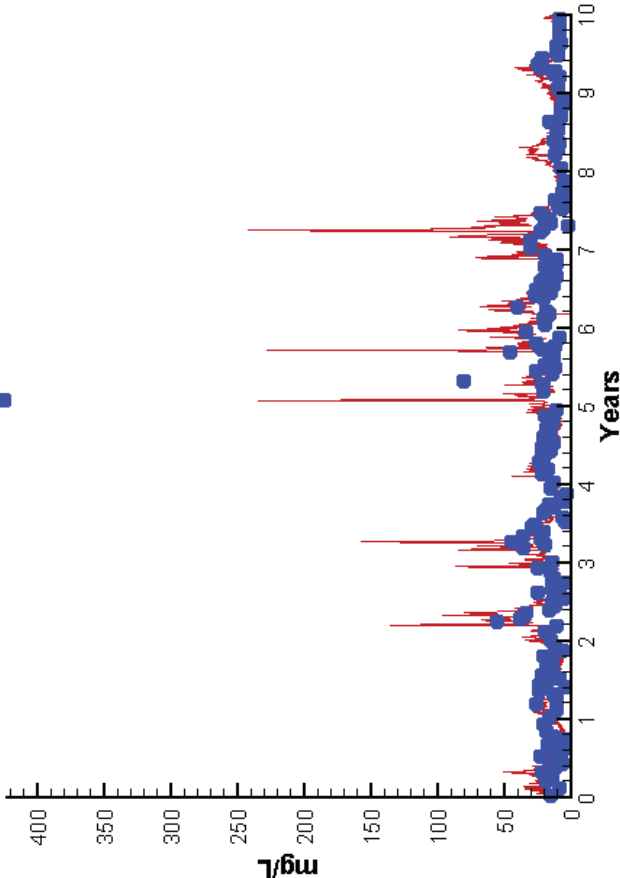
1.5232
1.2987

Station RET2.4

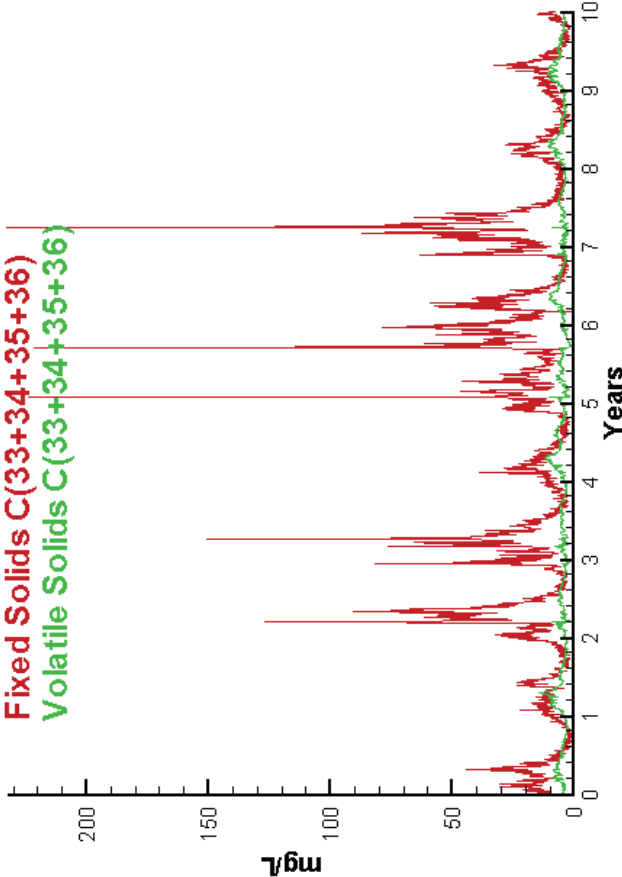
Run184 1991-2000
Light Extinction RET2.4 Surface



Run184 1991-2000
Total Solids RET2.4 Surface



Run184 1991-2000
Solids Surface

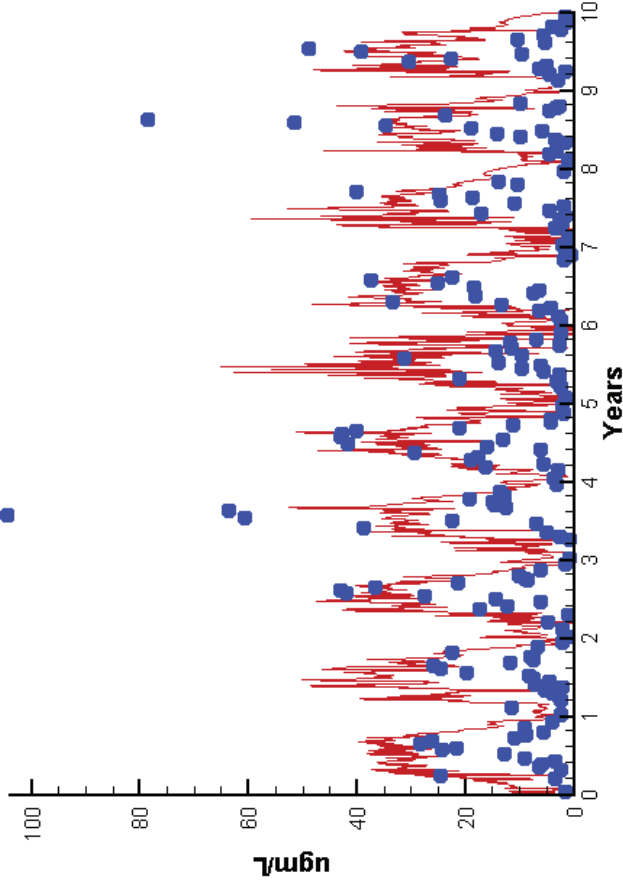


Mean Difference Absolute Mean Difference

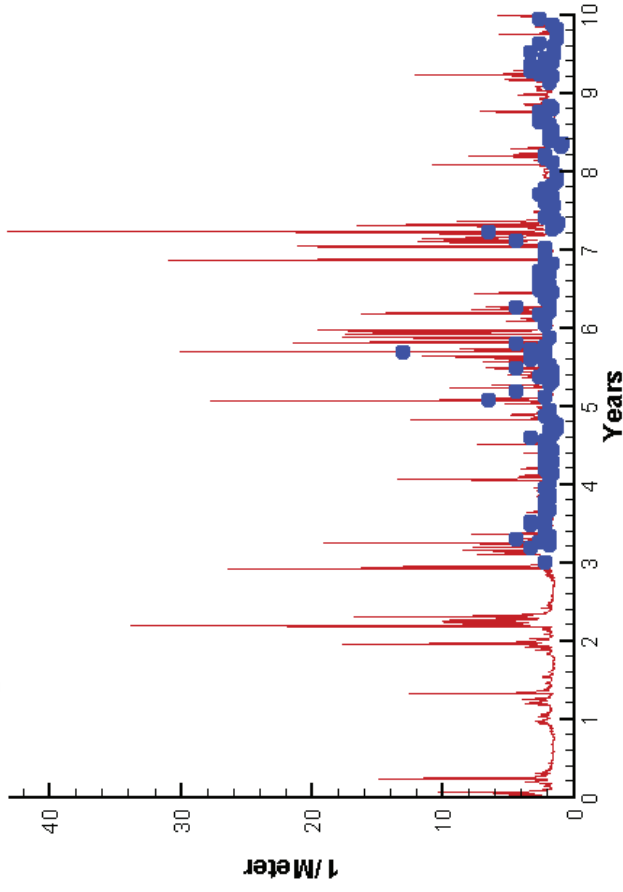
KE	-0.0576	0.5856
TSS	3.4061	11.9862

Station TF2.1

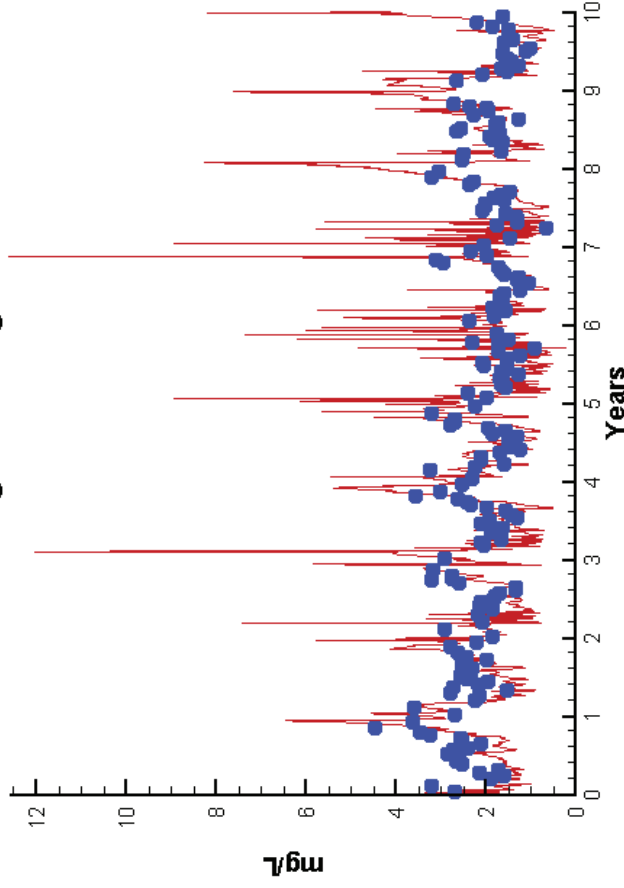
Run184 1991-2000
Chlorophyll TF2.1 Surface



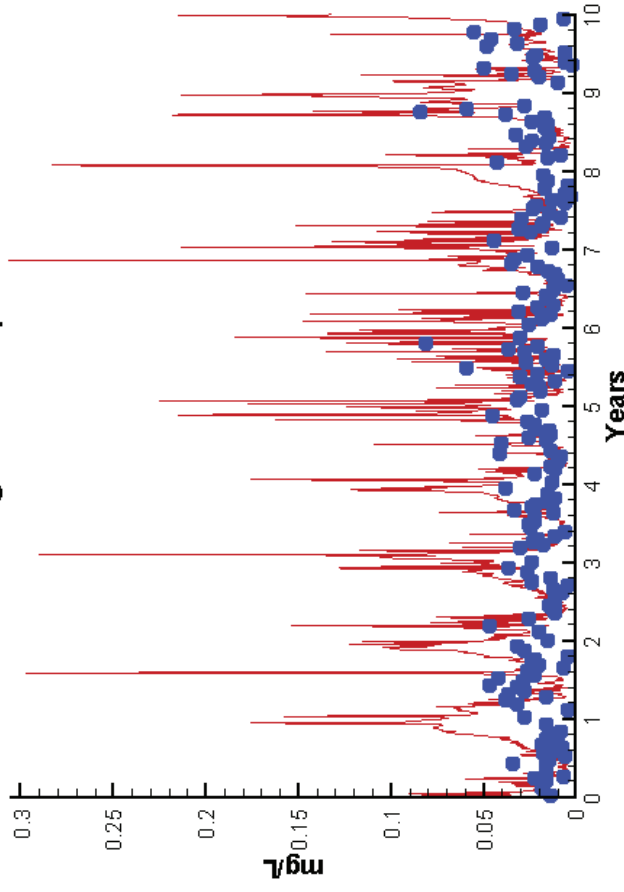
Run184 1991-2000
Light Extinction TF2.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen TF2.1 Surface

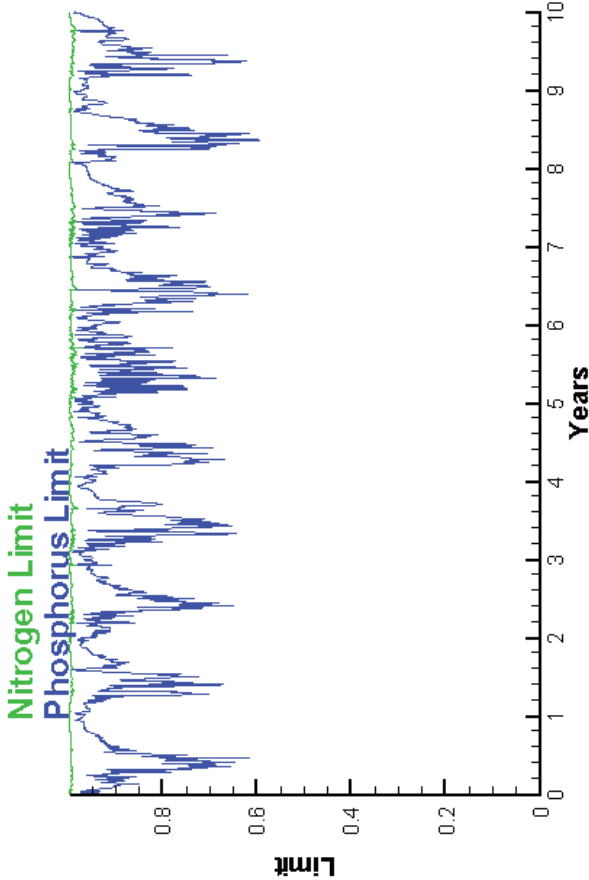


Run184 1991-2000
Dissolved Inorganic Phosphorus TF2.1 Surface

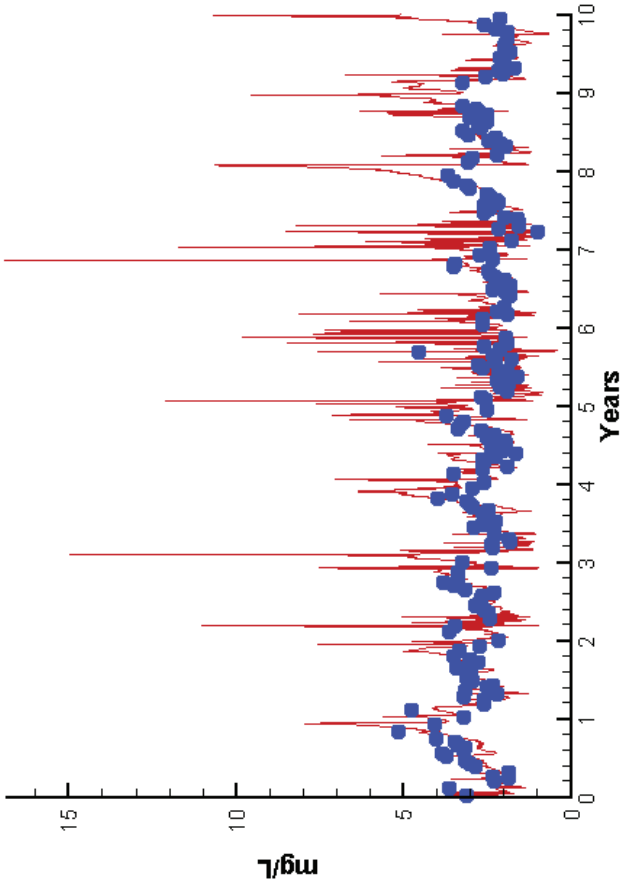


Station TF2.1

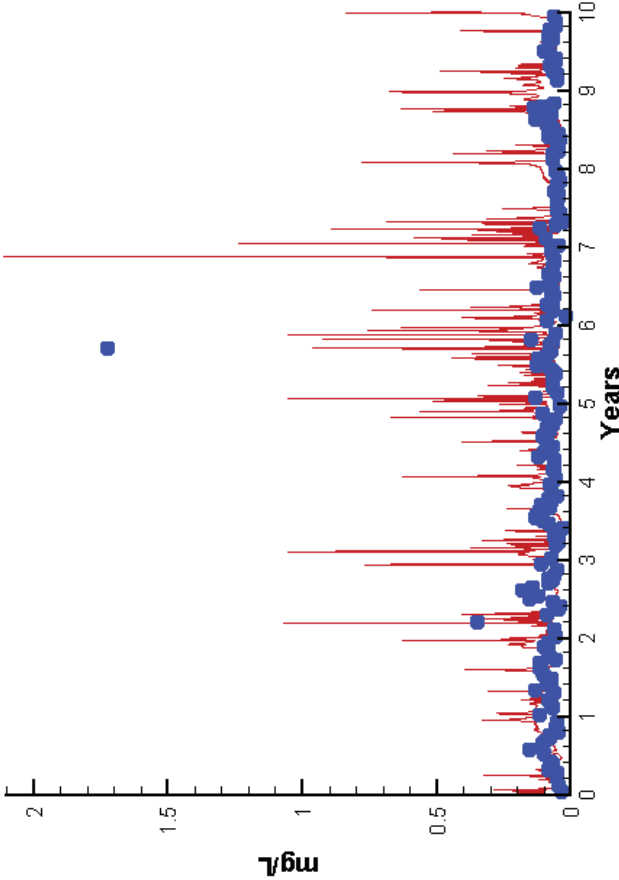
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen TF2.1 Surface



Run184 1991-2000
Total Phosphorus TF2.1 Surface



Mean Difference

Absolute Mean Difference

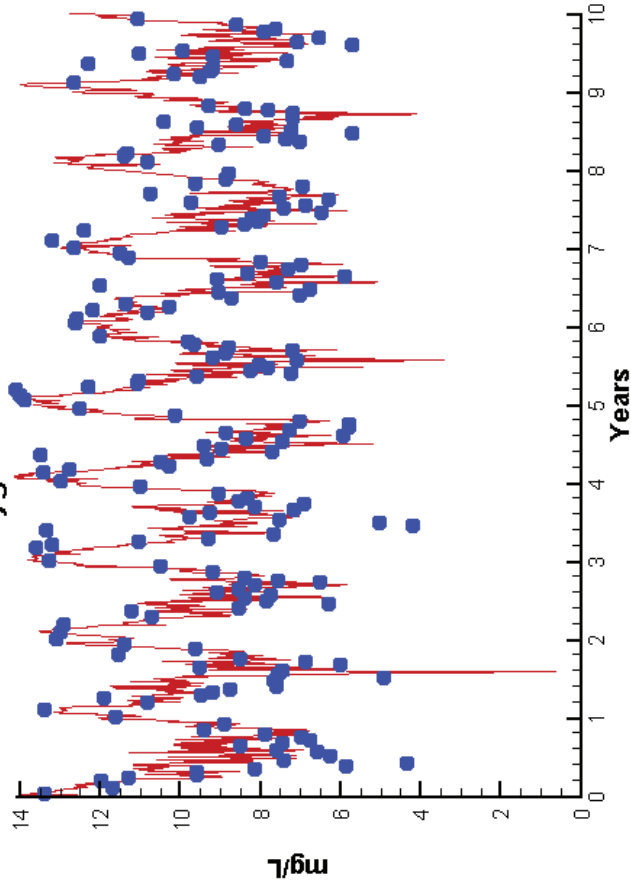
Chl
DIN
KE
DIP
TP
TN

11.8166
-0.2486
0.4815
0.0089
0.0141
0.0580

15.6702
0.6070
1.0772
0.0181
0.0580
0.6335

Station TF2.1

Run184 1991-2000
Dissolved Oxygen TF2.1 Surface



Mean Difference

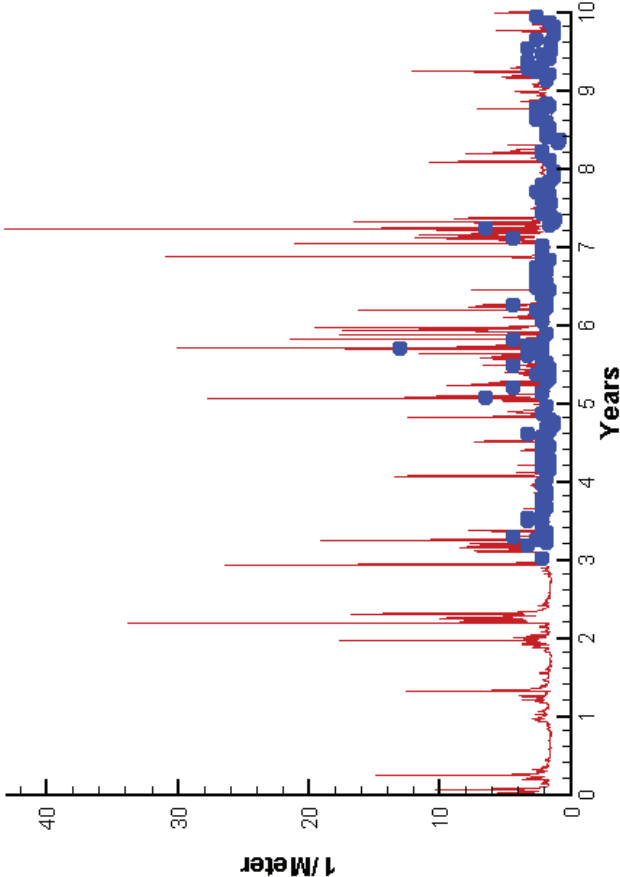
Top DO 0.4462

Absolute Mean Difference

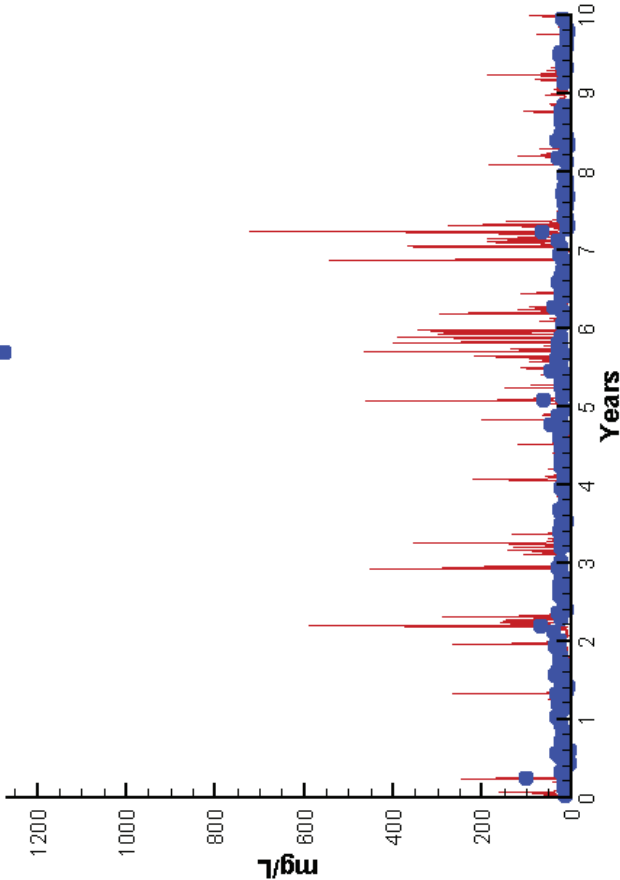
1.3211

Station TF2.1

Run184 1991-2000
Light Extinction TF2.1 Surface

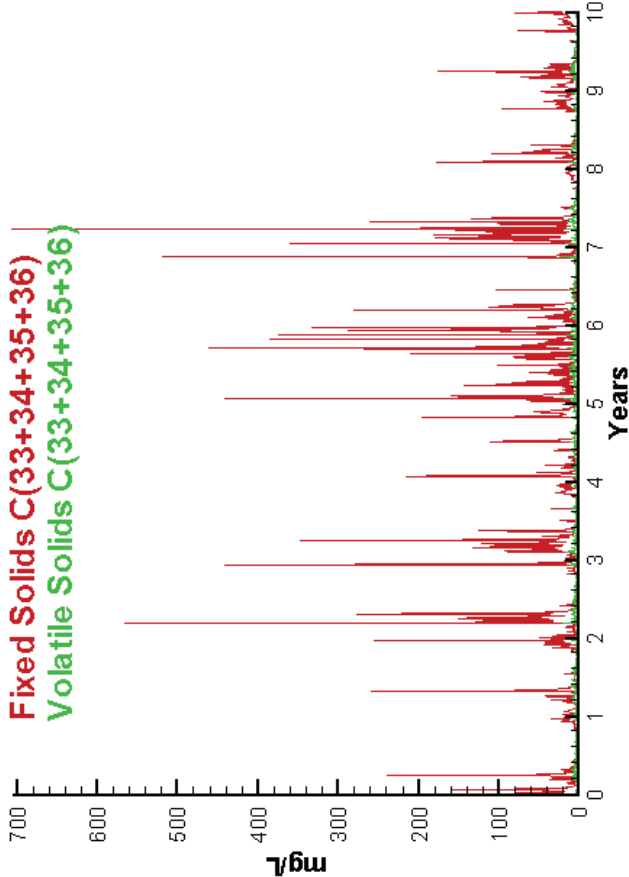


Run184 1991-2000
Total Solids TF2.1 Surface



Run184 1991-2000
Solids Surface

Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)



Mean Difference

Absolute Mean Difference

KE

0.4815

1.0772

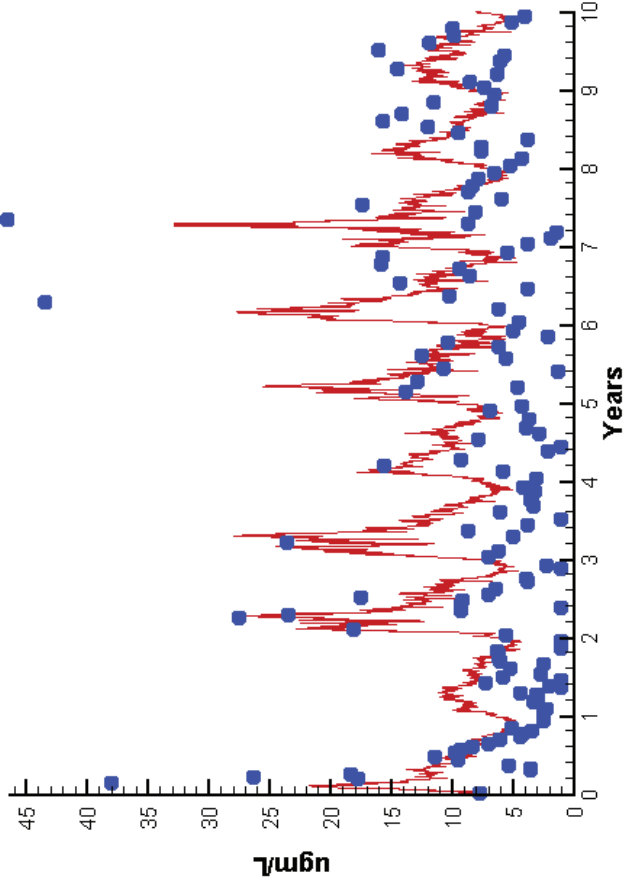
TSS

-1.9667

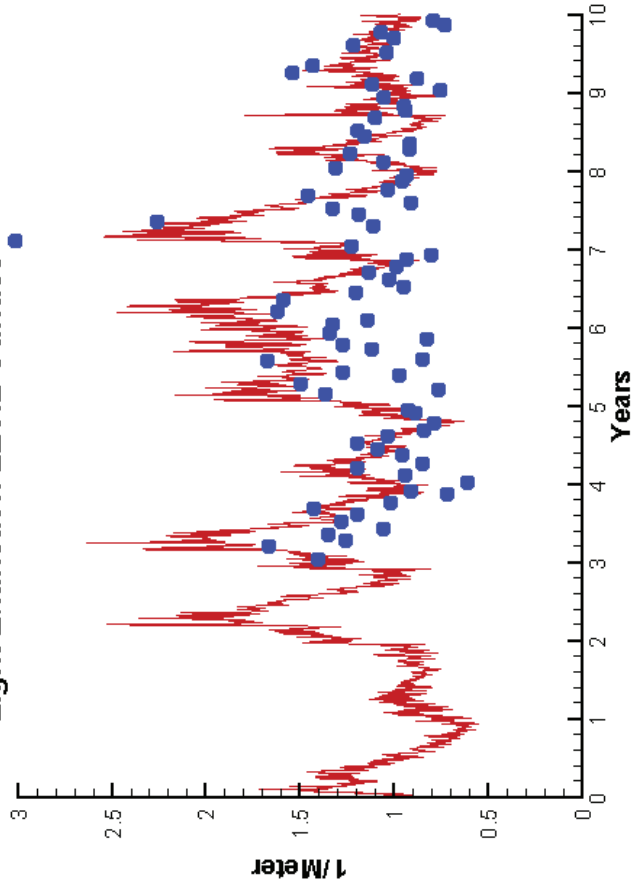
20.6192

Station LE3.2

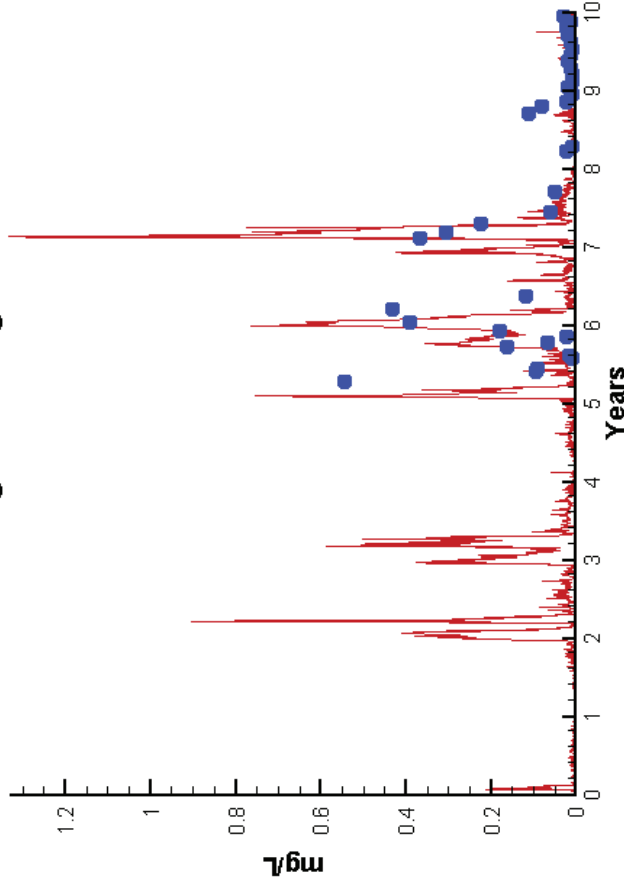
Run184 1991-2000
Chlorophyll LE3.2 Surface



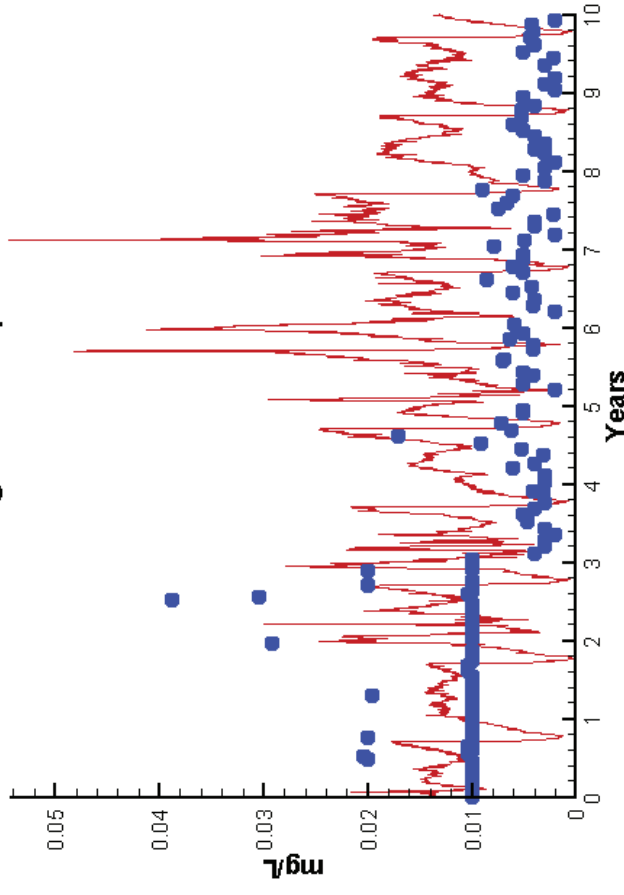
Run184 1991-2000
Light Extinction LE3.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen LE3.2 Surface

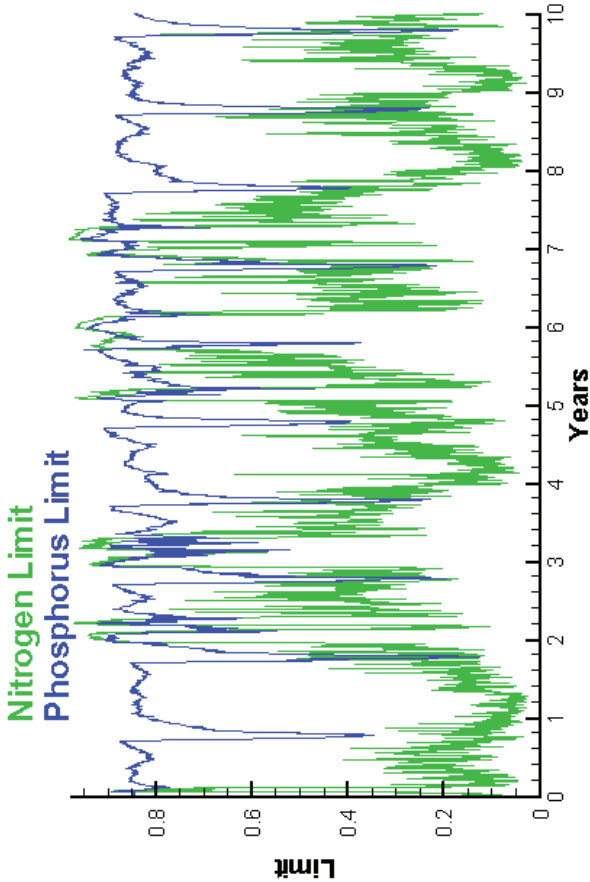


Run184 1991-2000
Dissolved Inorganic Phosphorus LE3.2 Surface

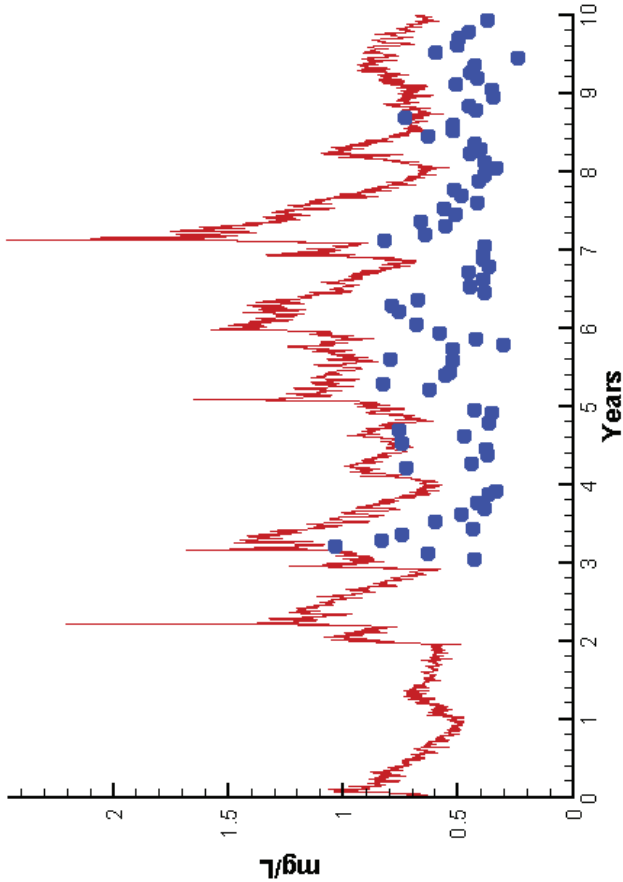


Station LE3.2

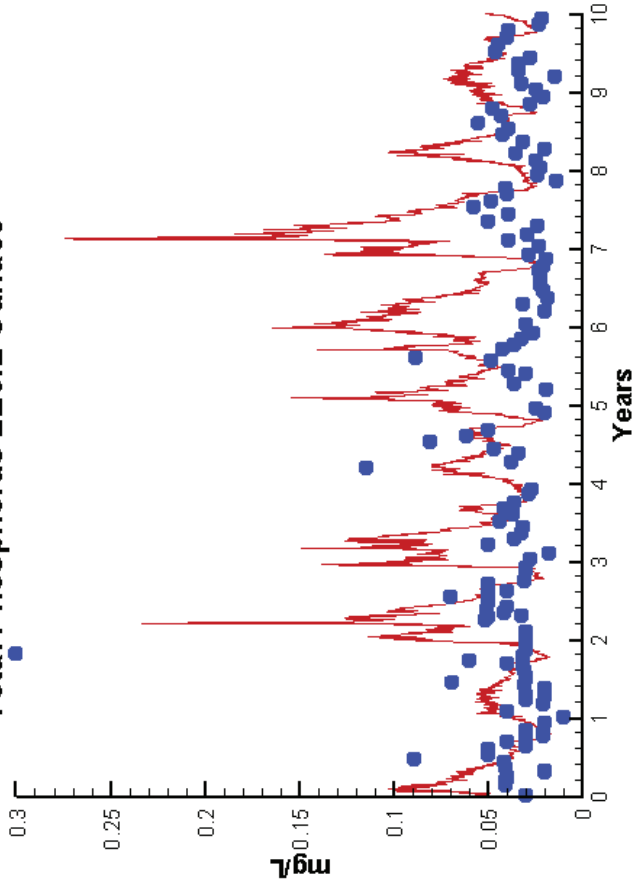
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen LE3.2 Surface



Run184 1991-2000
Total Phosphorus LE3.2 Surface



Mean Difference

Absolute Mean Difference

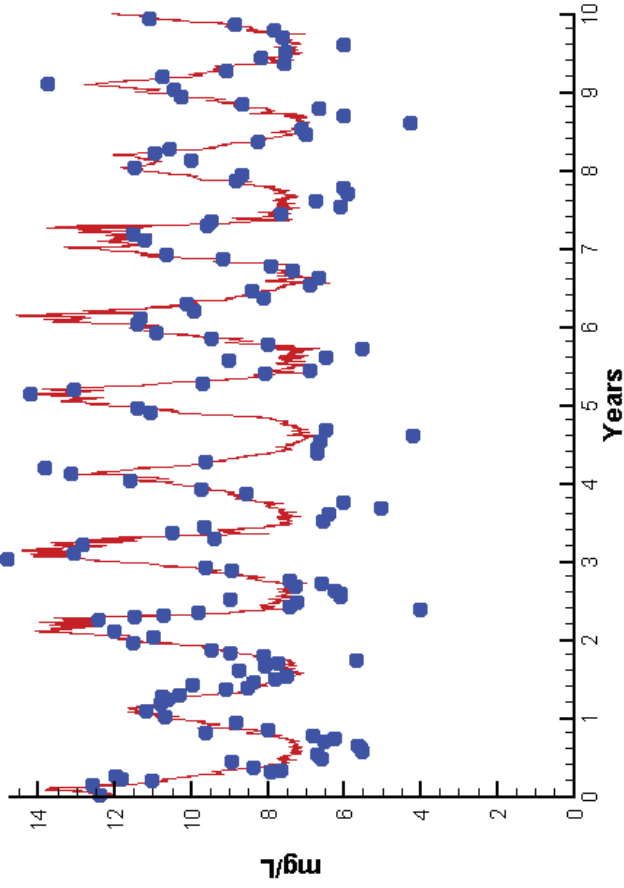
Chl
DIN
KE
DIP
TP
TN

2.6692
-0.0020
0.2002
0.0049
0.0214
0.4453

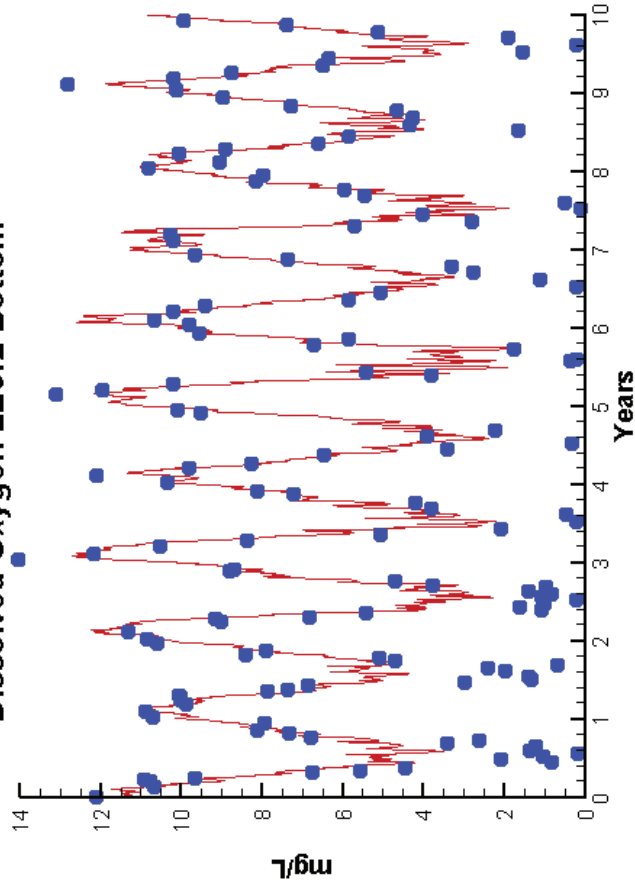
5.5938
0.0935
0.3014
0.0082
0.0312
0.4459

Station LE3.2

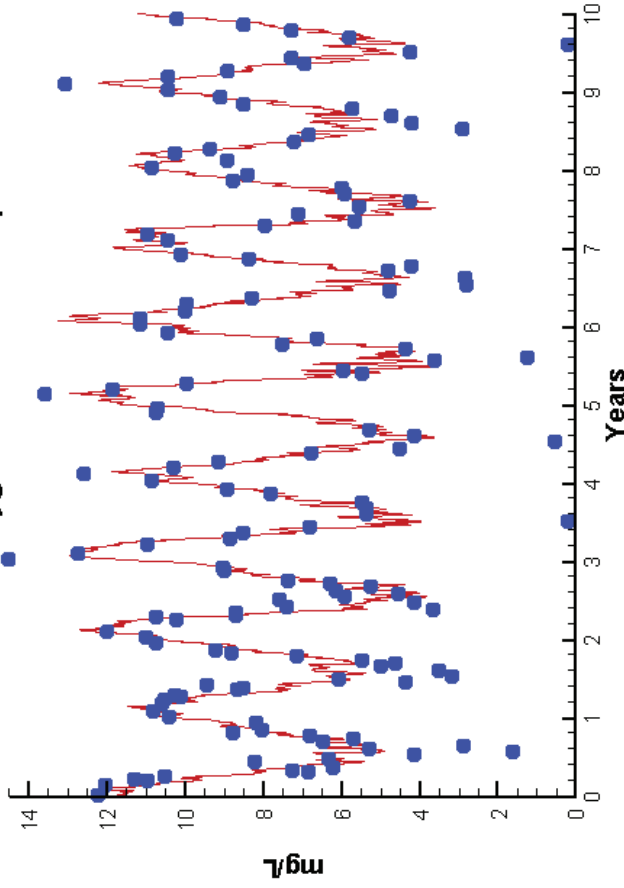
Run184 1991-2000
Dissolved Oxygen LE3.2 Surface



Run184 1991-2000
Dissolved Oxygen LE3.2 Bottom



Run184 1991-2000
Dissolved Oxygen LE3.2 Mid-Depth



Mean Difference

Absolute Mean Difference

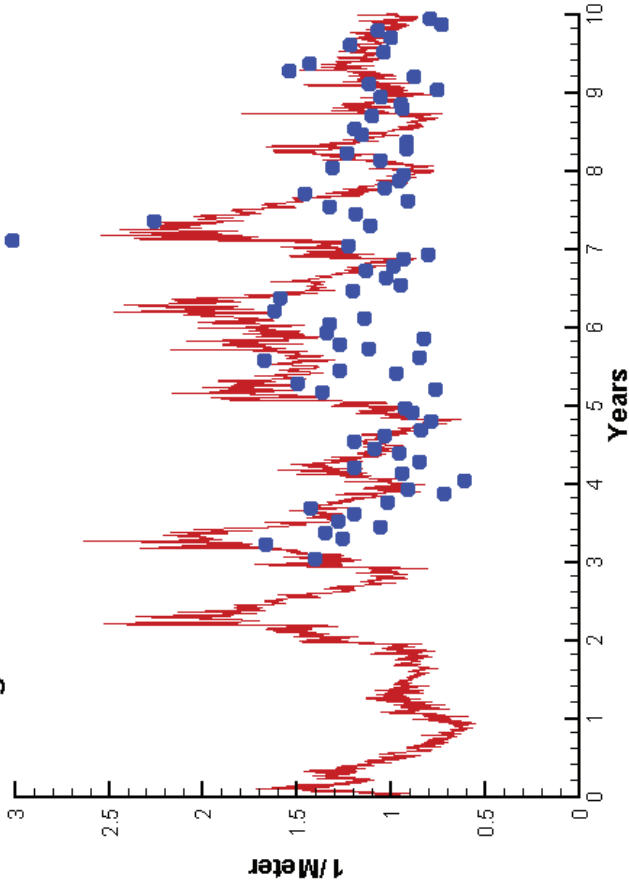
Top DO
Mid DO
Bot DO

0.3491
0.1833
0.8145

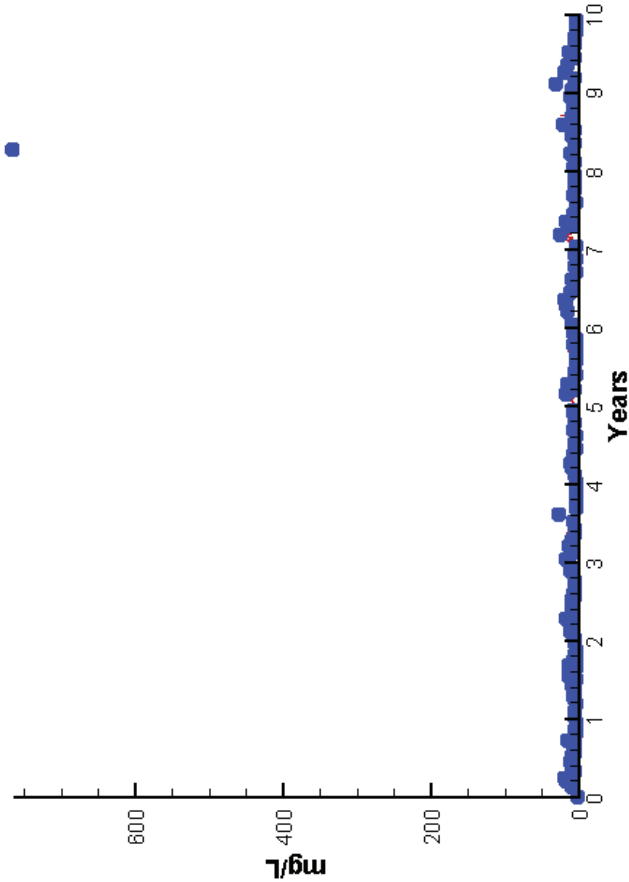
0.9073
1.0030
1.3625

Station LE3.2

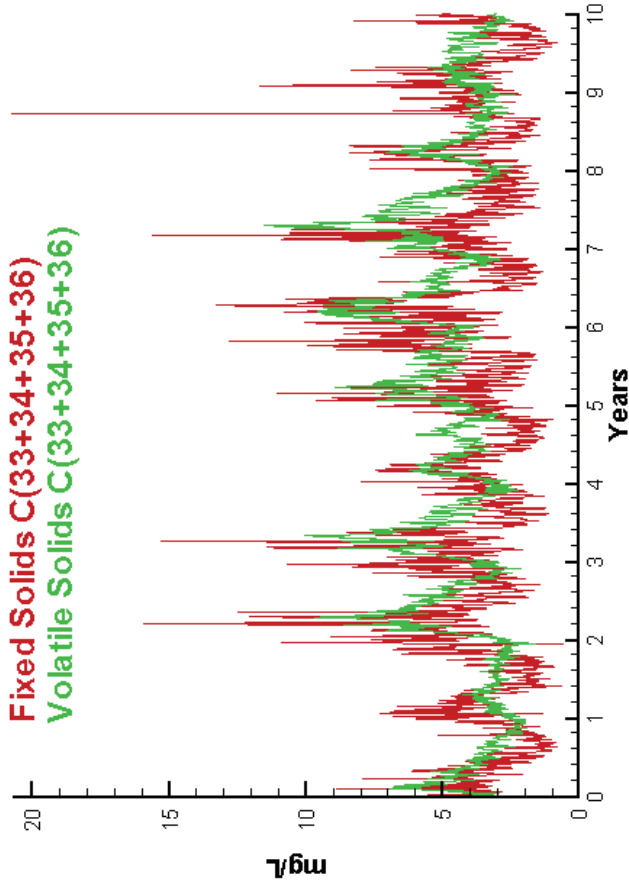
Run184 1991-2000
Light Extinction LE3.2 Surface



Run184 1991-2000
Total Solids LE3.2 Surface



Run184 1991-2000
Solids Surface



Mean Difference

Absolute Mean Difference

KE

TSS

0.2002

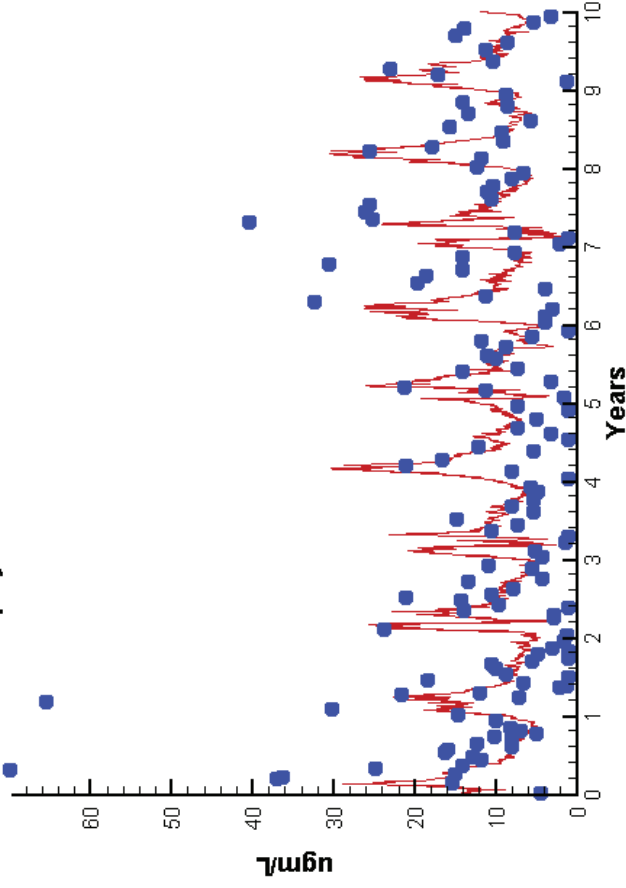
-4.9029

0.3014

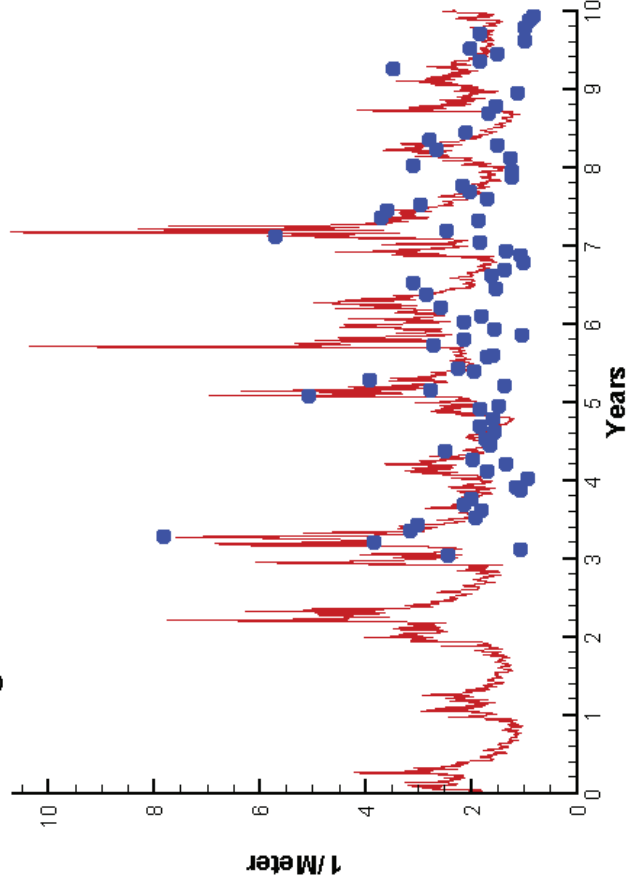
9.1079

Station RET3.2

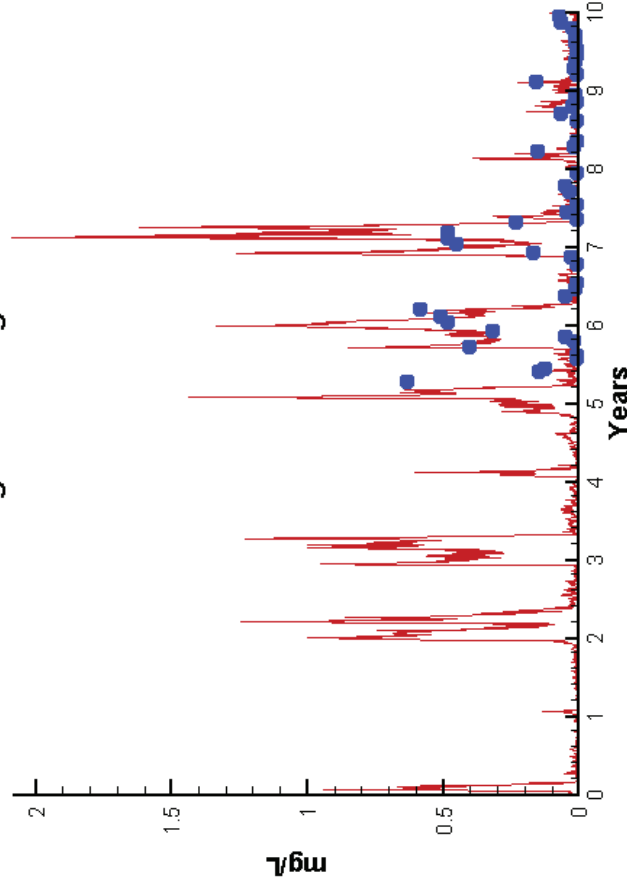
Run184 1991-2000
Chlorophyll RET3.2 Surface



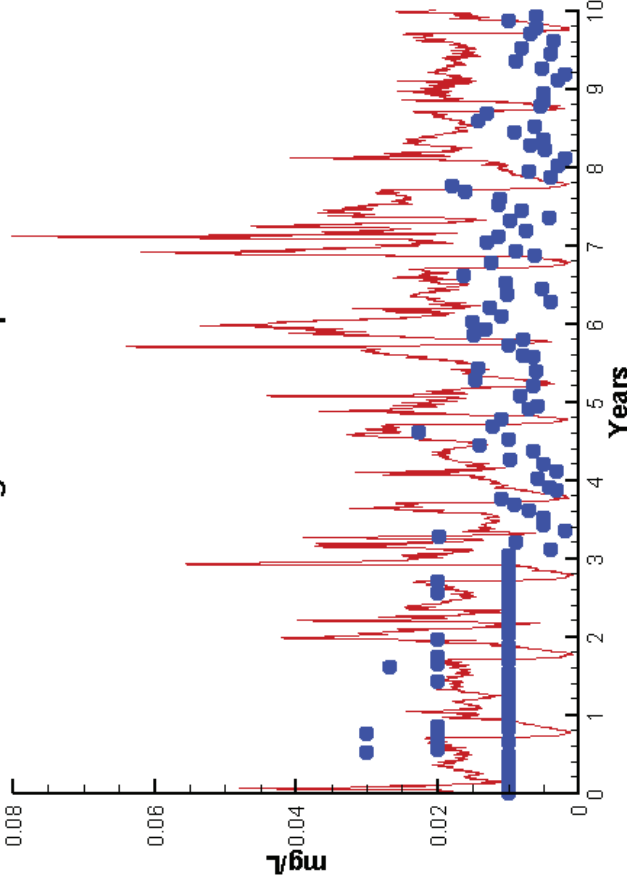
Run184 1991-2000
Light Extinction RET3.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen RET3.2 Surface

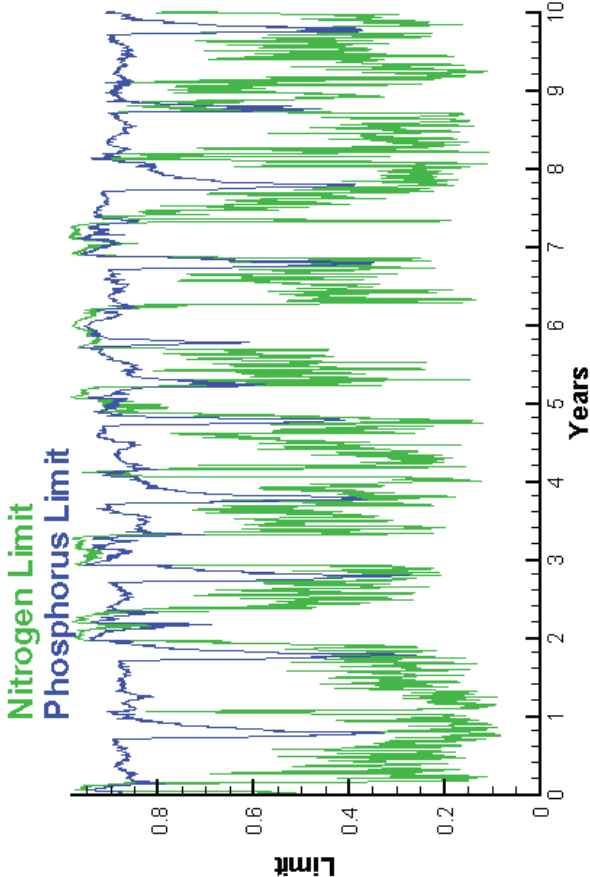


Run184 1991-2000
Dissolved Inorganic Phosphorus RET3.2 Surface

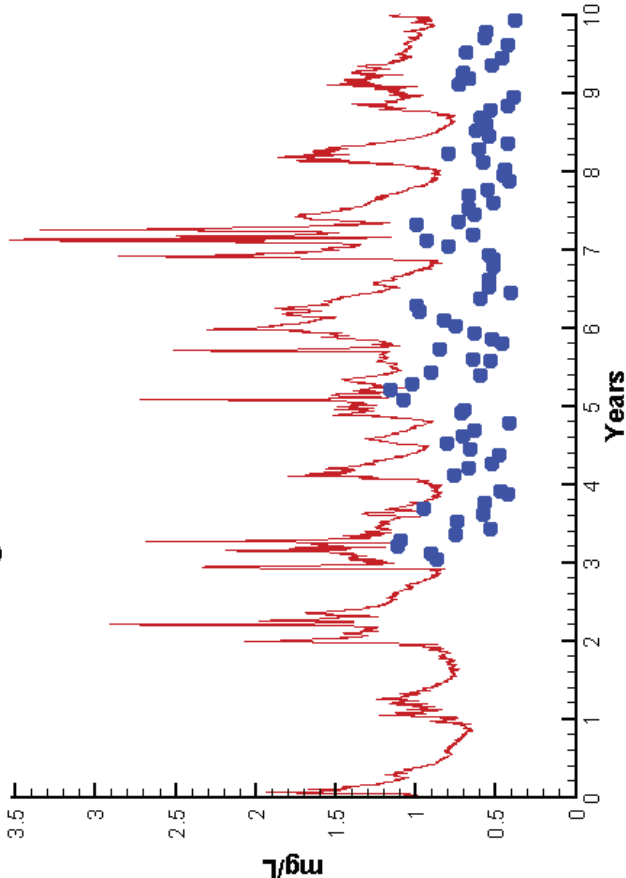


Station RET3.2

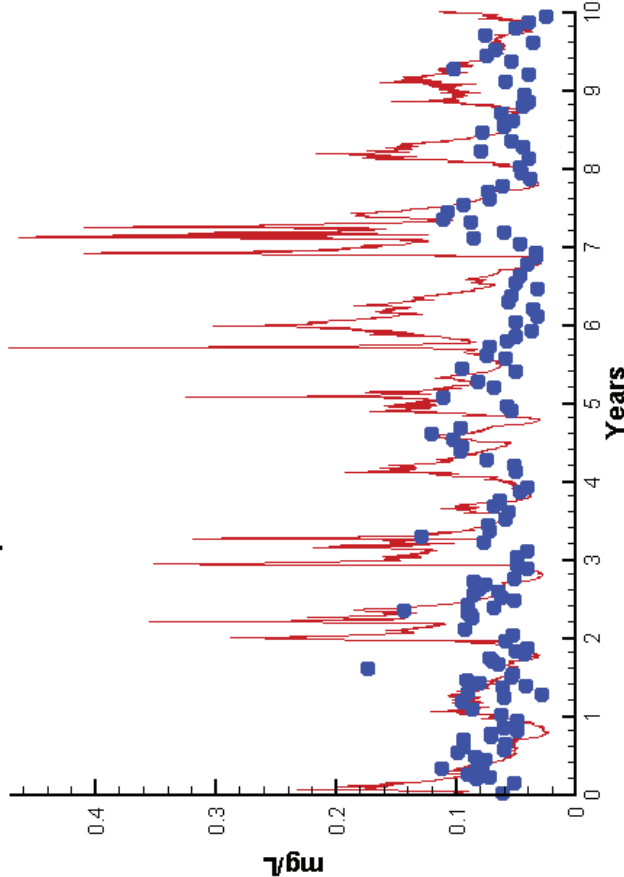
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen RET3.2 Surface



Run184 1991-2000
Total Phosphorus RET3.2 Surface



Mean Difference

Absolute Mean Difference

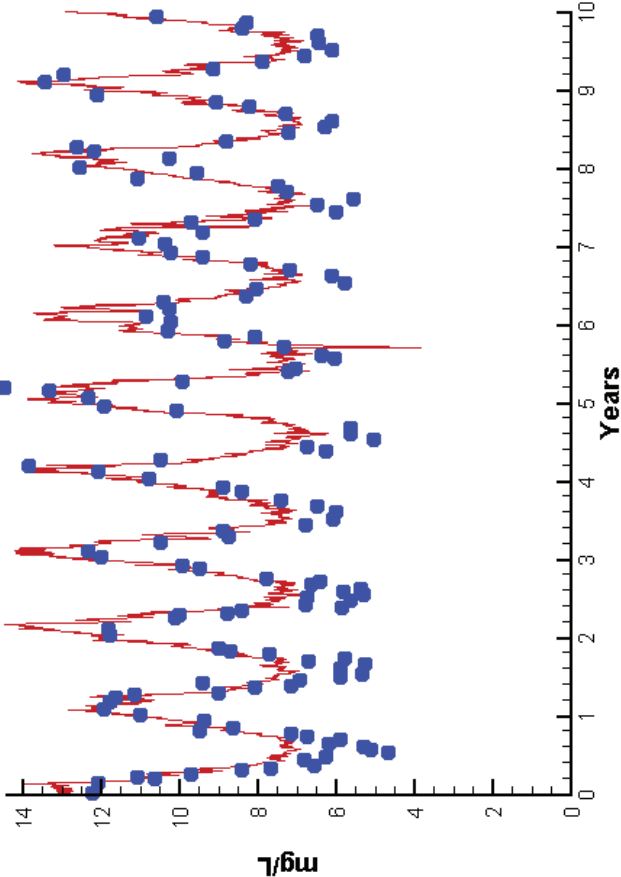
Chl
DIN
KE
DIP
TP
TN

-0.5066
0.0480
0.4660
0.0079
0.0309
0.6472

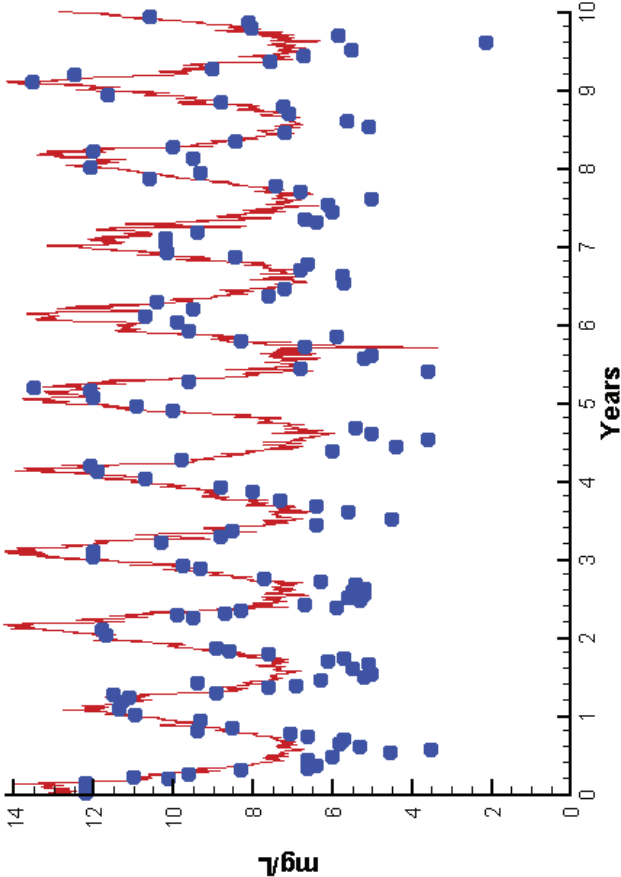
6.4870
0.1453
0.7760
0.0110
0.0451
0.6472

Station RET3.2

Run184 1991-2000
Dissolved Oxygen RET3.2 Surface



Run184 1991-2000
Dissolved Oxygen RET3.2 Bottom



Mean Difference

Top DO
Bot DO

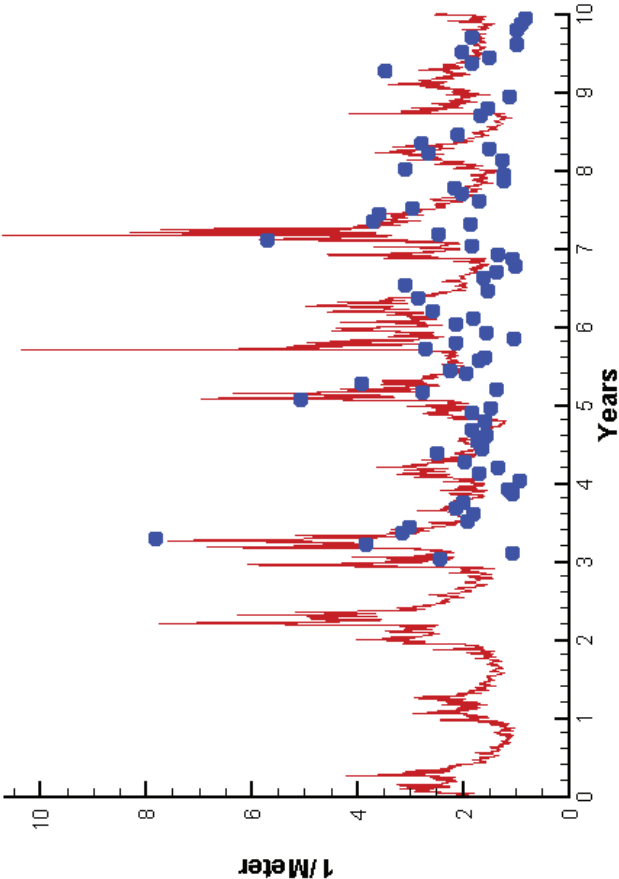
0.7339
1.1335

1.0664
1.3210

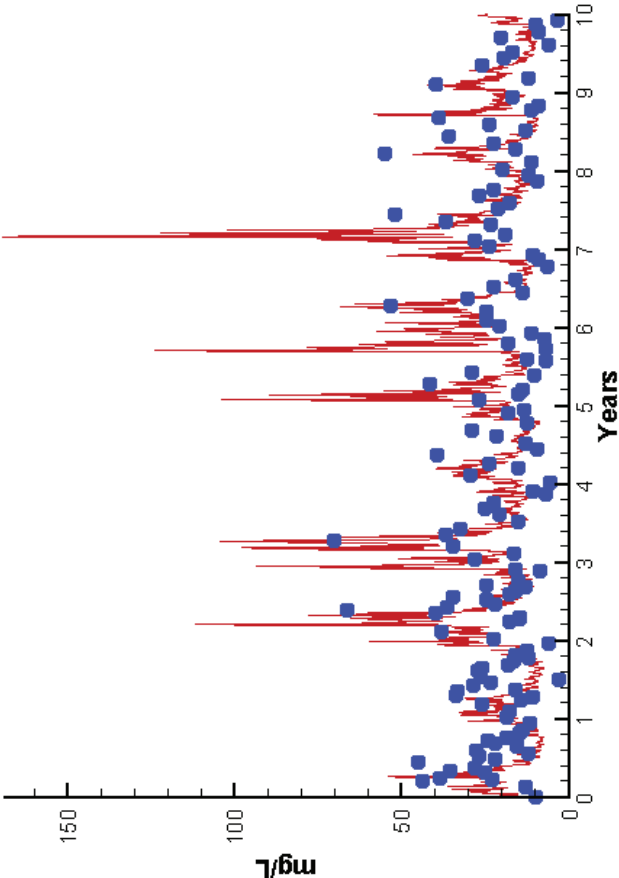
Absolute Mean Difference

Station RET3.2

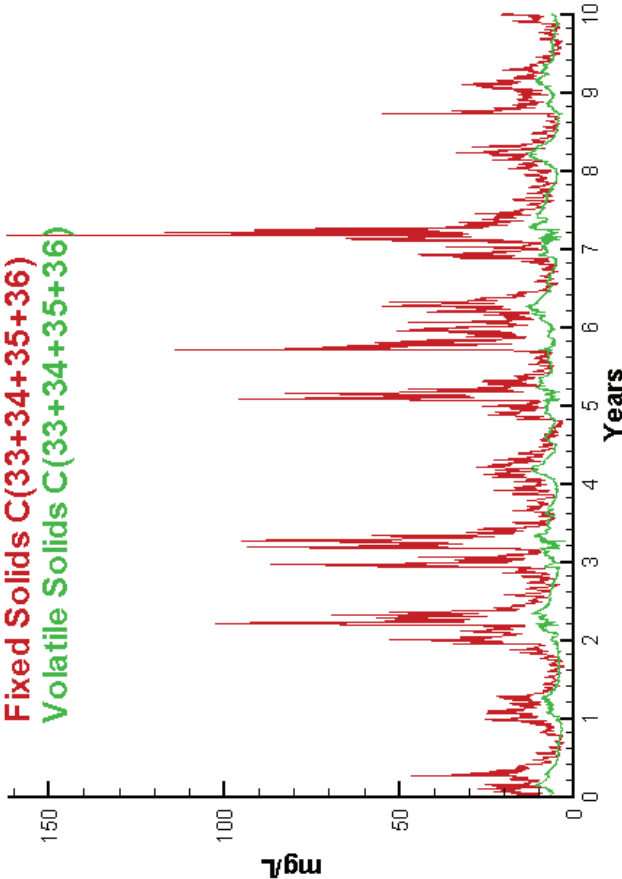
Run184 1991-2000
Light Extinction RET3.2 Surface



Run184 1991-2000
Total Solids RET3.2 Surface



Run184 1991-2000
Solids Surface



Mean Difference

Absolute Mean Difference

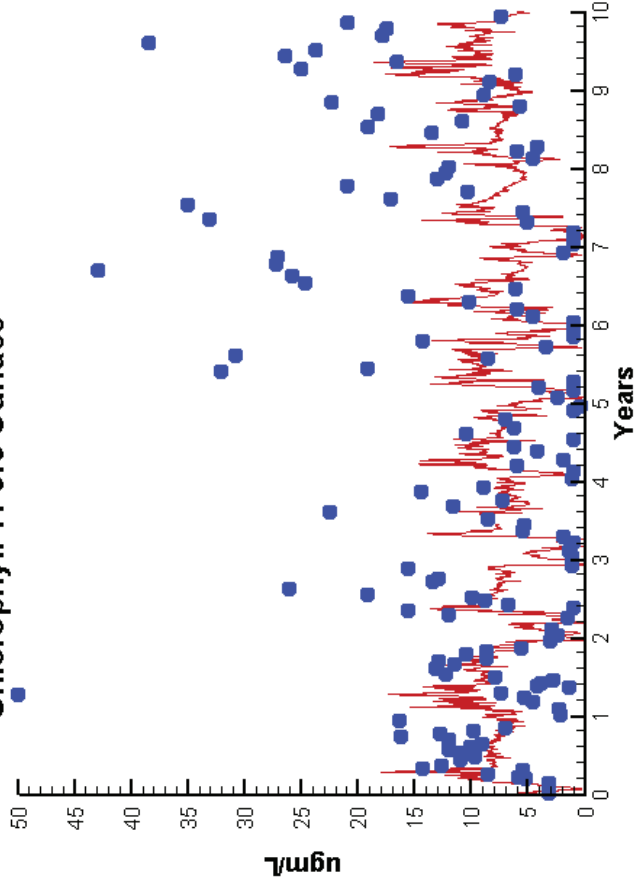
KE
TSS

0.4660
1.4265

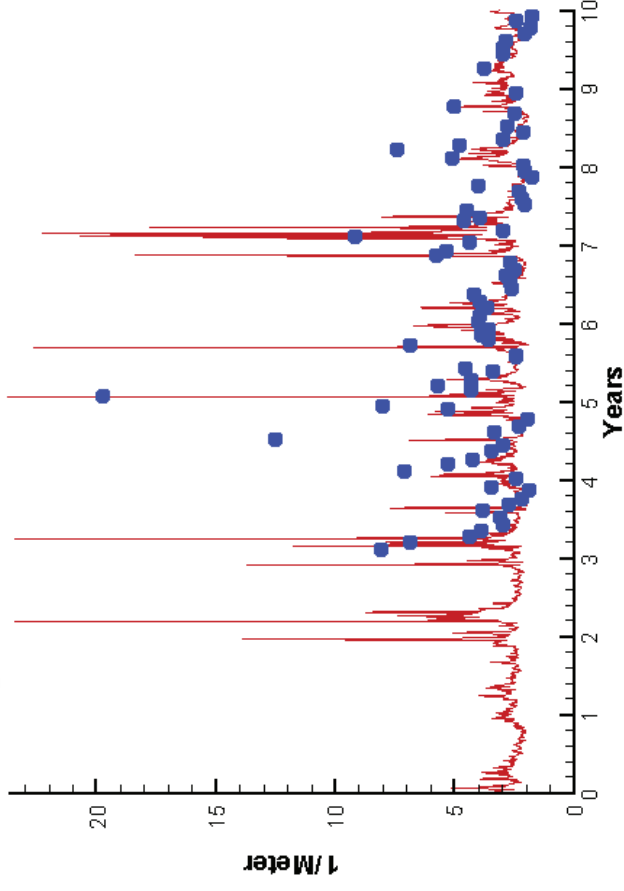
0.7760
11.4673

Station TF3.3

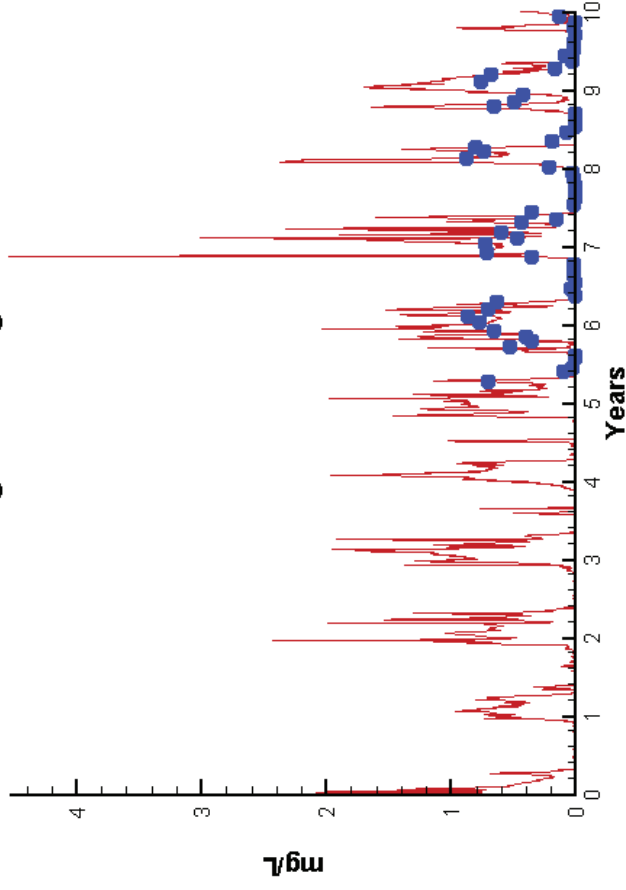
Run184 1991-2000
Chlorophyll TF3.3 Surface



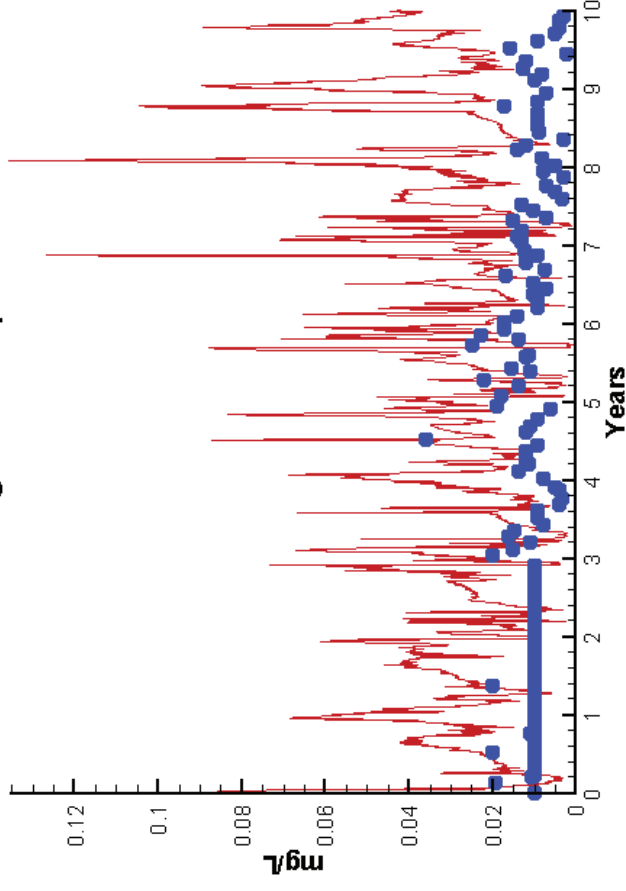
Run184 1991-2000
Light Extinction TF3.3 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen TF3.3 Surface

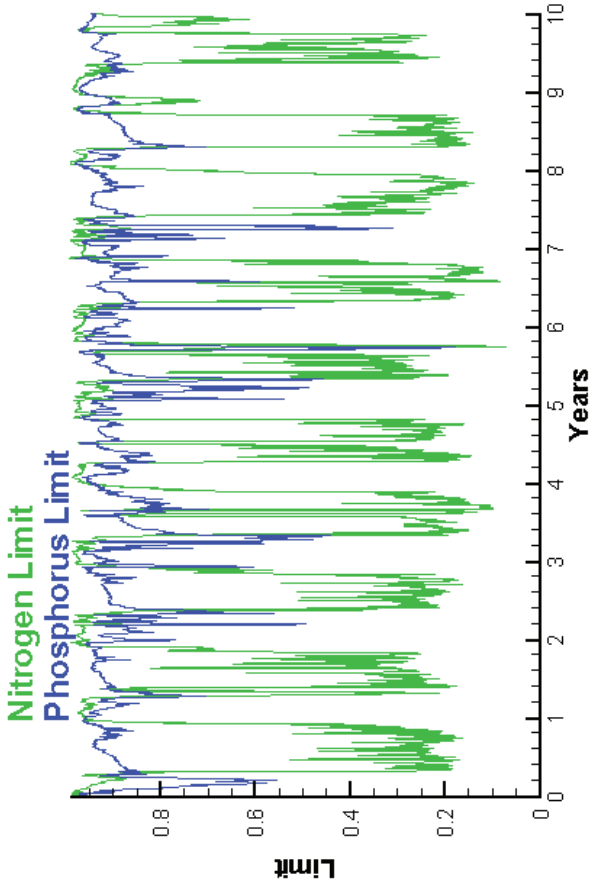


Run184 1991-2000
Dissolved Inorganic Phosphorus TF3.3 Surface

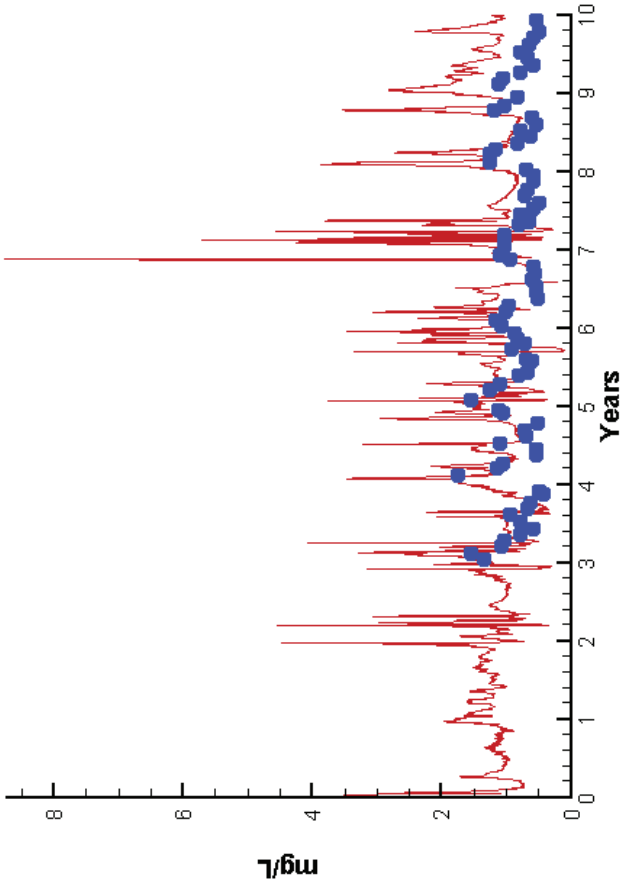


Station TF3.3

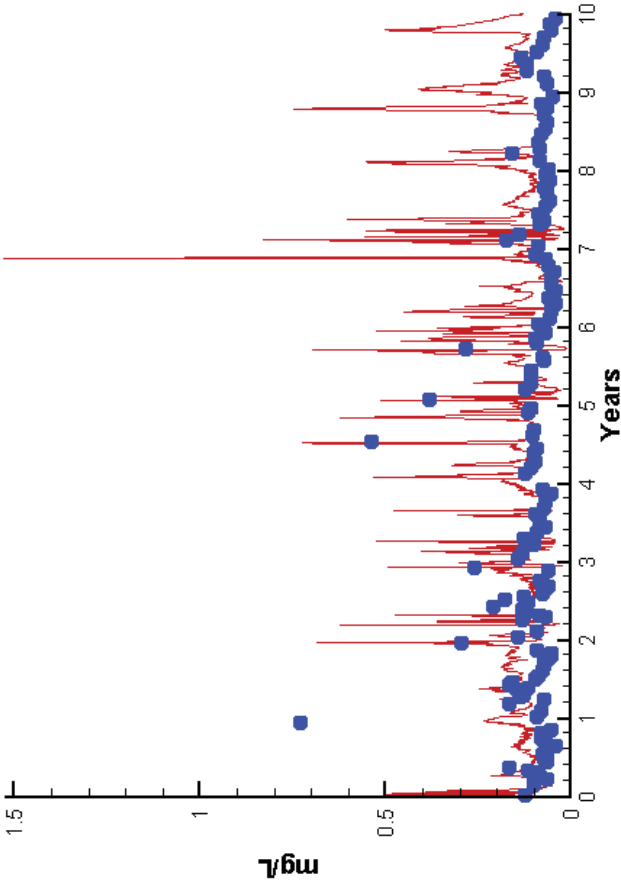
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen TF3.3 Surface



Run184 1991-2000
Total Phosphorus TF3.3 Surface



Mean Difference

Absolute Mean Difference

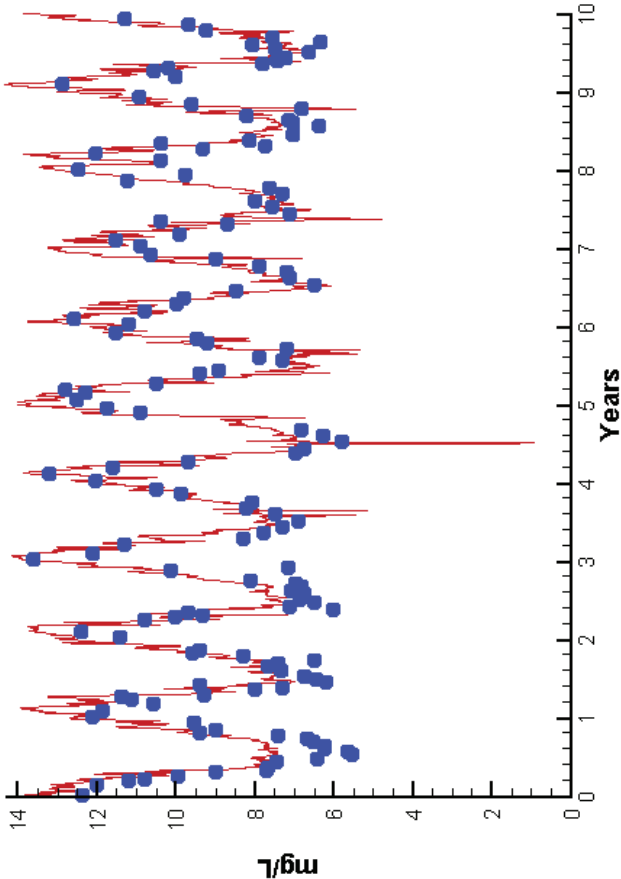
Chl
DIN
KE
DIP
TP
TN

-2.8097
0.1363
-0.8615
0.0179
0.0593
0.5037

6.4192
0.2551
1.6286
0.0196
0.0958
0.6203

Station TF3.3

Run184 1991-2000
Dissolved Oxygen TF3.3 Surface



Mean Difference

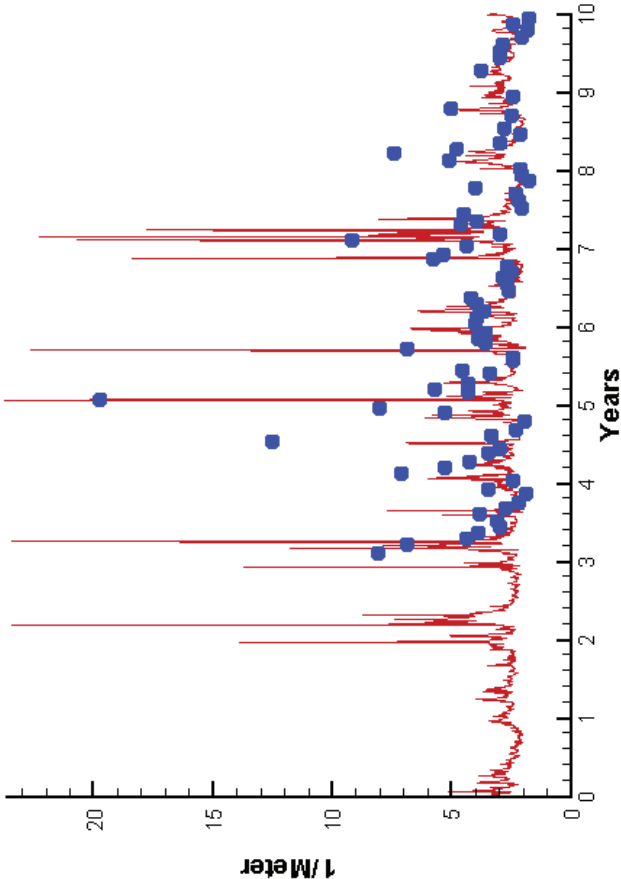
Top DO 0.6598

Absolute Mean Difference

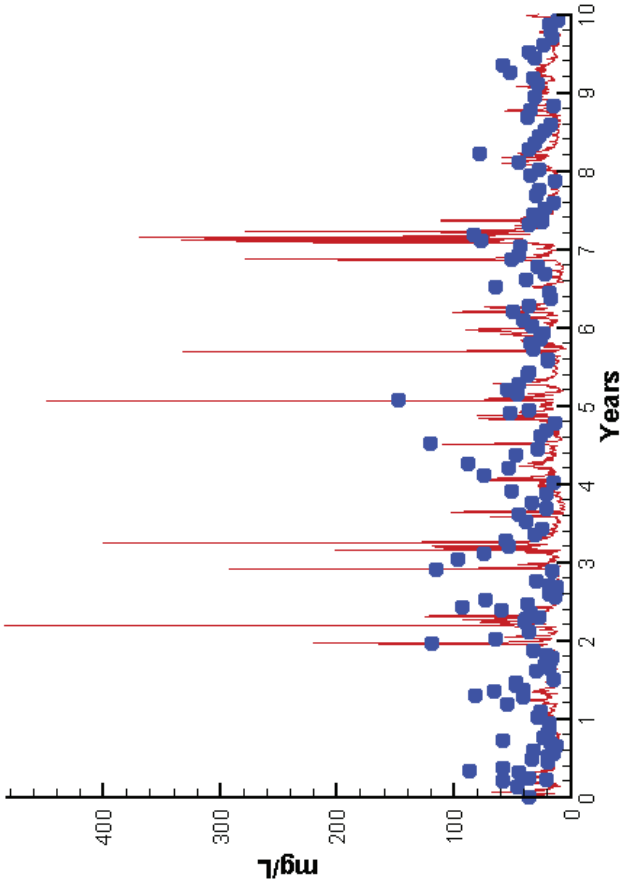
0.9879

Station TF3.3

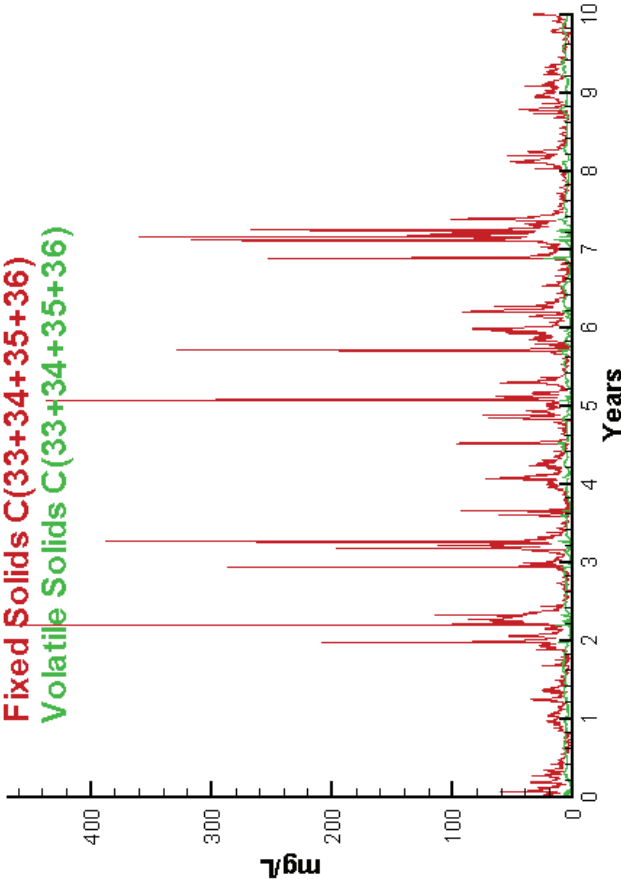
Run184 1991-2000
Light Extinction TF3.3 Surface



Run184 1991-2000
Total Solids TF3.3 Surface



Run184 1991-2000
Solids Surface



Mean Difference

Absolute Mean Difference

KE

-0.8615

1.6286

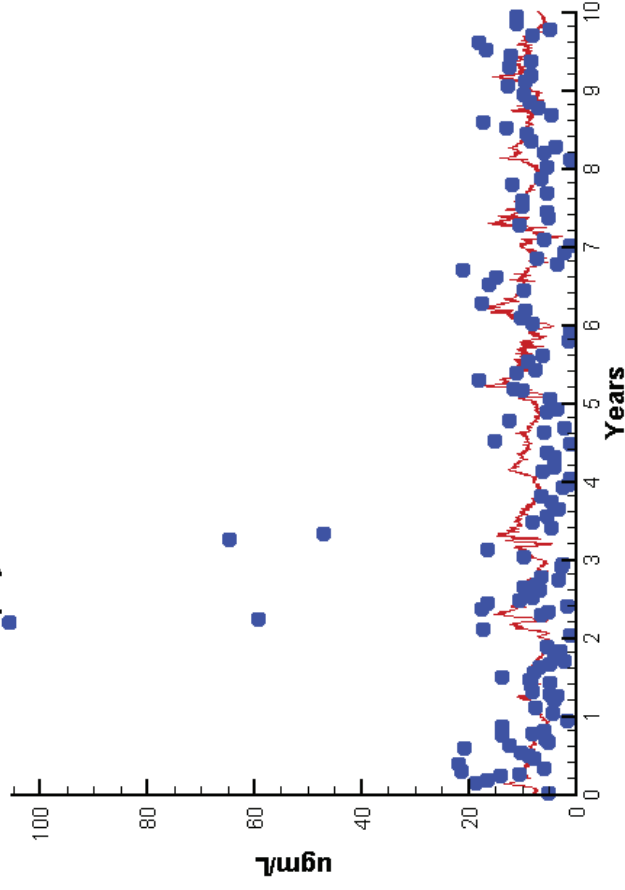
TSS

-12.5576

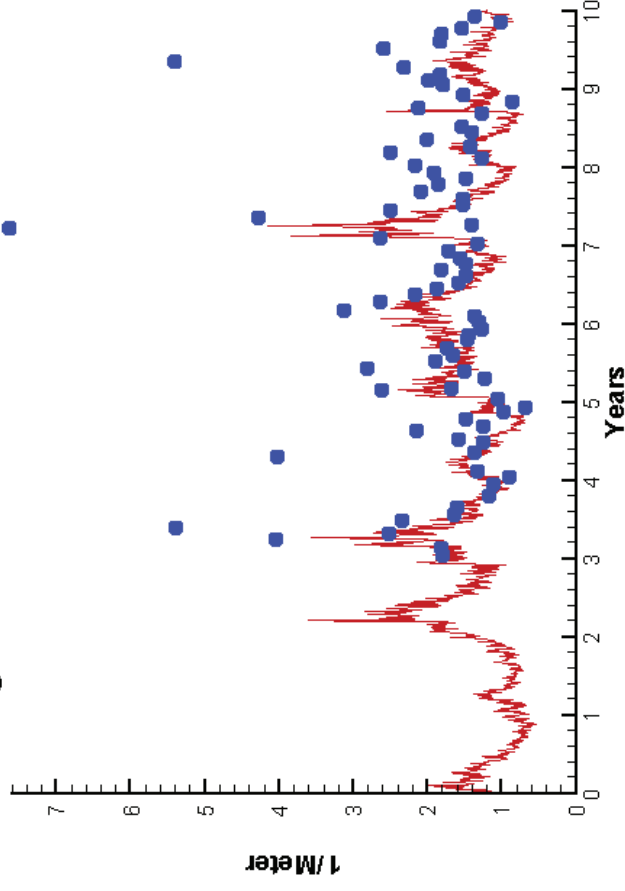
22.7036

Station LE4.2

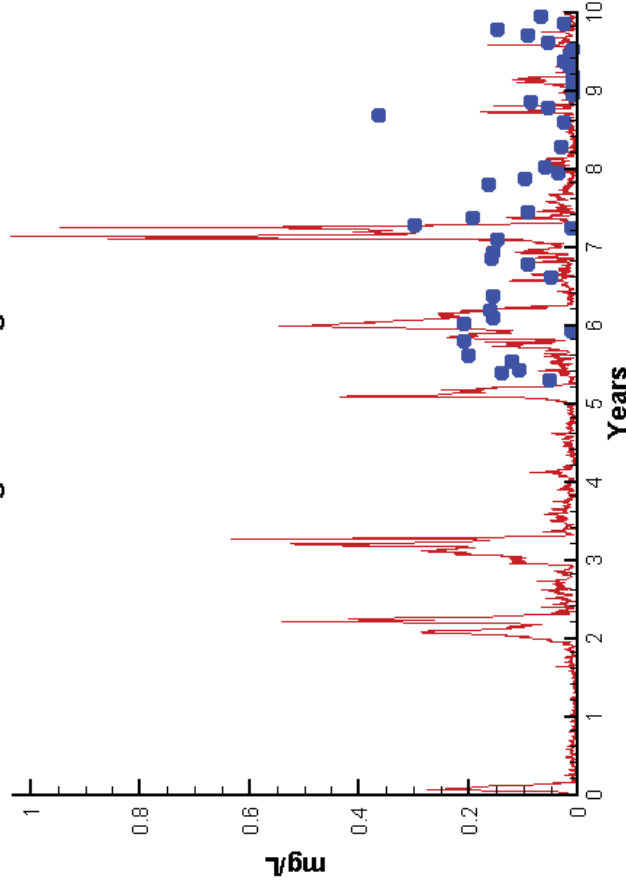
Run184 1991-2000
Chlorophyll LE4.2 Surface



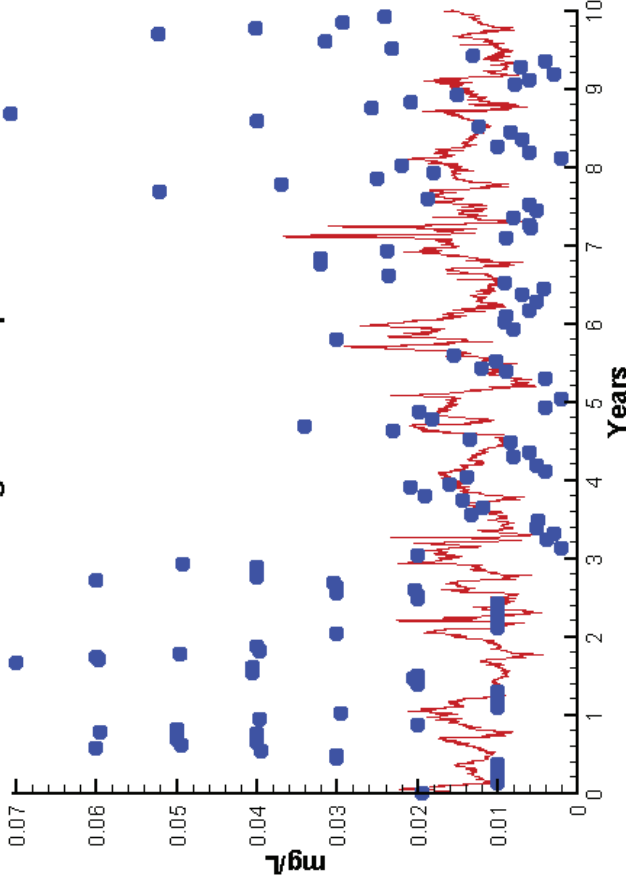
Run184 1991-2000
Light Extinction LE4.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen LE4.2 Surface

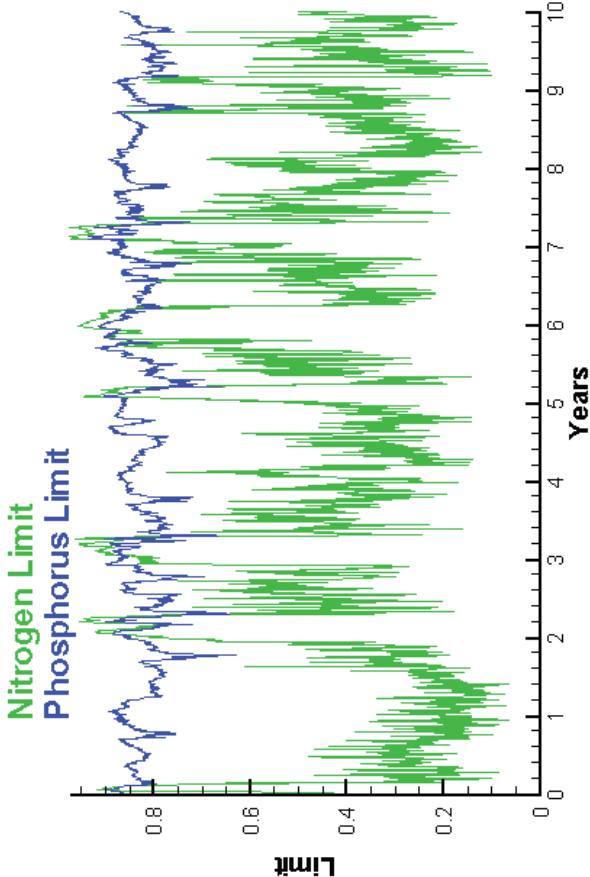


Run184 1991-2000
Dissolved Inorganic Phosphorus LE4.2 Surface

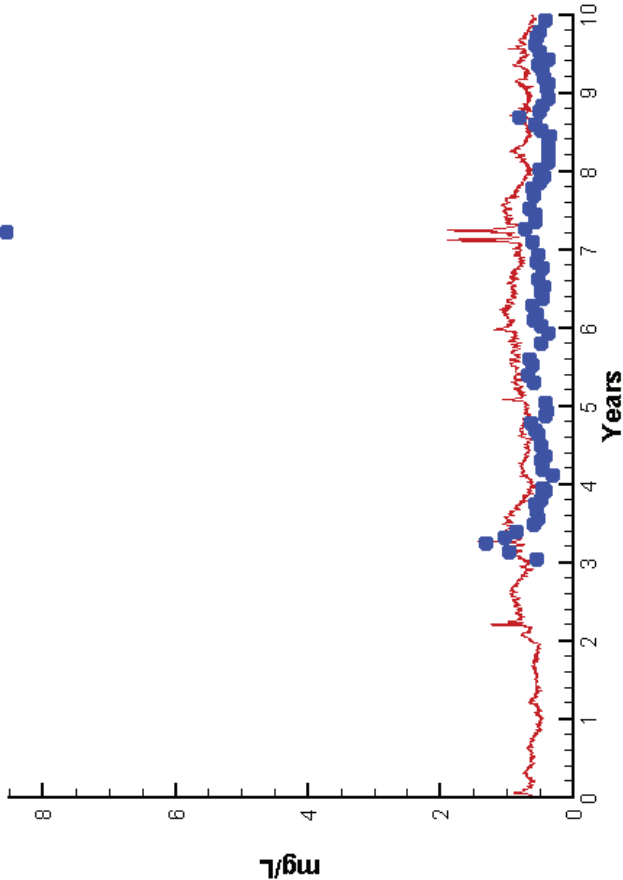


Station LE4.2

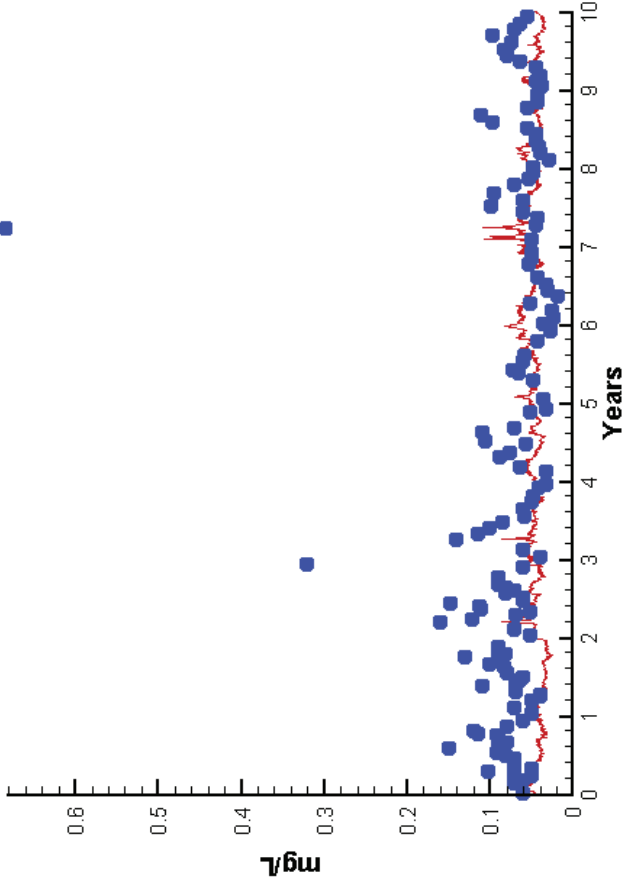
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen LE4.2 Surface



Run184 1991-2000
Total Phosphorus LE4.2 Surface



Mean Difference

Absolute Mean Difference

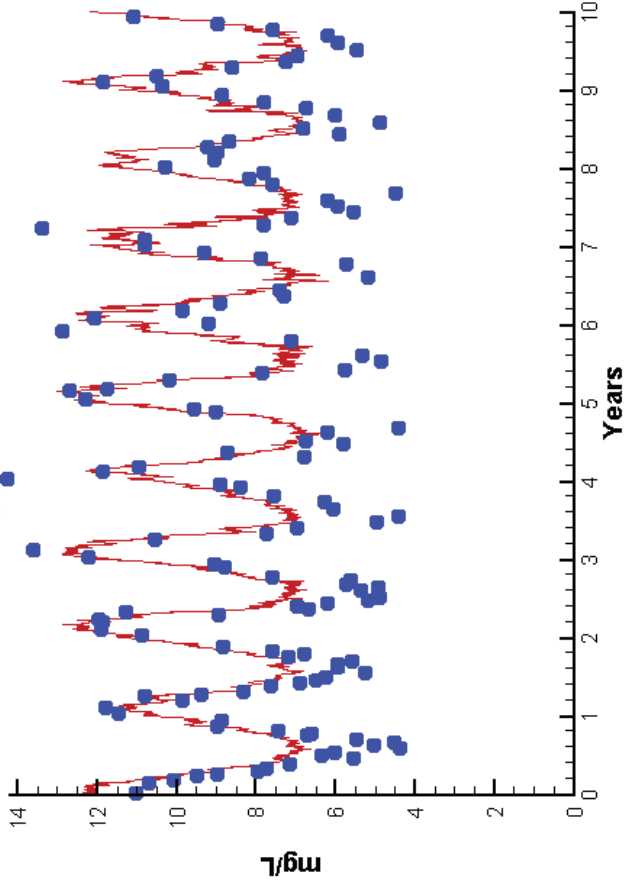
Chl
DIN
KE
DIP
TP
TN

-0.9898
-0.0111
-0.4498
-0.0079
-0.0271
0.1953

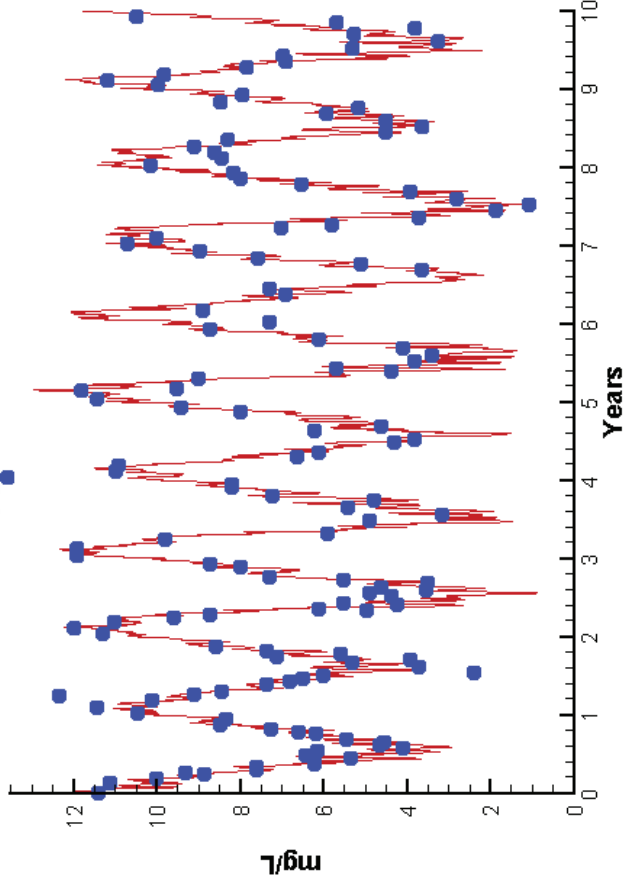
5.6327
0.1048
0.6220
0.0133
0.0354
0.4026

Station LE4.2

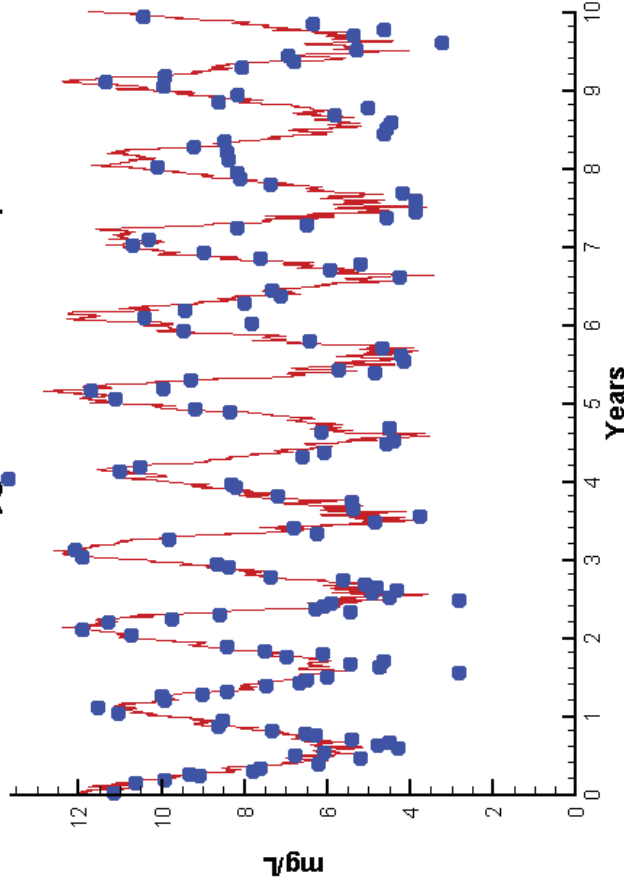
Run184 1991-2000
Dissolved Oxygen LE4.2 Surface



Run184 1991-2000
Dissolved Oxygen LE4.2 Bottom



Run184 1991-2000
Dissolved Oxygen LE4.2 Mid-Depth



Mean Difference

Absolute Mean Difference

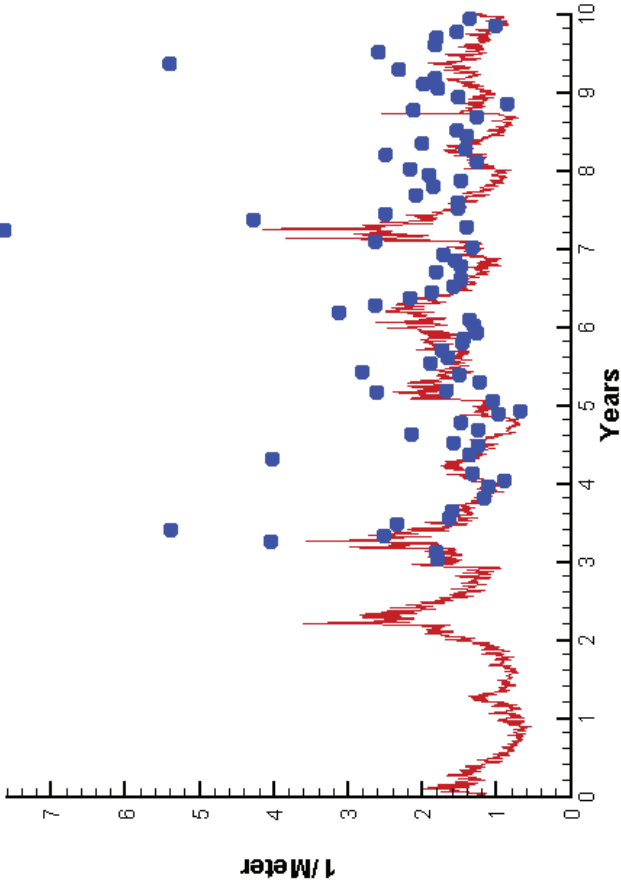
Top DO
Mid DO
Bot DO

0.9719
0.7661
0.0091

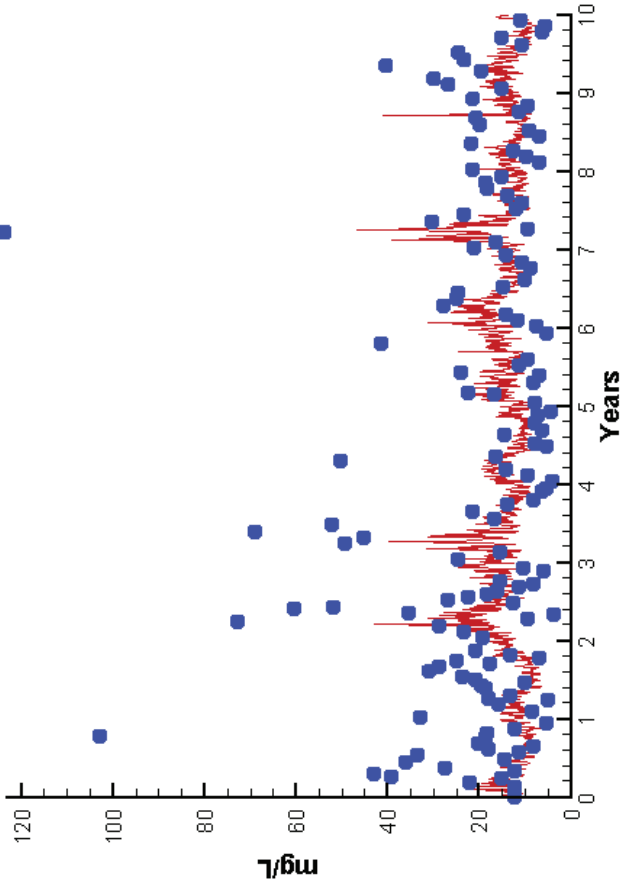
1.2065
0.8999
0.7859

Station LE4.2

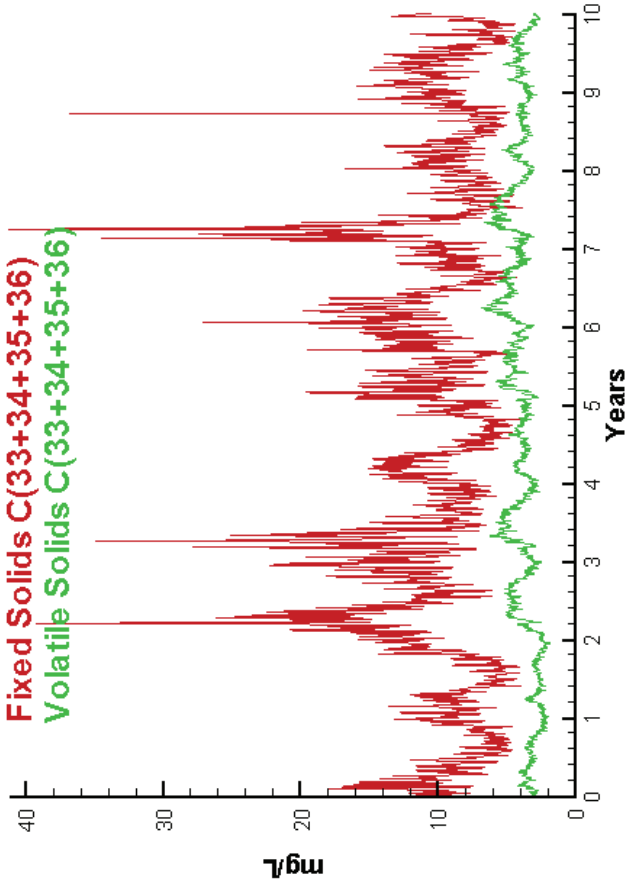
Run184 1991-2000
Light Extinction LE4.2 Surface



Run184 1991-2000
Total Solids LE4.2 Surface



Run184 1991-2000
Solids Surface



Mean Difference Absolute Mean Difference

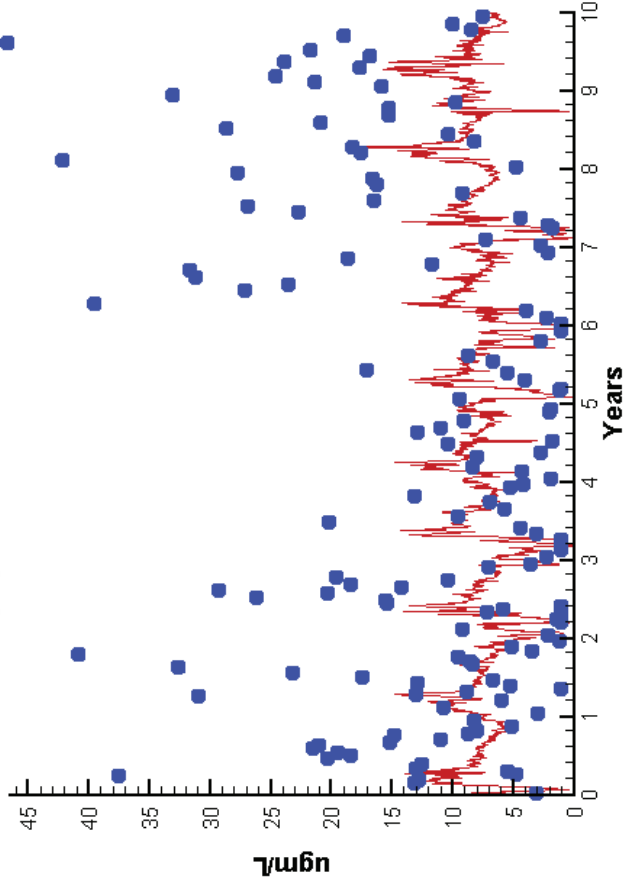
KE
TSS

-0.4498
-5.5140

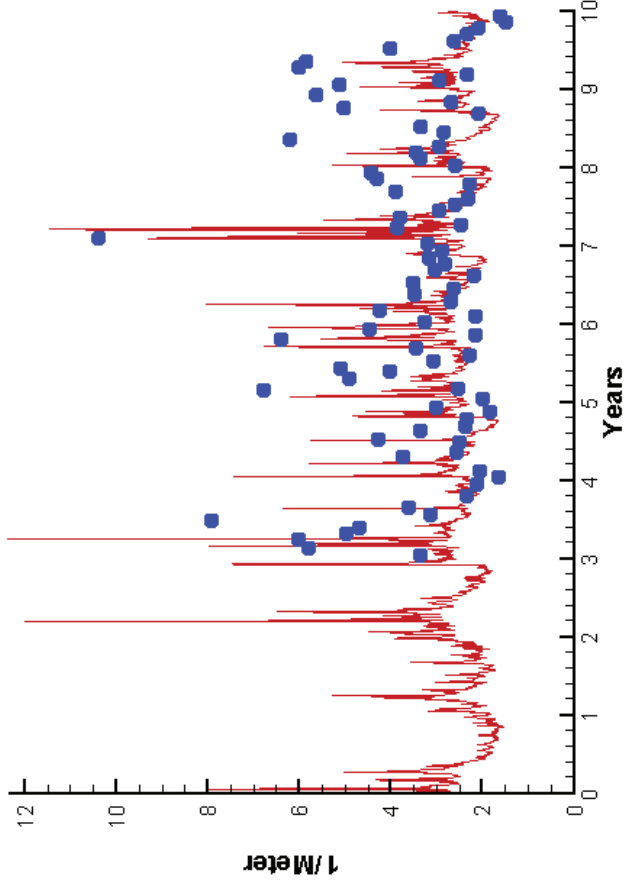
0.6220
9.4797

Station RET4.3

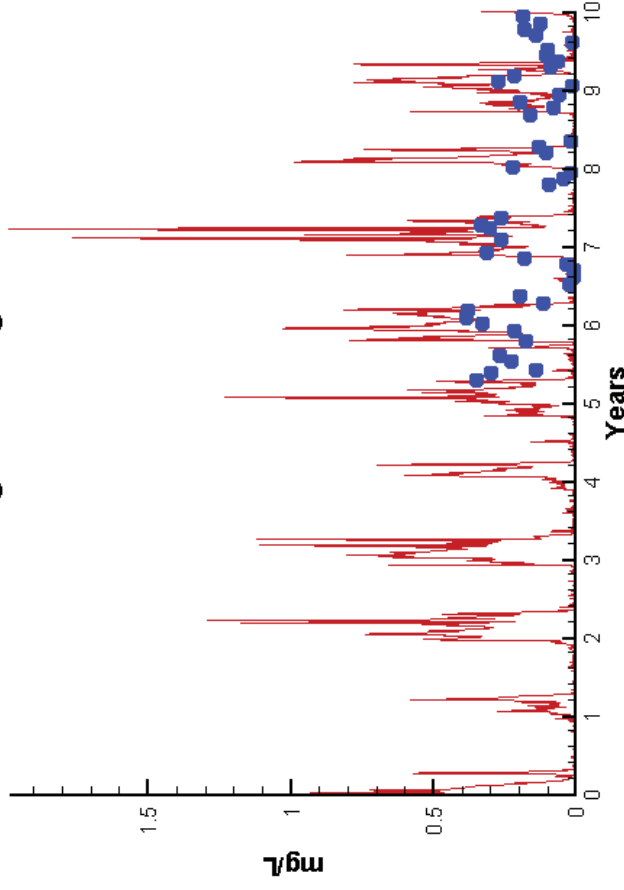
Run184 1991-2000
Chlorophyll RET4.3 Surface



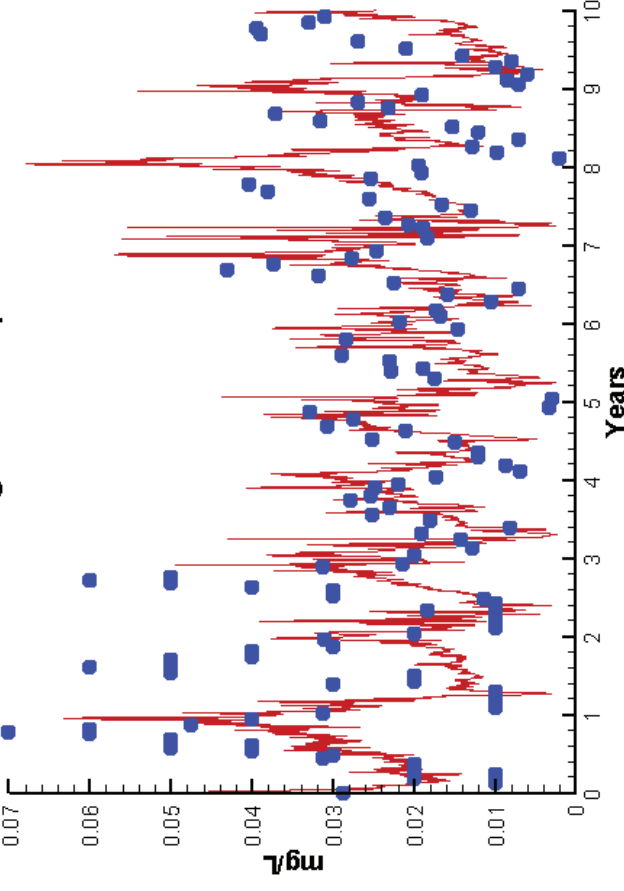
Run184 1991-2000
Light Extinction RET4.3 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen RET4.3 Surface

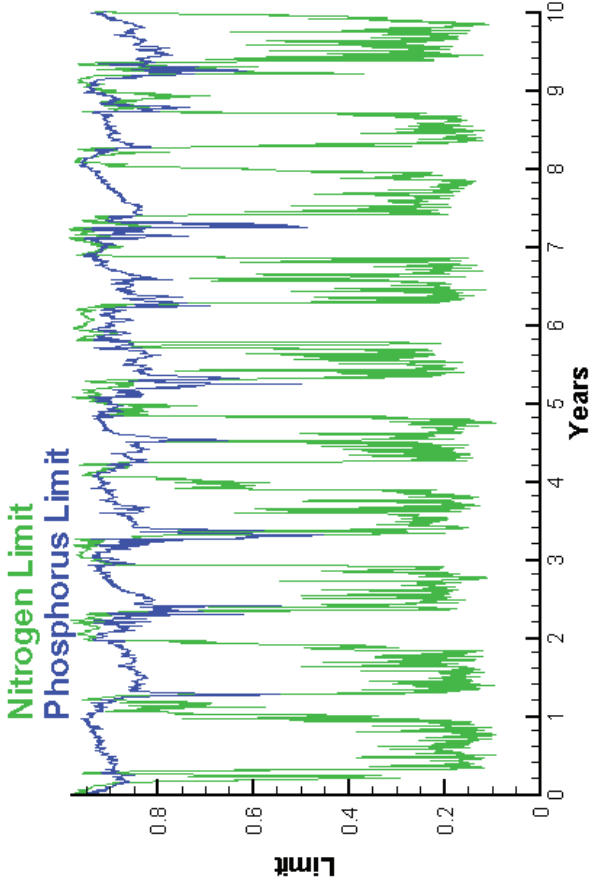


Run184 1991-2000
Dissolved Inorganic Phosphorus RET4.3 Surface

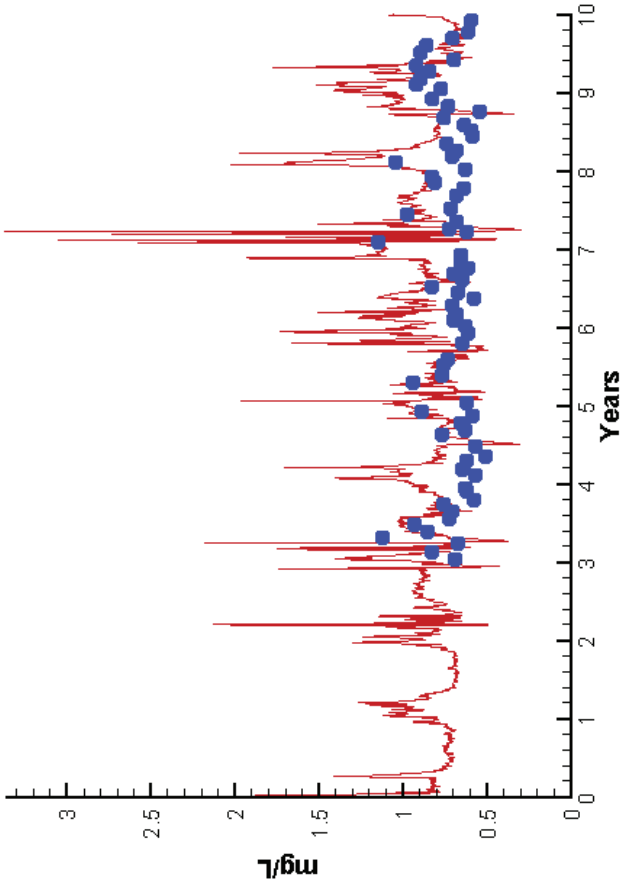


Station RET4.3

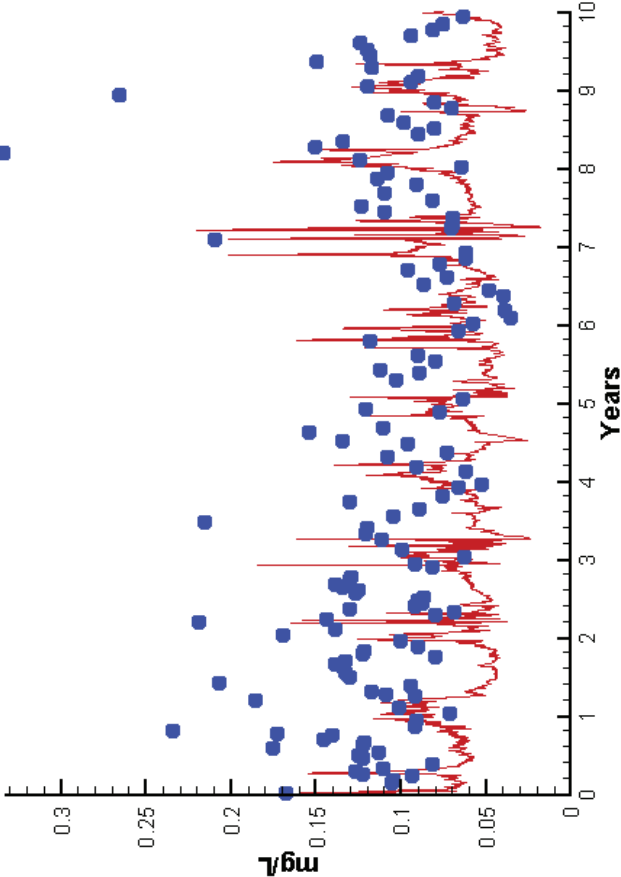
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen RET4.3 Surface



Run184 1991-2000
Total Phosphorus RET4.3 Surface



Mean Difference

Absolute Mean Difference

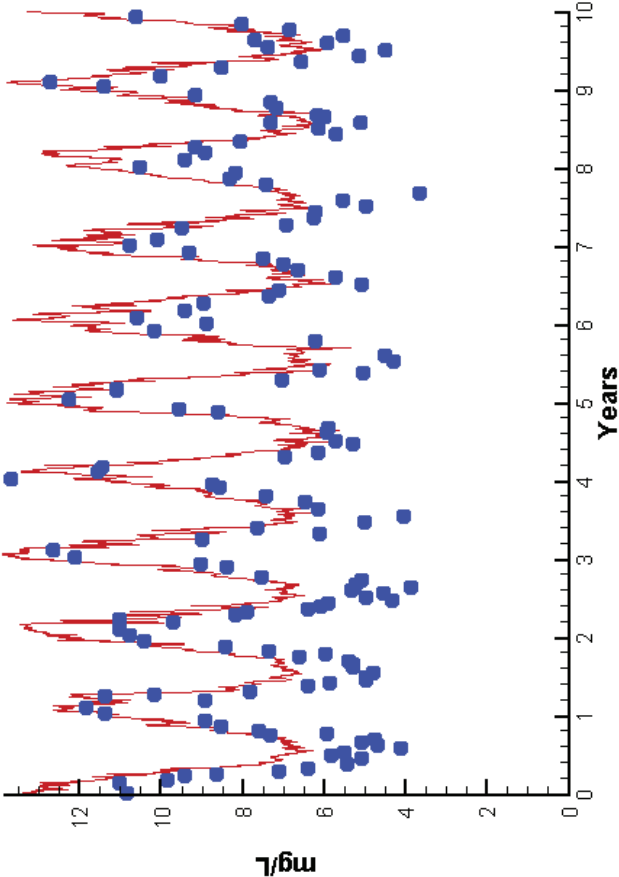
Chl
DIN
KE
DIP
TP
TN

-4.3005
-0.0281
-0.8287
-0.0038
-0.0450
0.1641

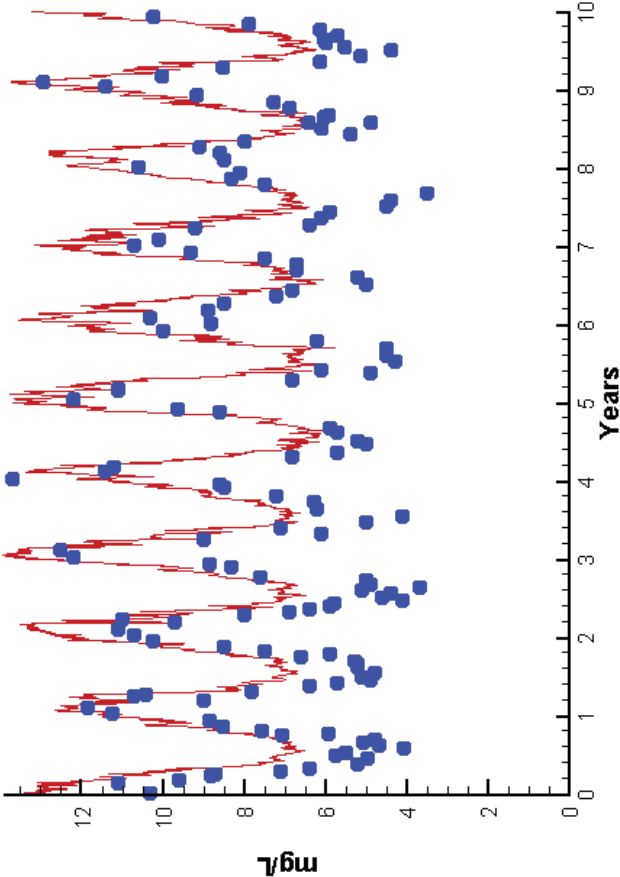
7.4480
0.1204
1.1519
0.0113
0.0512
0.2190

Station RET4.3

Run184 1991-2000
Dissolved Oxygen RET4.3 Surface



Run184 1991-2000
Dissolved Oxygen RET4.3 Bottom



Mean Difference

Absolute Mean Difference

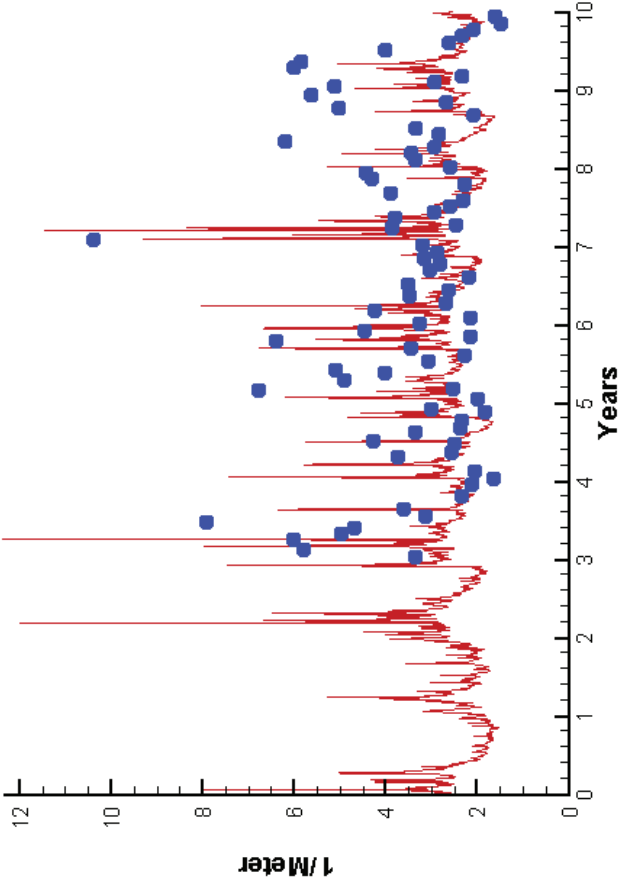
Top DO
Bot DO

1.5714
1.7471

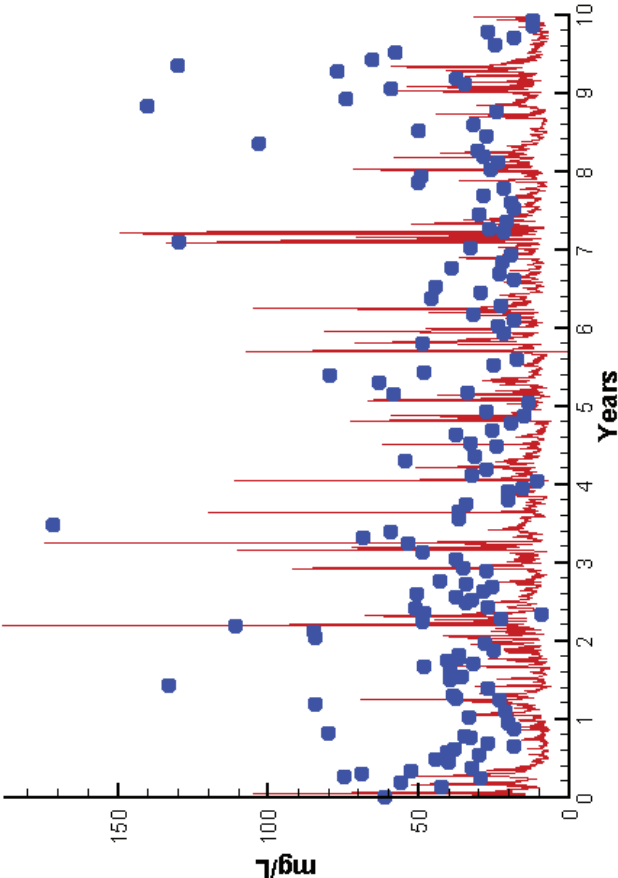
1.6419
1.7834

Station RET4.3

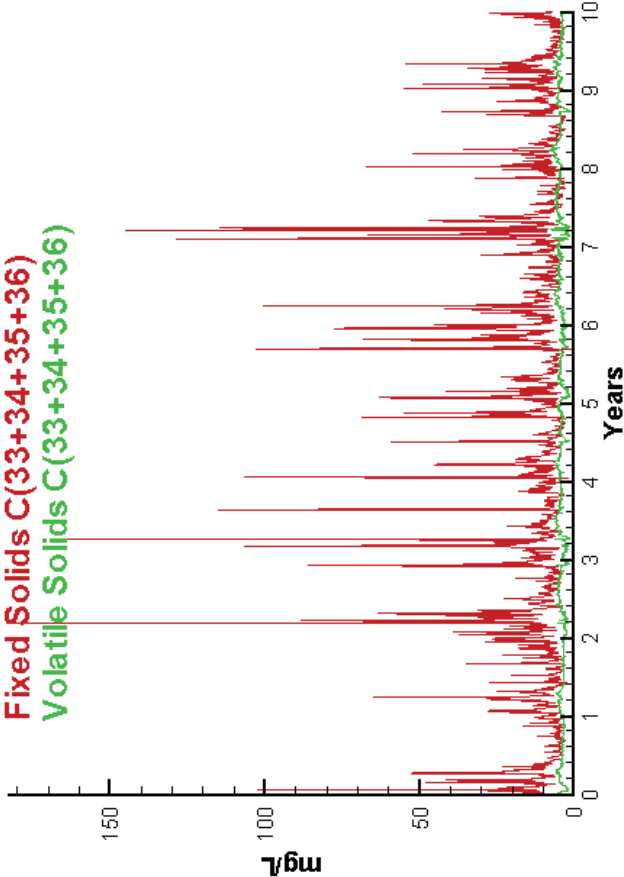
Run184 1991-2000
Light Extinction RET4.3 Surface



Run184 1991-2000
Total Solids RET4.3 Surface



Run184 1991-2000
Solids Surface



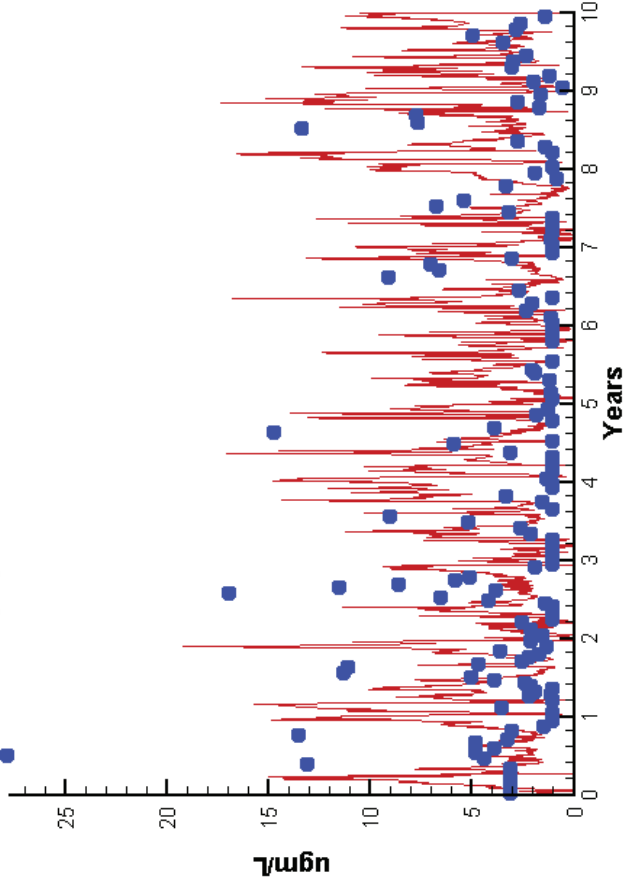
Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference
Absolute Mean Difference

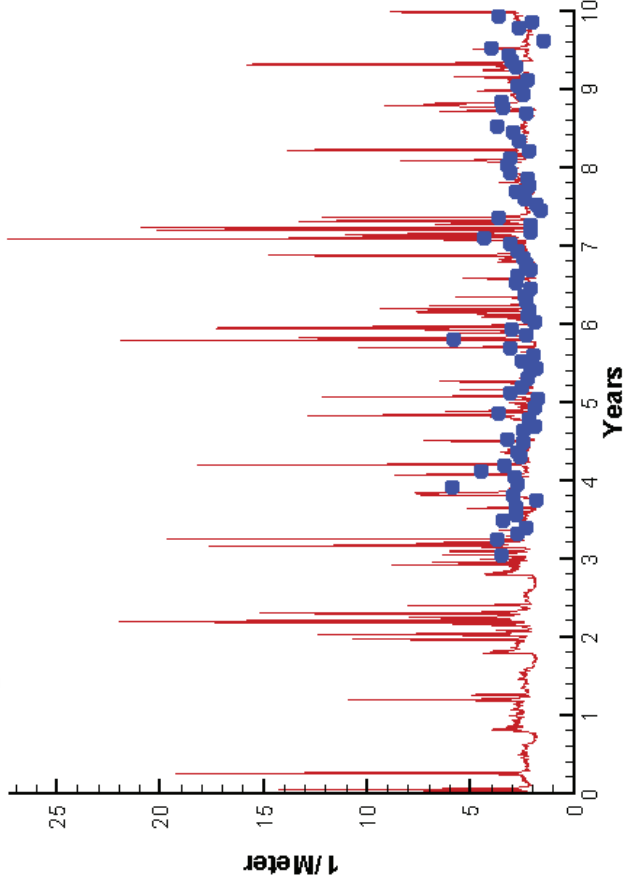
KE
TSS
-0.8287
-25.6191
1.1519
26.7237

Station TF4.2

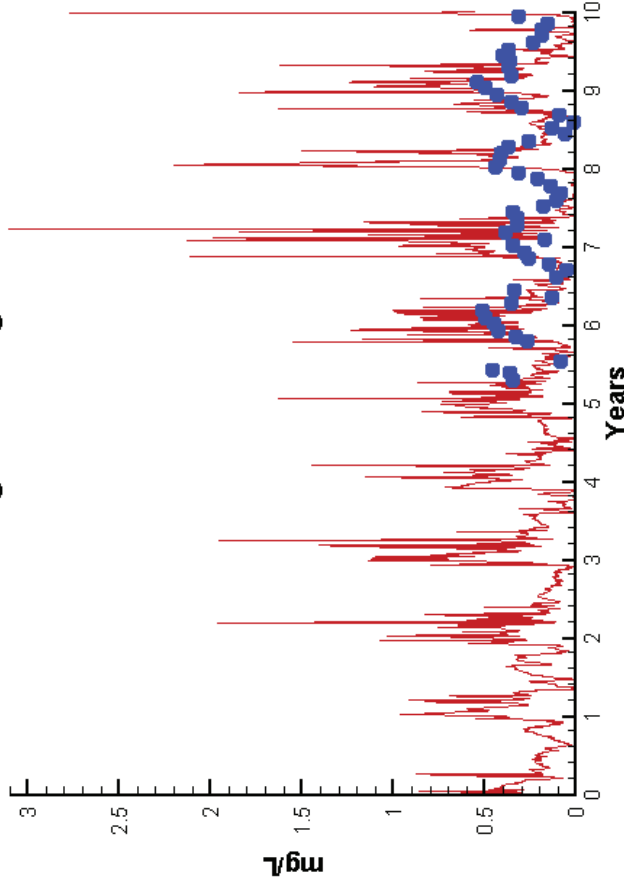
Run184 1991-2000
Chlorophyll TF4.2 Surface



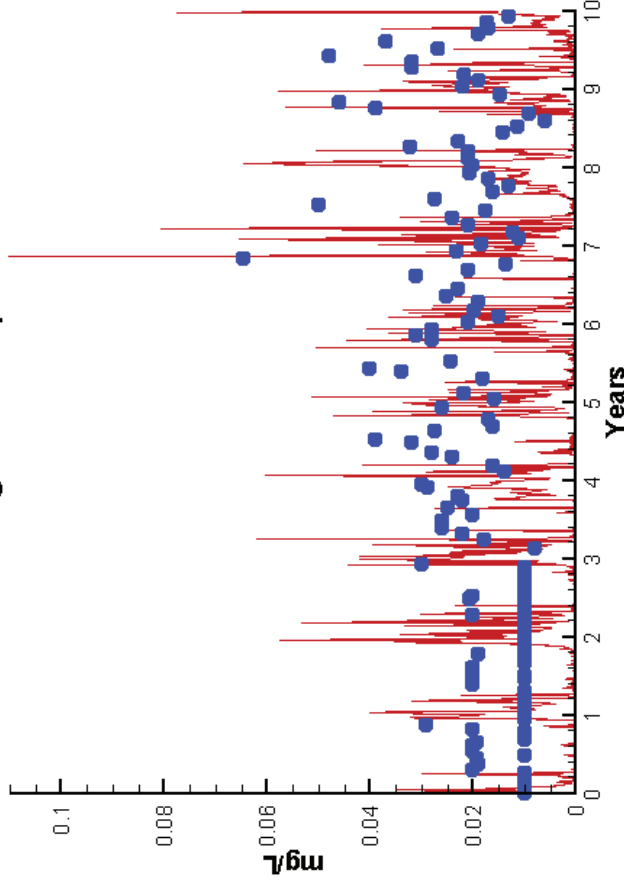
Run184 1991-2000
Light Extinction TF4.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen TF4.2 Surface

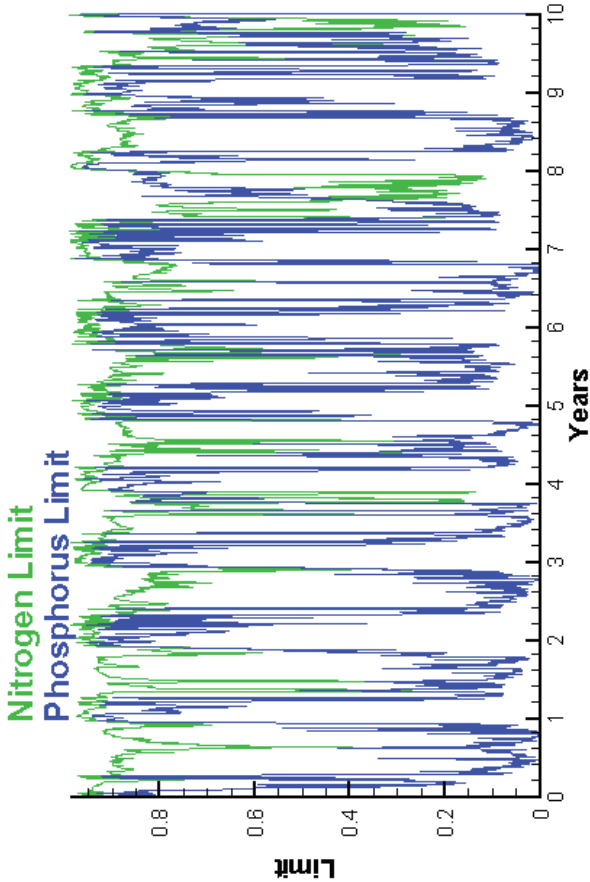


Run184 1991-2000
Dissolved Inorganic Phosphorus TF4.2 Surface

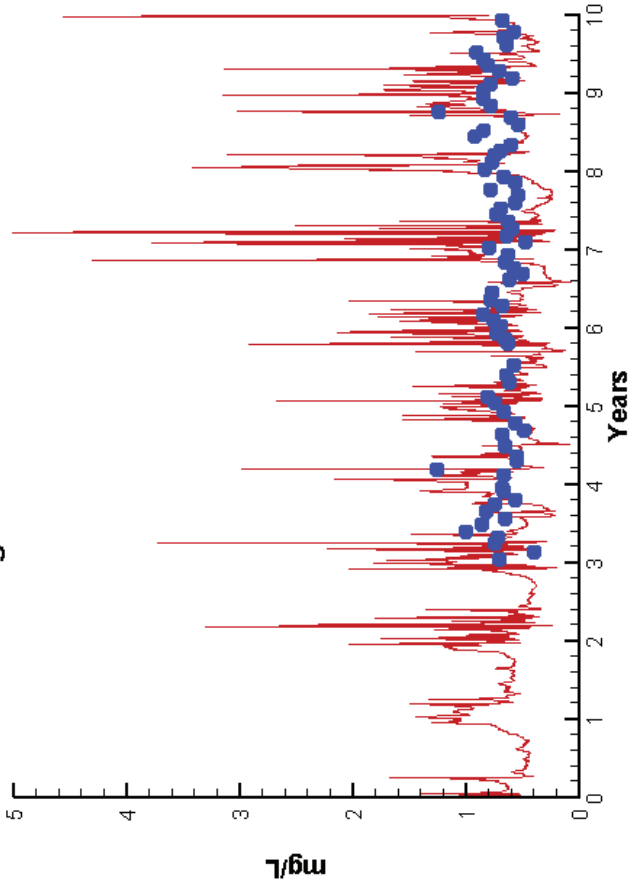


Station TF4.2

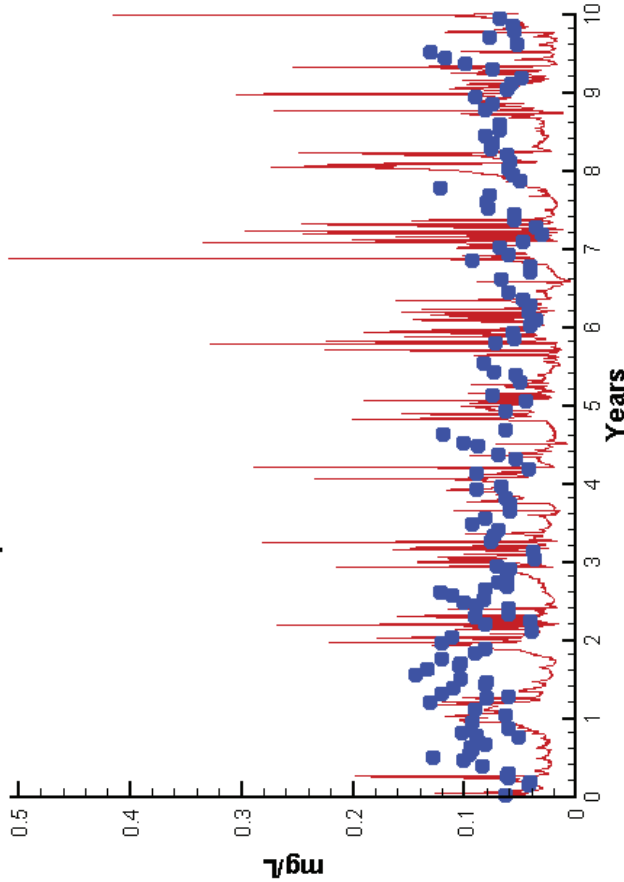
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen TF4.2 Surface



Run184 1991-2000
Total Phosphorus TF4.2 Surface



Mean Difference

Absolute Mean Difference

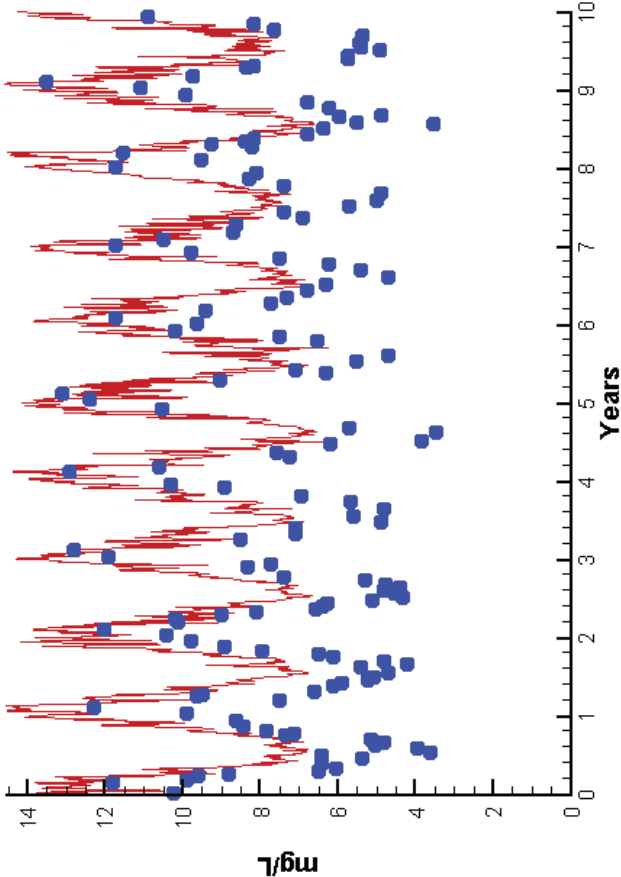
Chl
DIN
KE
DIP
TP
TN

1.2616
0.0135
0.2643
-0.0131
-0.0279
0.0407

4.3014
0.2023
0.8821
0.0160
0.0425
0.3131

Station TF4.2

Run184 1991-2000
Dissolved Oxygen TF4.2 Surface



Mean Difference

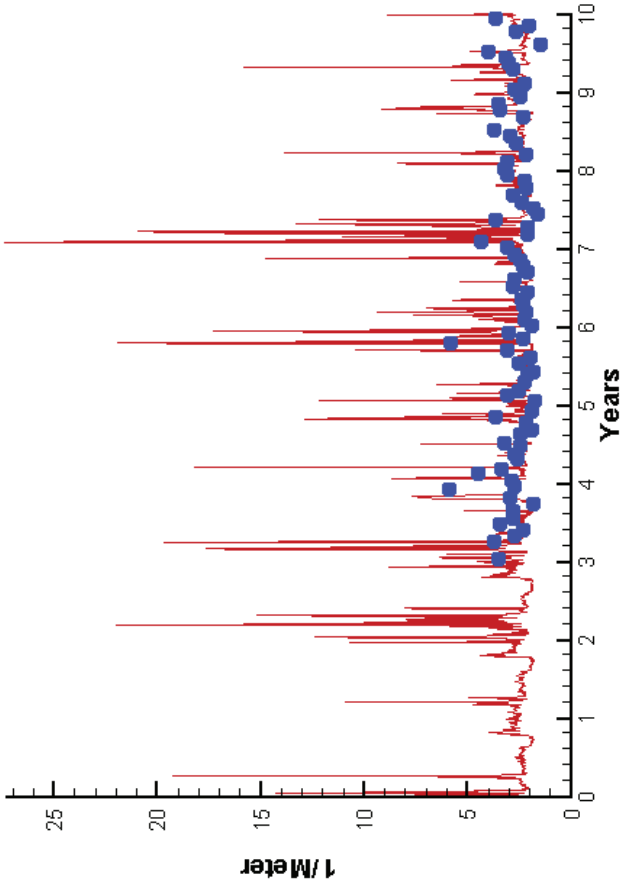
Top DO 2.2599

Absolute Mean Difference

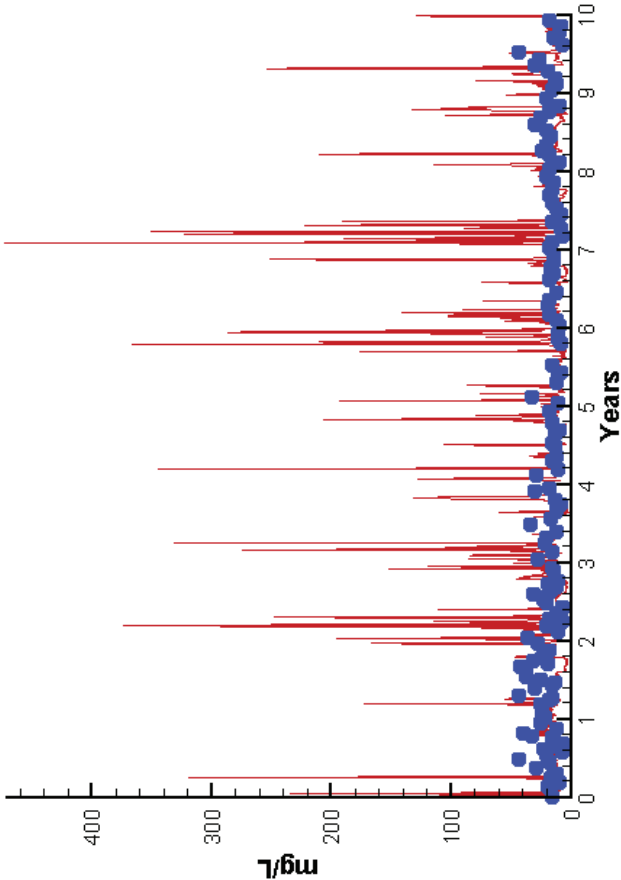
2.3146

Station TF4.2

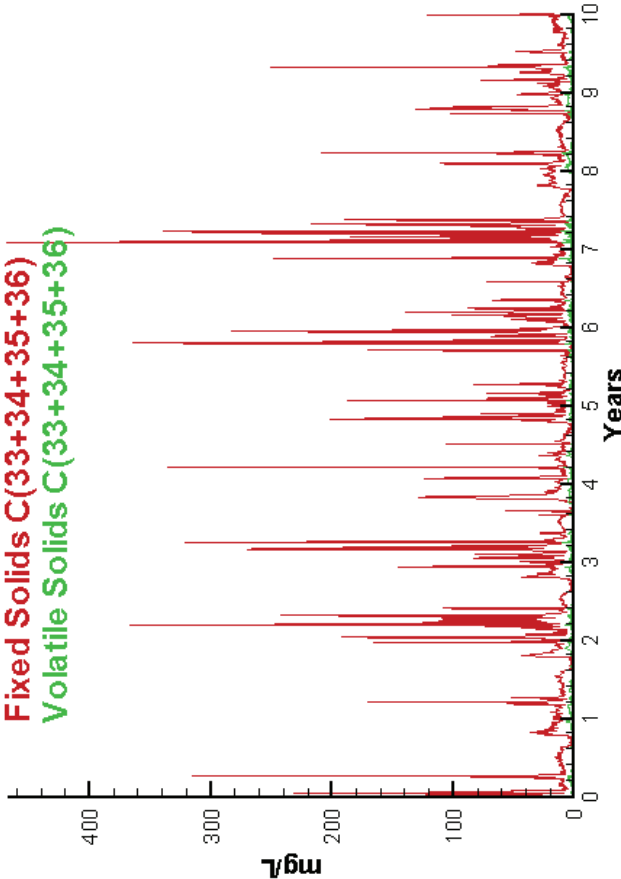
Run184 1991-2000
Light Extinction TF4.2 Surface



Run184 1991-2000
Total Solids TF4.2 Surface



Run184 1991-2000
Solids Surface



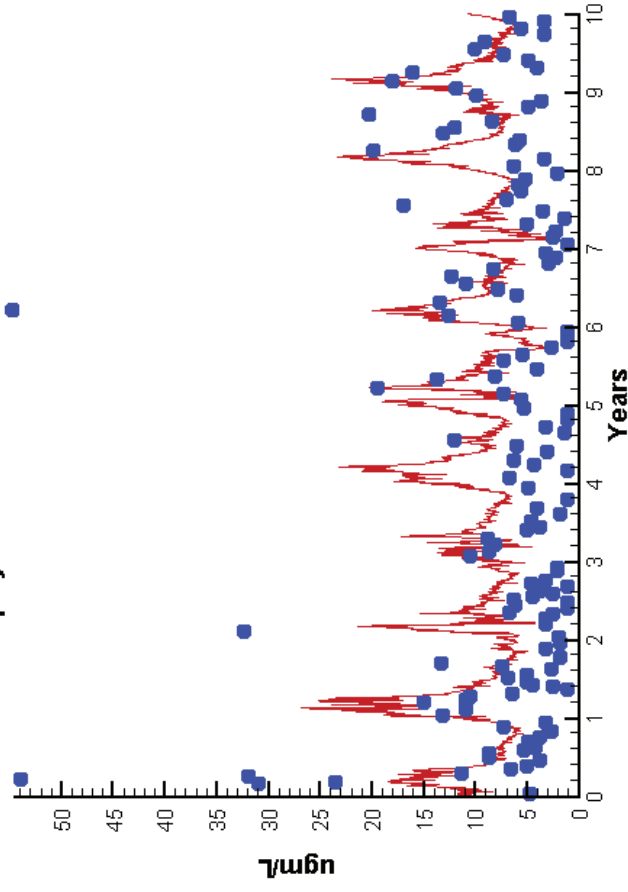
Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference Absolute Mean Difference

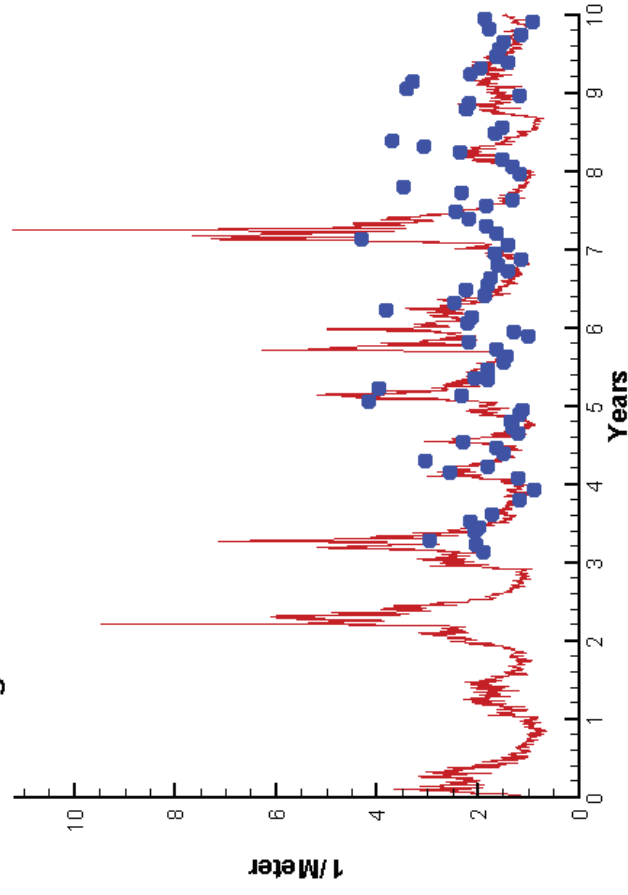
KE 0.2643 0.8821
TSS 6.1581 16.6254

Station LE5.3

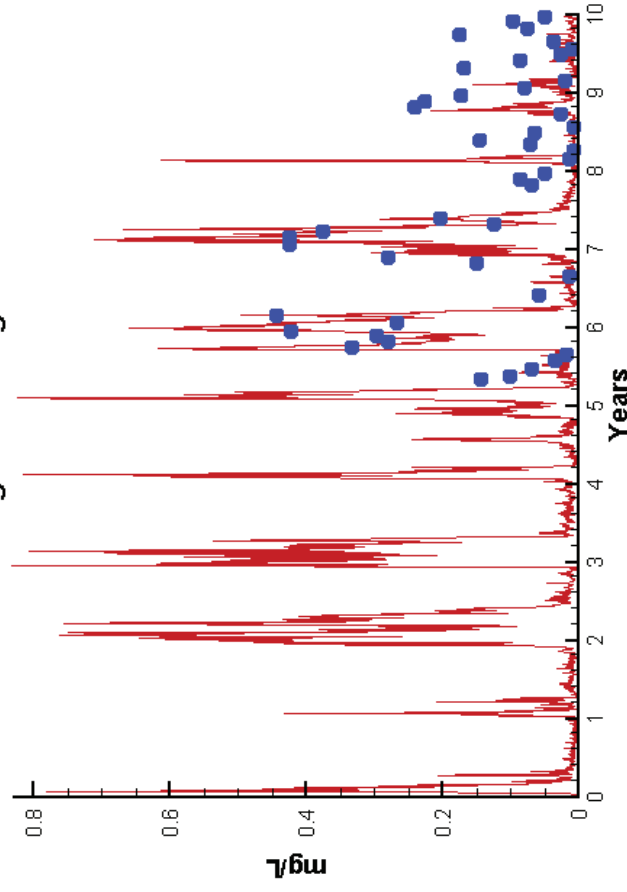
Run184 1991-2000
Chlorophyll LE5.3 Surface



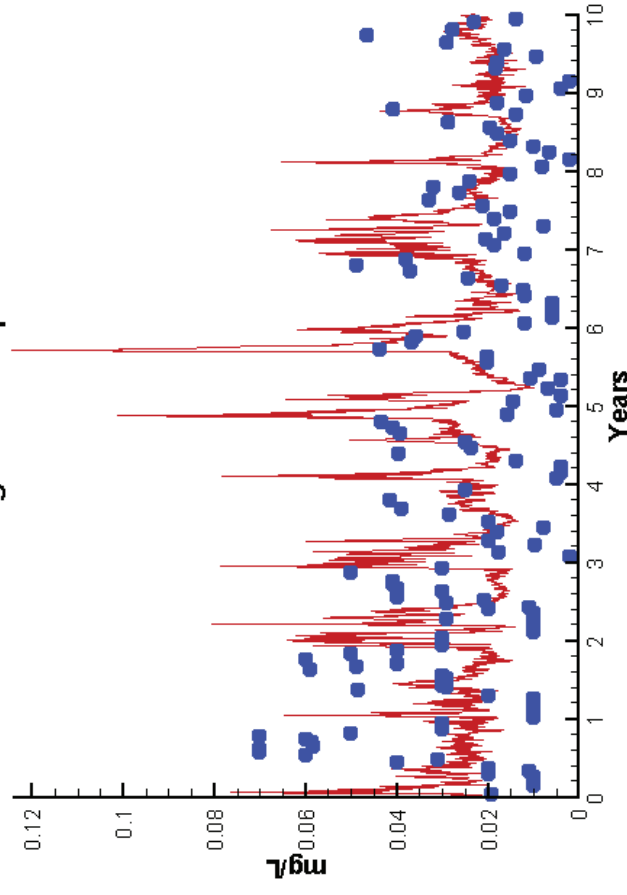
Run184 1991-2000
Light Extinction LE5.3 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen LE5.3 Surface

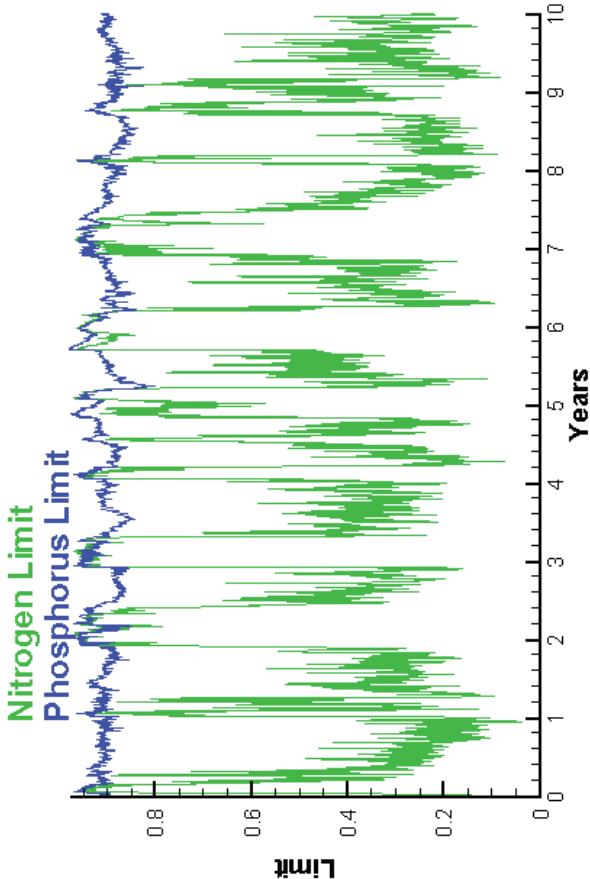


Run184 1991-2000
Dissolved Inorganic Phosphorus LE5.3 Surface

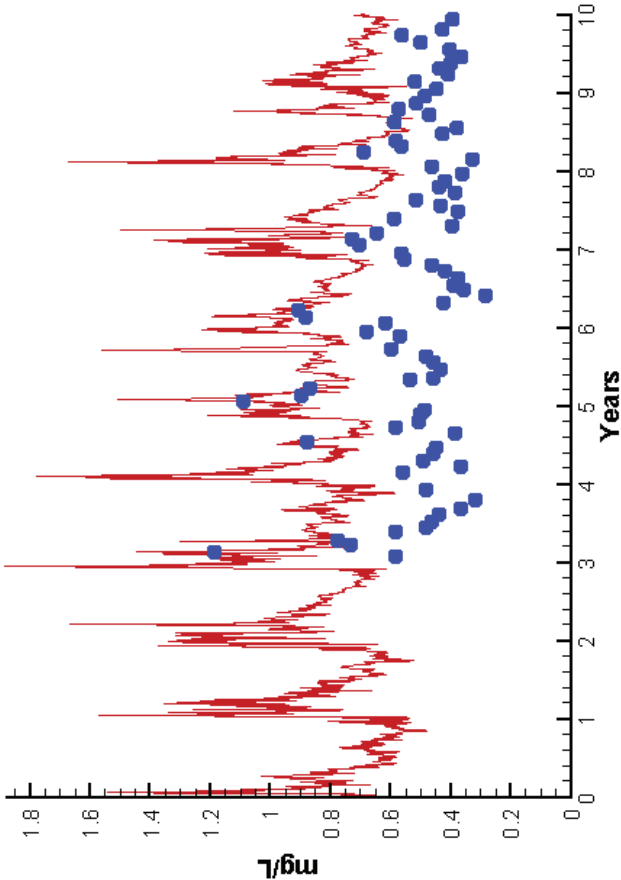


Station LE5.3

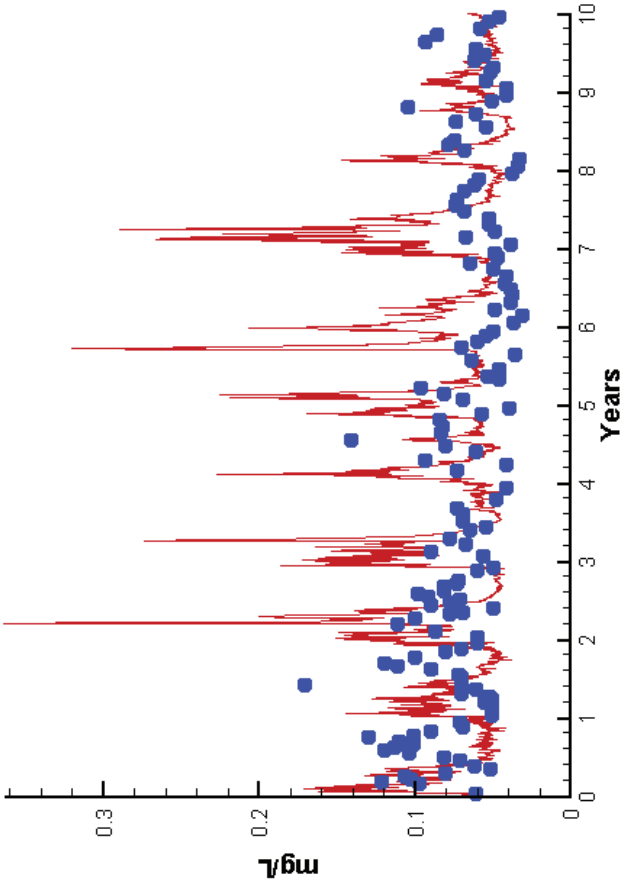
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen LE5.3 Surface



Run184 1991-2000
Total Phosphorus LE5.3 Surface



Mean Difference

Absolute Mean Difference

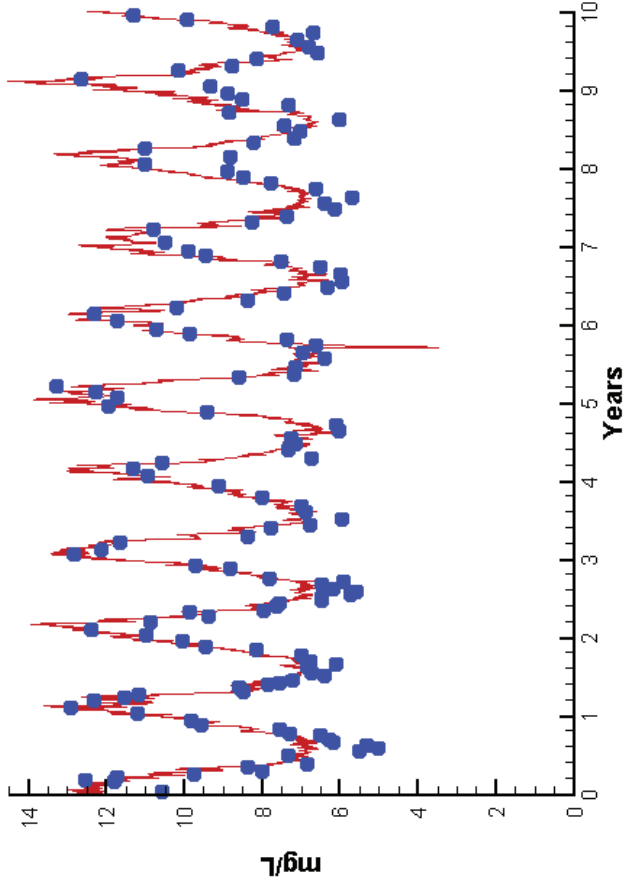
Chl
DIN
KE
DIP
TP
TN

2.7801
-0.0493
0.0398
0.0023
0.0071
0.2992

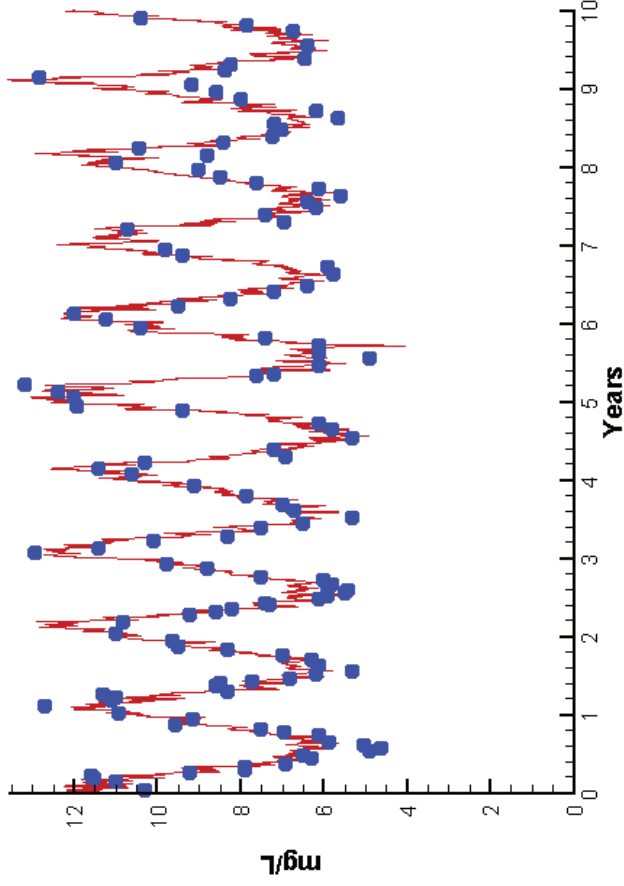
5.5901
0.0775
0.6927
0.0162
0.0322
0.2992

Station LE5.3

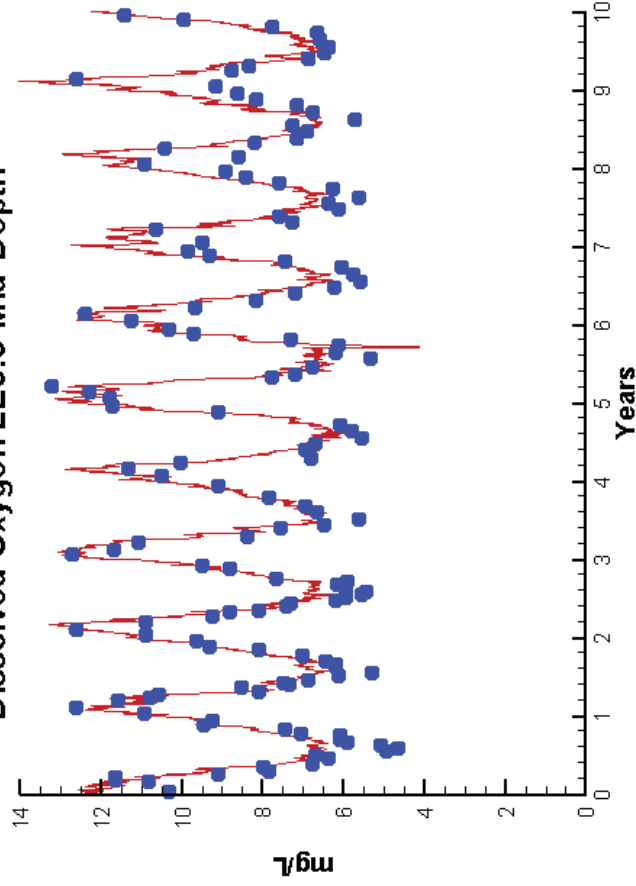
Run184 1991-2000
Dissolved Oxygen LE5.3 Surface



Run184 1991-2000
Dissolved Oxygen LE5.3 Bottom



Run184 1991-2000
Dissolved Oxygen LE5.3 Mid-Depth



Mean Difference

Absolute Mean Difference

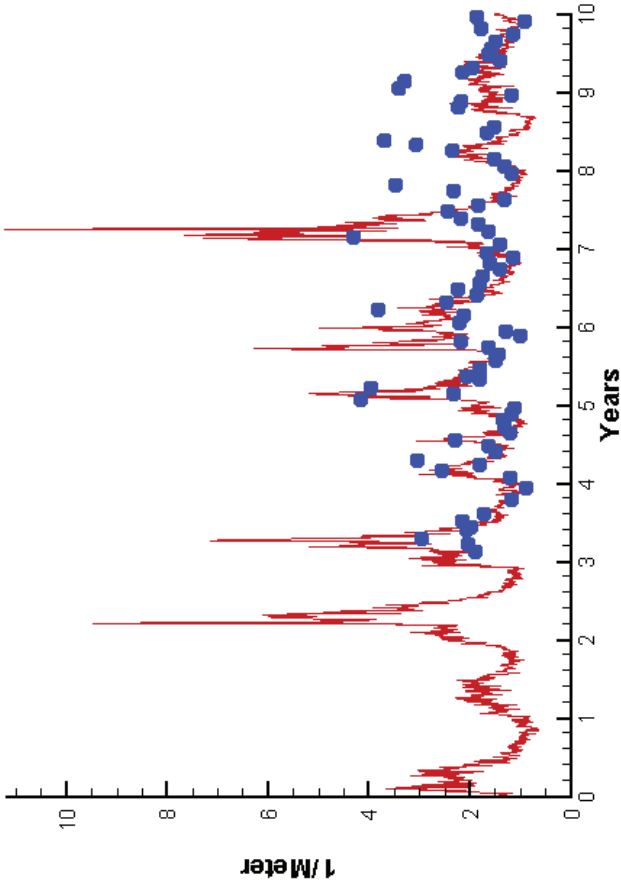
Top DO
Mid DO
Bot DO

0.6086
0.6939
0.4198

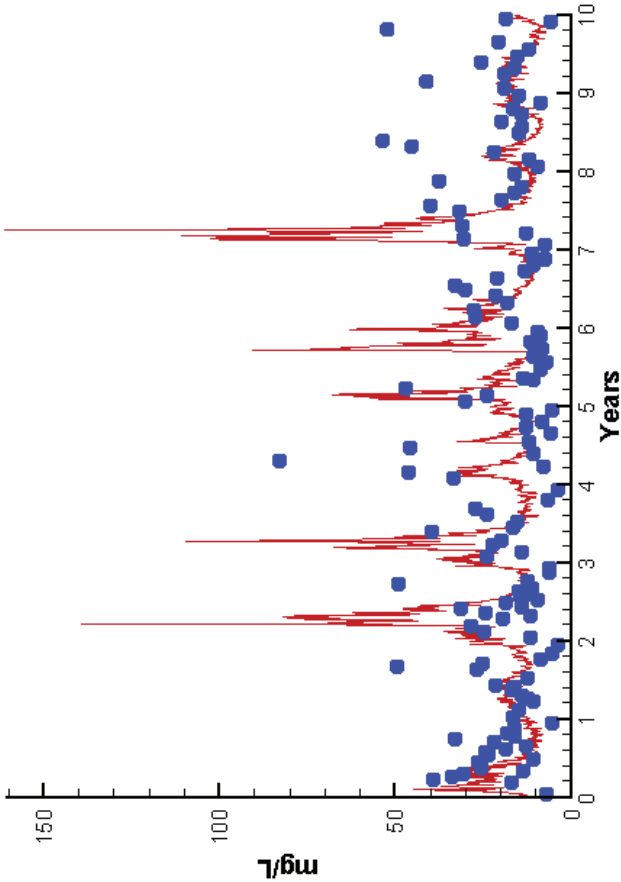
0.7337
0.7882
0.7063

Station LE5.3

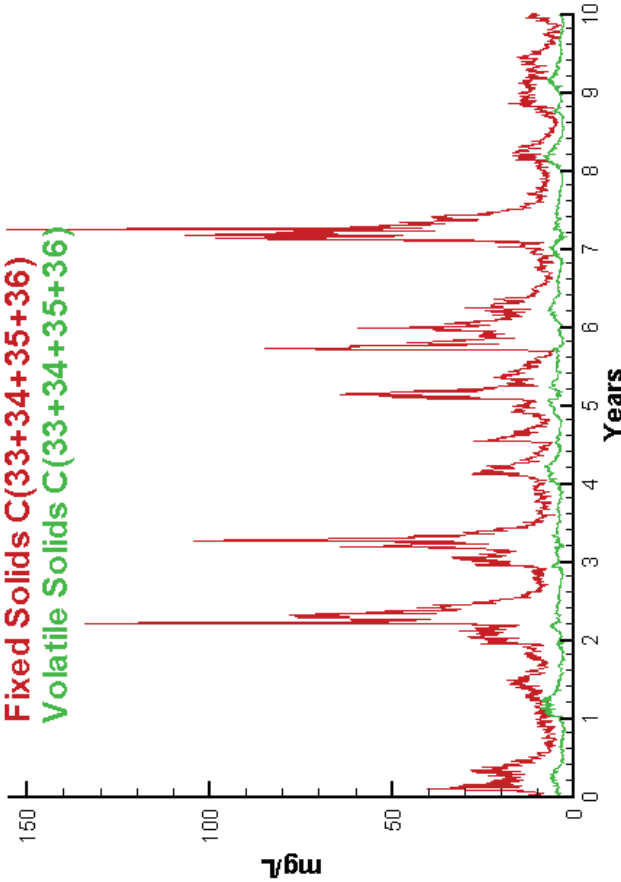
Run184 1991-2000
Light Extinction LE5.3 Surface



Run184 1991-2000
Total Solids LE5.3 Surface



Run184 1991-2000
Solids Surface



Mean Difference

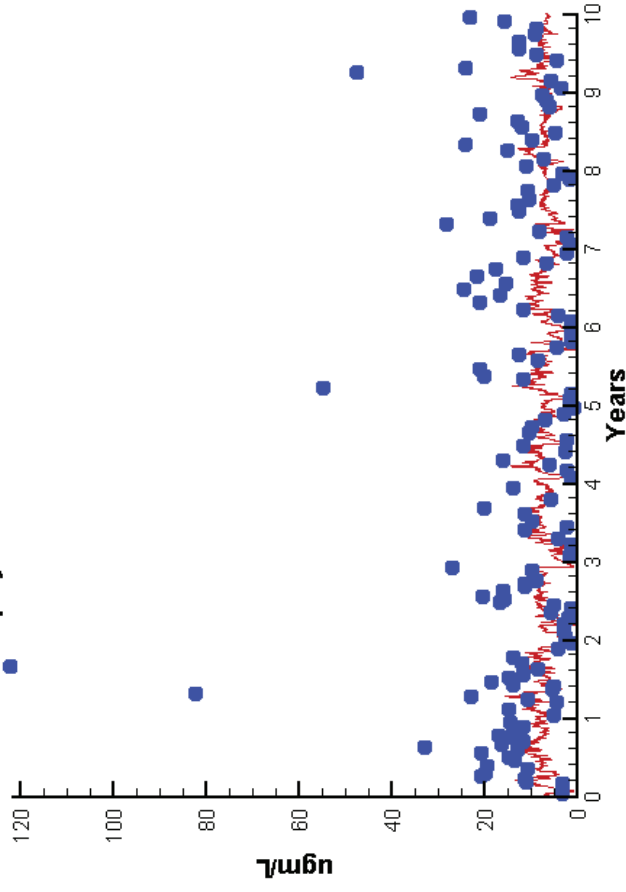
KE
0.0398
TSS
1.2054

Absolute Mean Difference

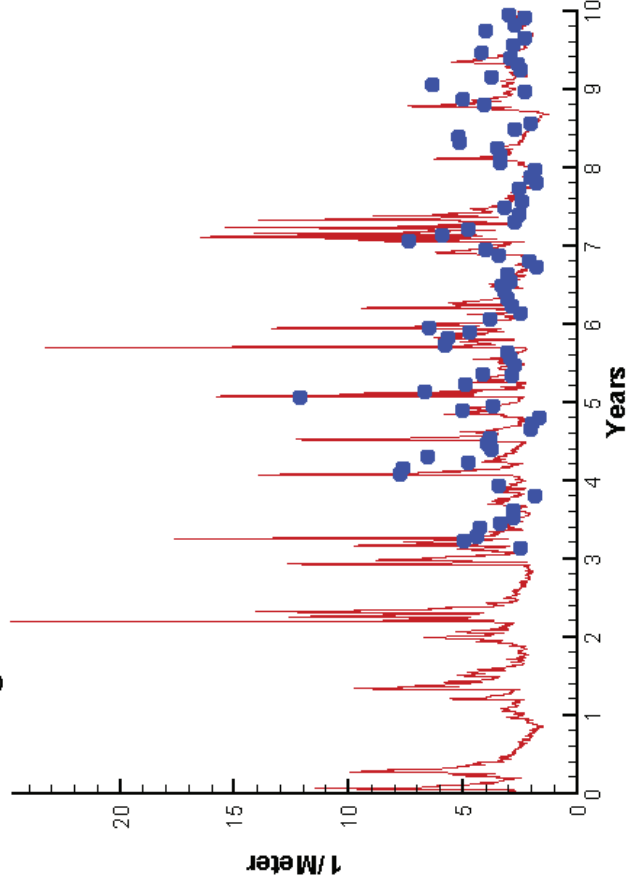
0.6927
12.4992

Station RET5.2

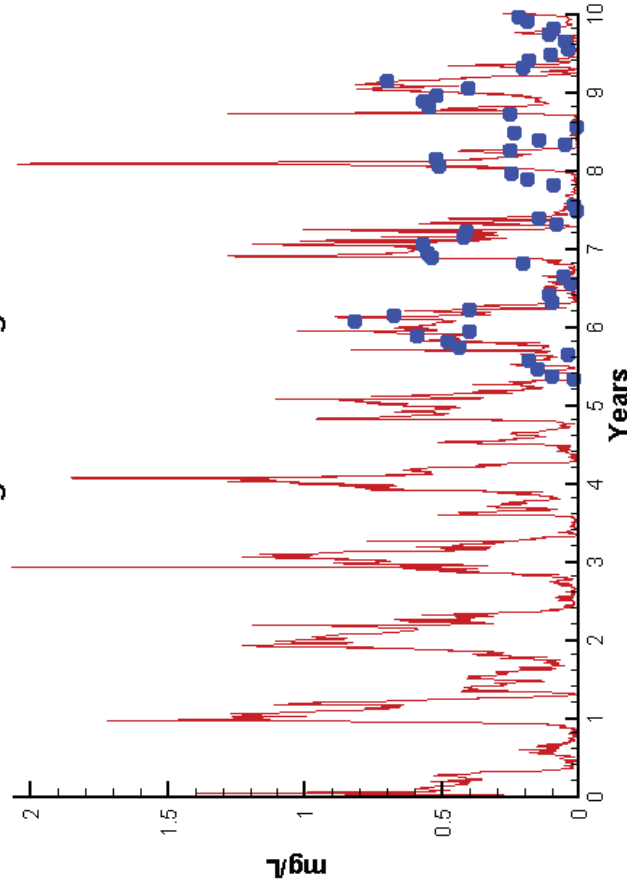
Run184 1991-2000
Chlorophyll RET5.2 Surface



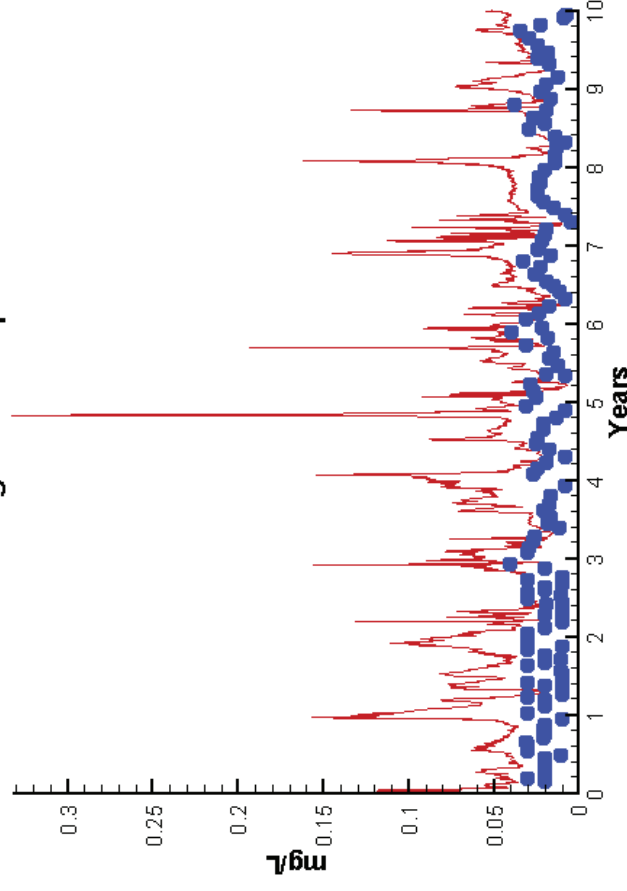
Run184 1991-2000
Light Extinction RET5.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen RET5.2 Surface

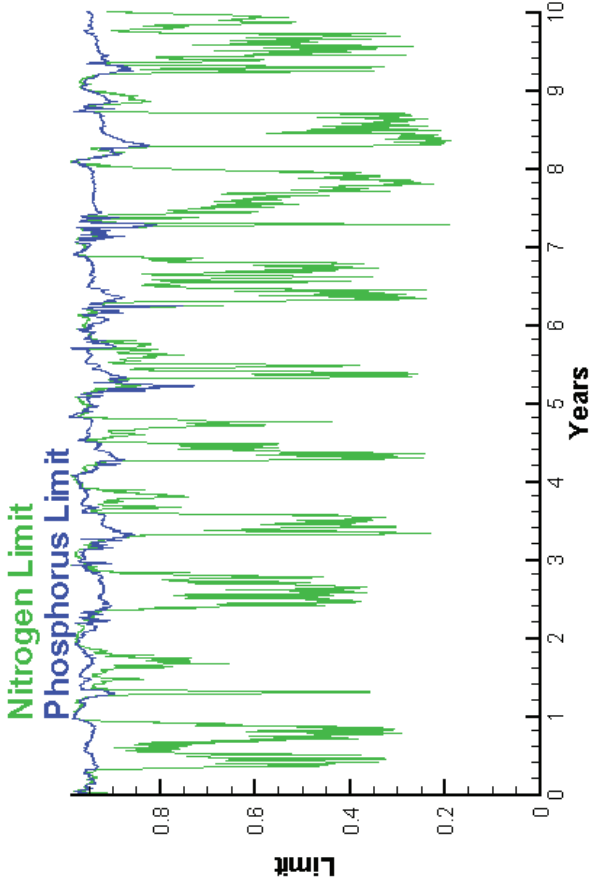


Run184 1991-2000
Dissolved Inorganic Phosphorus RET5.2 Surface

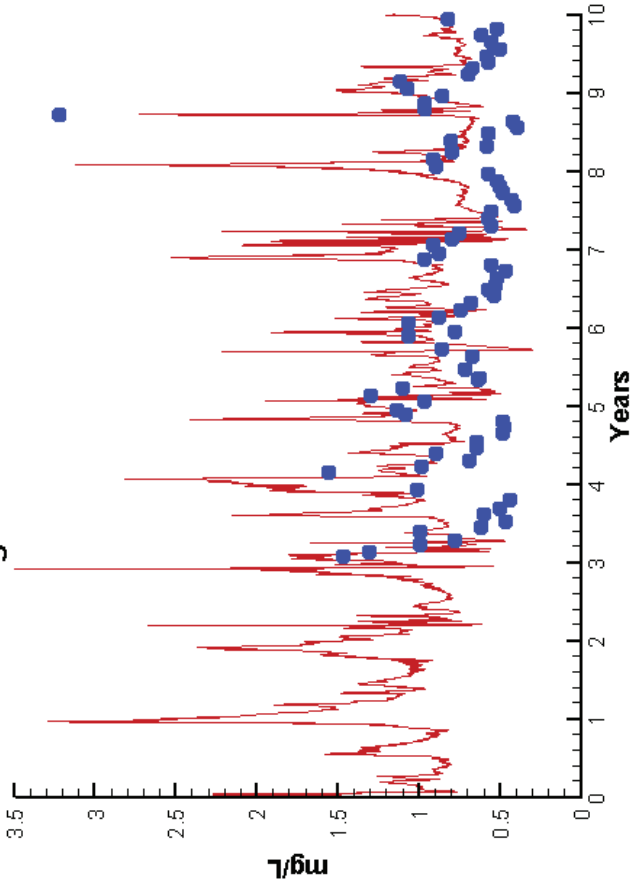


Station RET5.2

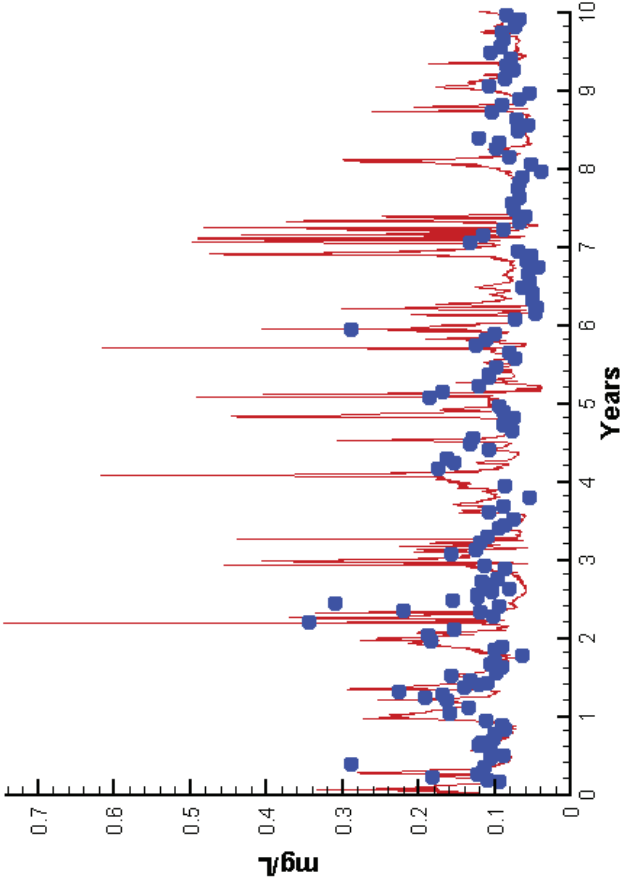
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen RET5.2 Surface



Run184 1991-2000
Total Phosphorus RET5.2 Surface



Mean Difference

Absolute Mean Difference

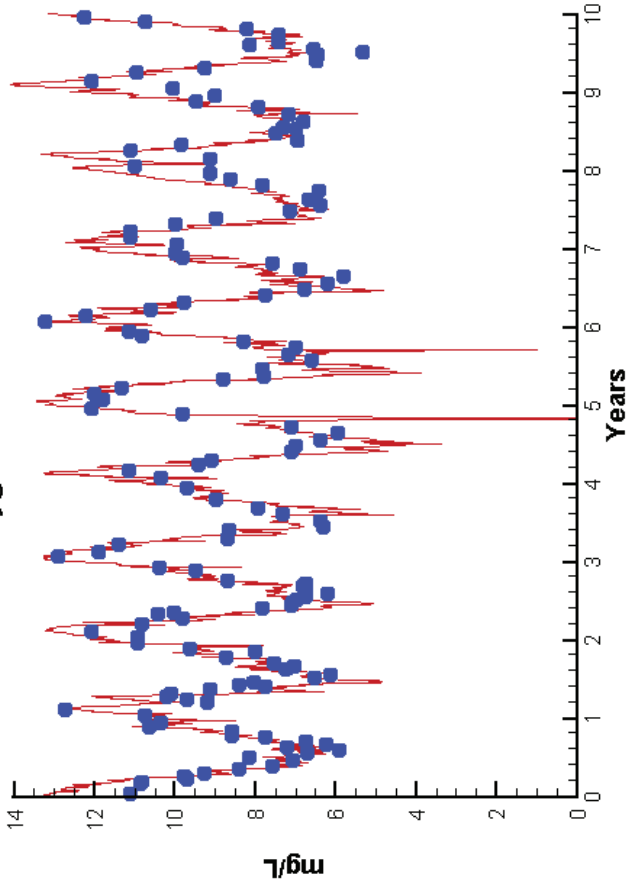
Chl
DIN
KE
DIP
TP
TN

-4.9928
-0.0201
-0.1645
0.0256
0.0063
0.2260

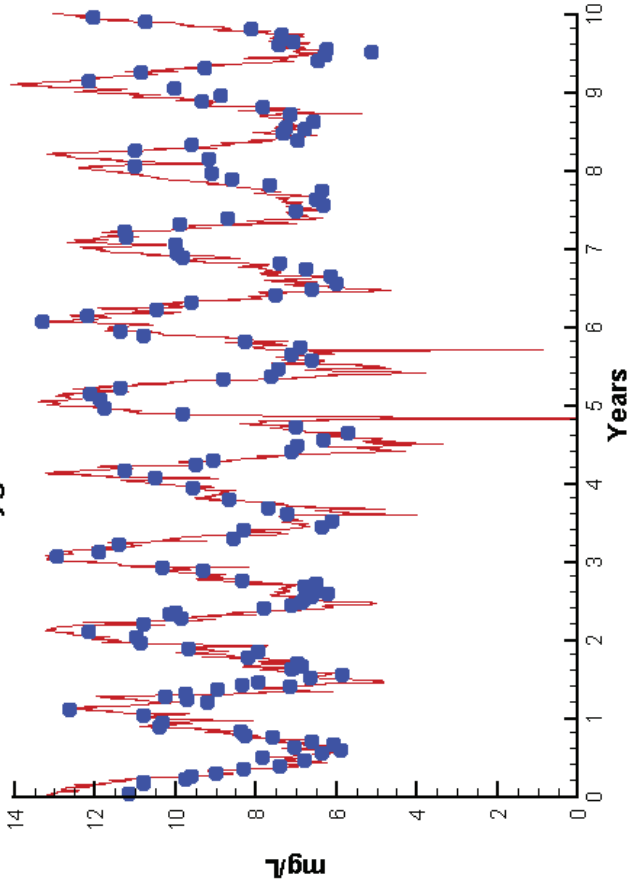
7.2475
0.1498
1.0746
0.0263
0.0459
0.3587

Station RET5.2

Run184 1991-2000
Dissolved Oxygen RET5.2 Surface



Run184 1991-2000
Dissolved Oxygen RET5.2 Bottom



Mean Difference

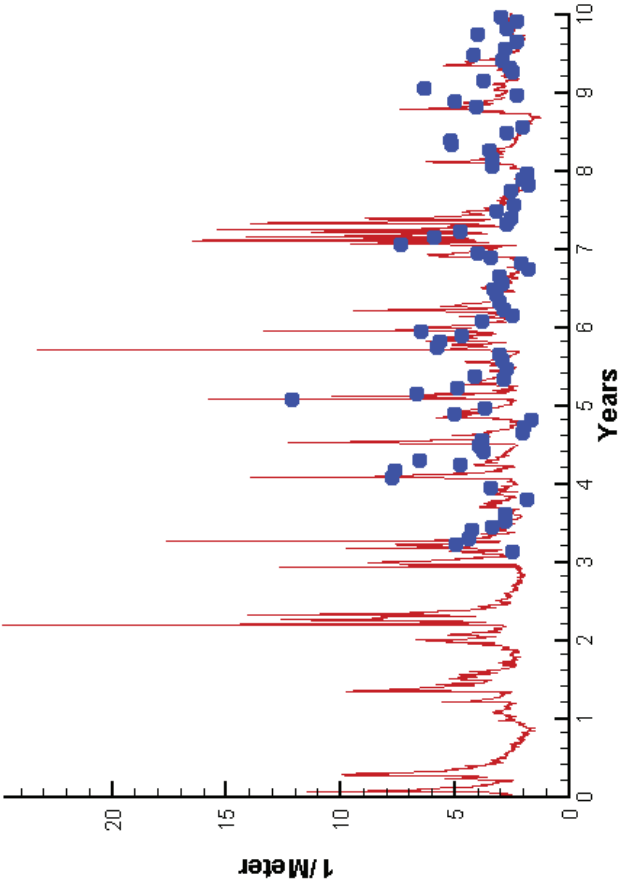
Top DO 0.1906
Bot DO 0.1895

Absolute Mean Difference

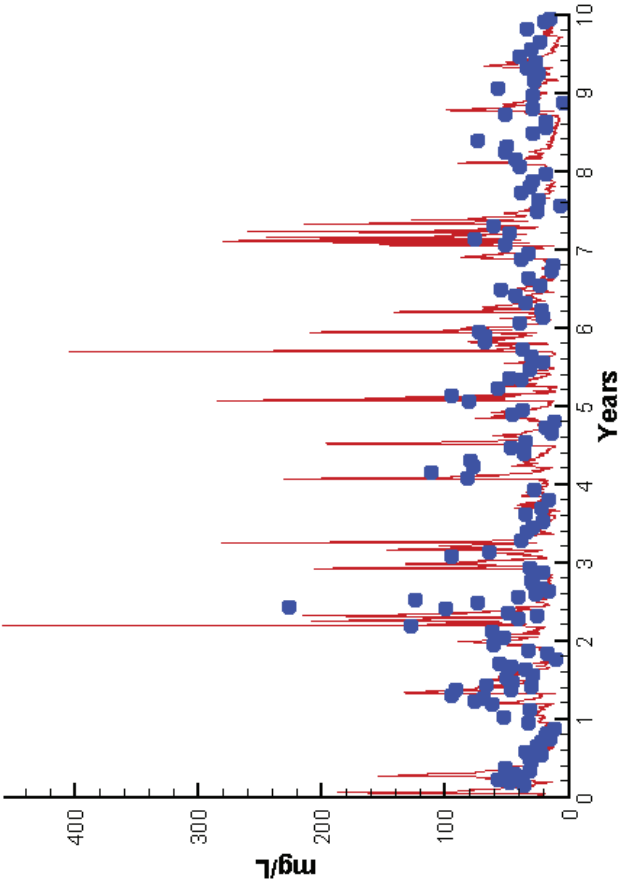
0.8757
0.8474

Station RET5.2

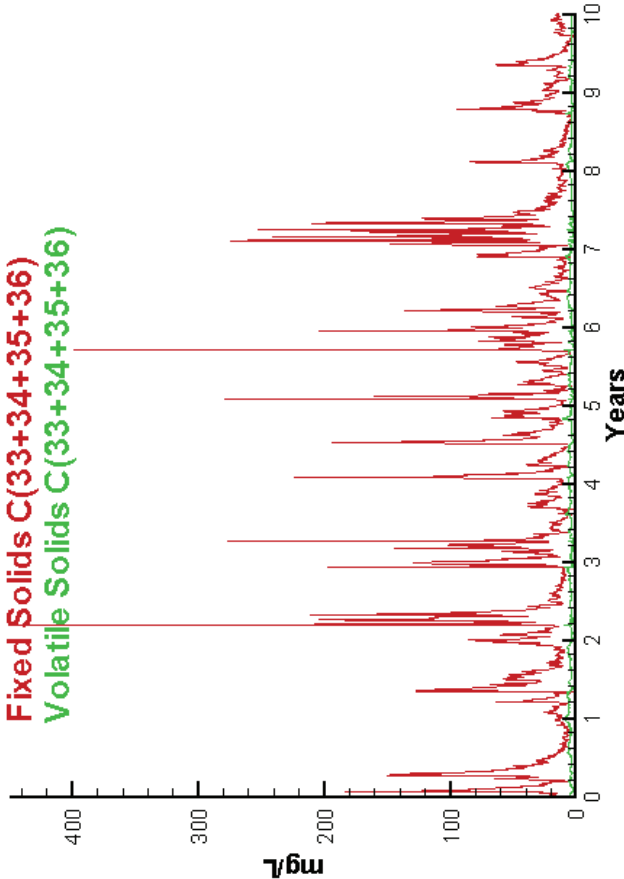
Run184 1991-2000
Light Extinction RET5.2 Surface



Run184 1991-2000
Total Solids RET5.2 Surface



Run184 1991-2000
Solids Surface



Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference

Absolute Mean Difference

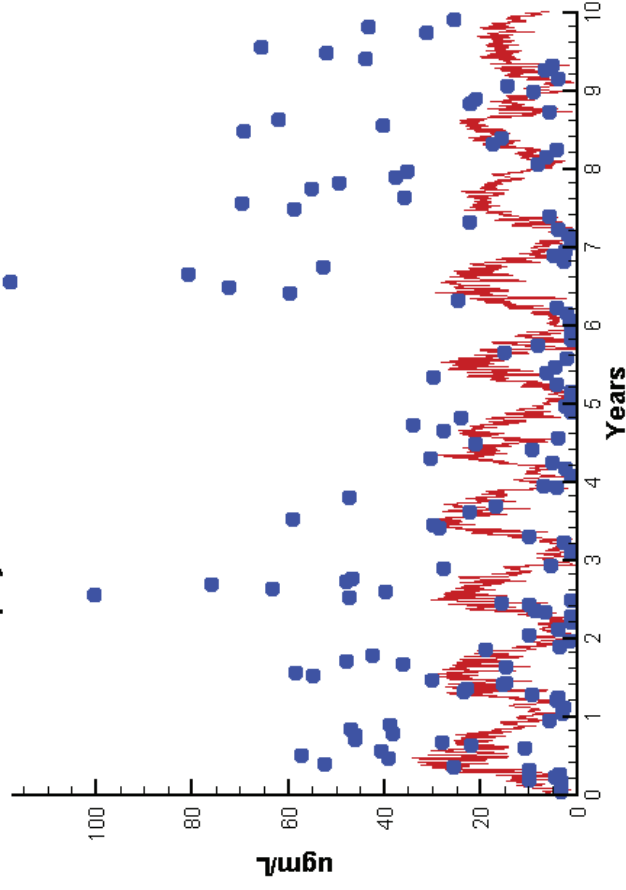
KE
TSS

-0.1645
-4.1068

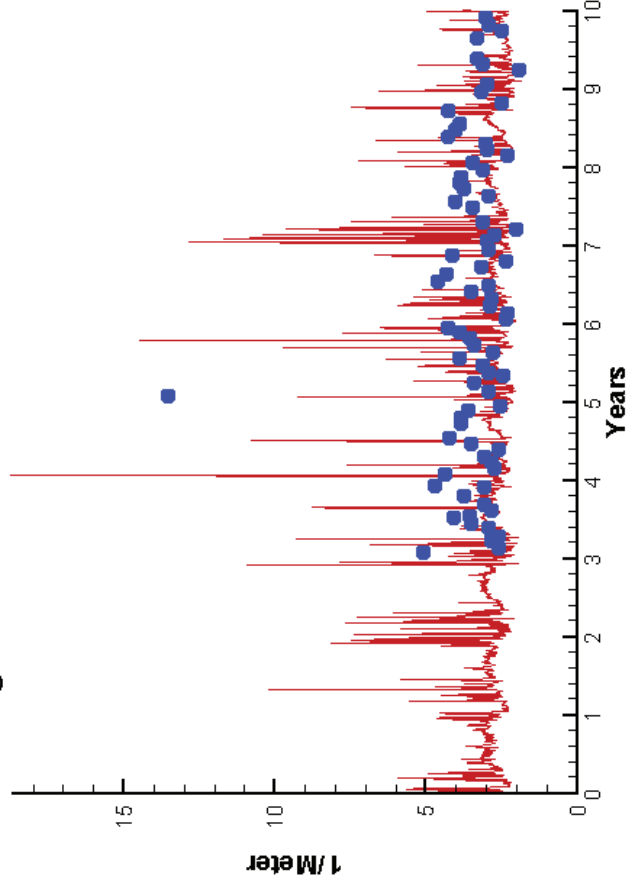
1.0746
24.9013

Station TF5.5

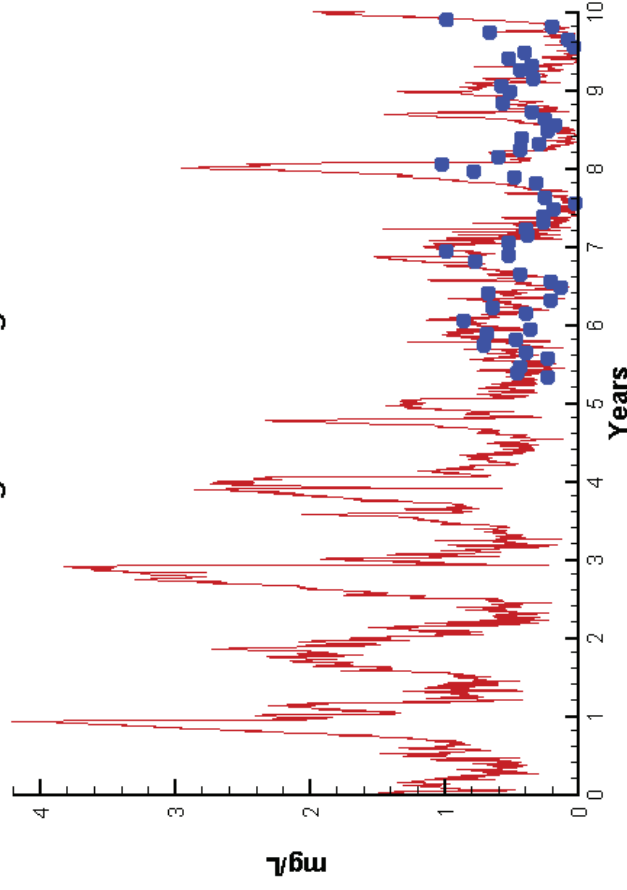
Run184 1991-2000
Chlorophyll TF5.5 Surface



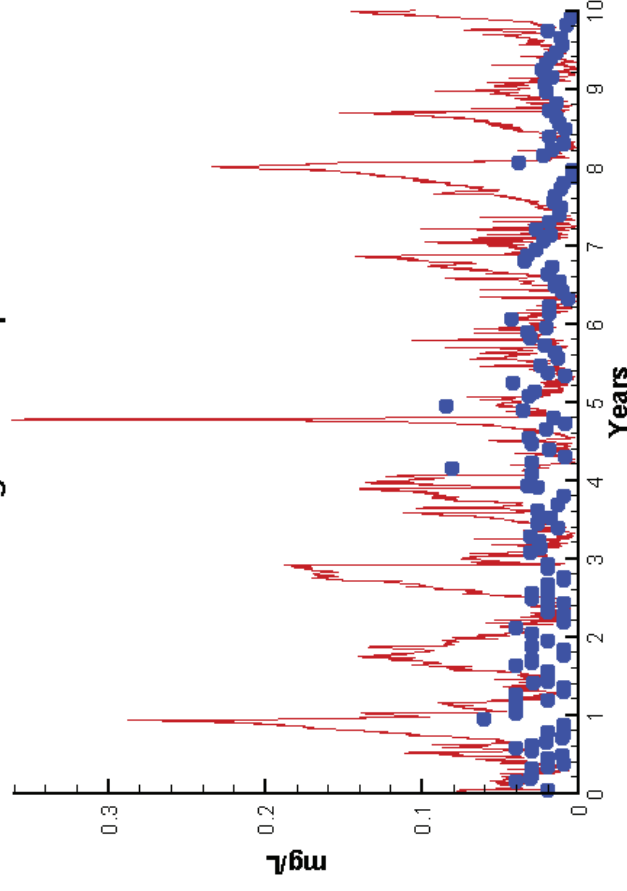
Run184 1991-2000
Light Extinction TF5.5 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen TF5.5 Surface

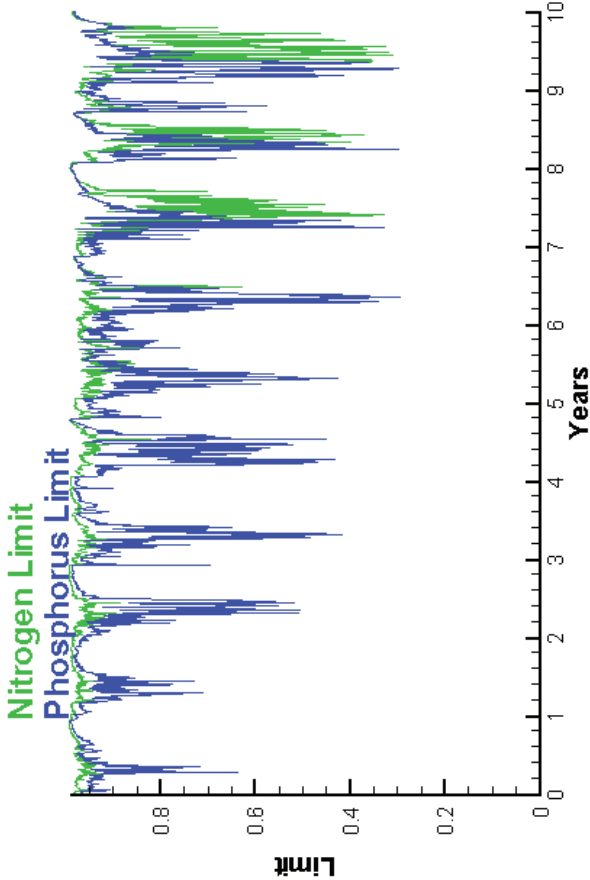


Run184 1991-2000
Dissolved Inorganic Phosphorus TF5.5 Surface

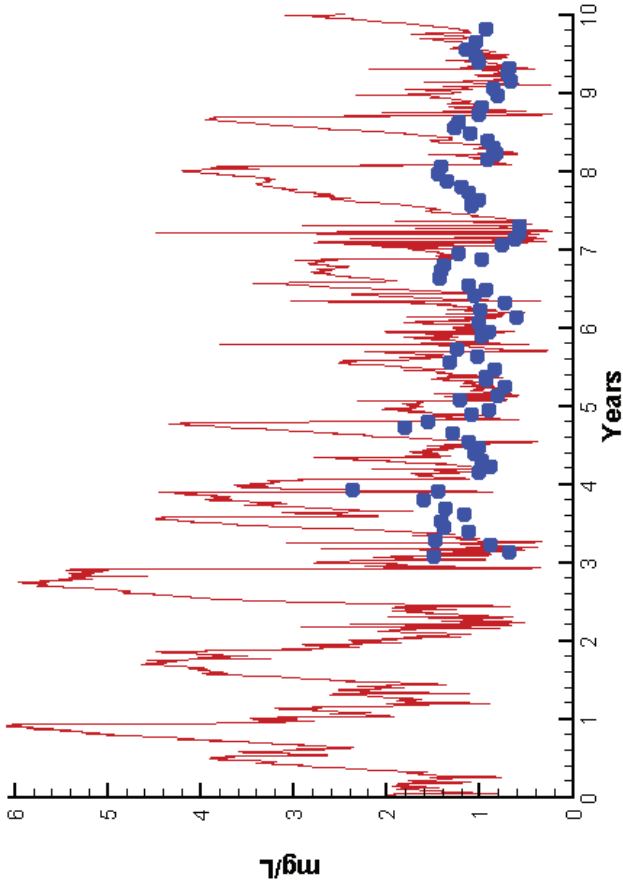


Station TF5.5

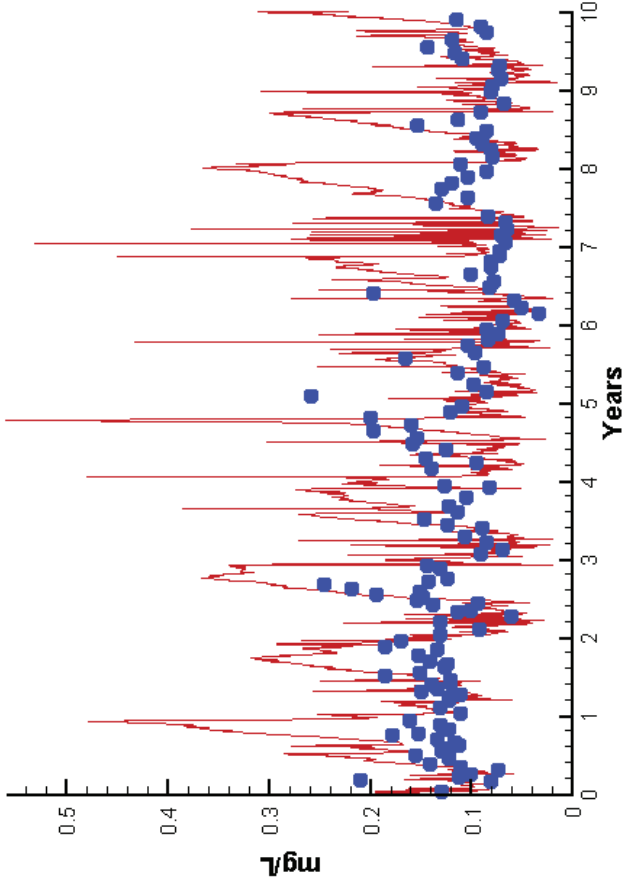
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen TF5.5 Surface



Run184 1991-2000
Total Phosphorus TF5.5 Surface



Mean Difference

Absolute Mean Difference

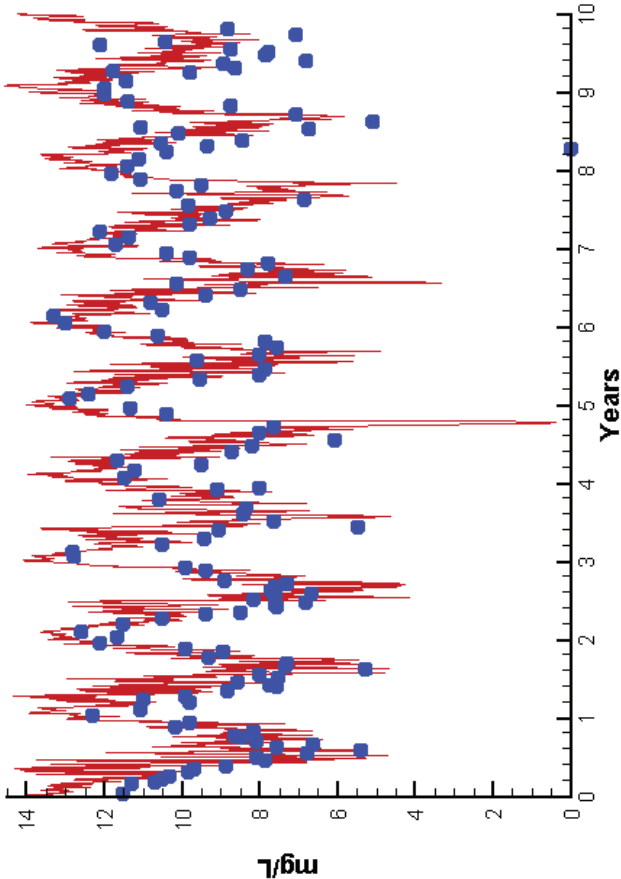
Chl
DIN
KE
DIP
TP
TN

-8.7220
0.1229
-0.4000
0.0273
0.0352
0.7812

14.5319
0.2683
1.0779
0.0344
0.0663
0.8416

Station TF5.5

Run184 1991-2000
Dissolved Oxygen TF5.5 Surface



Mean Difference

1.2348

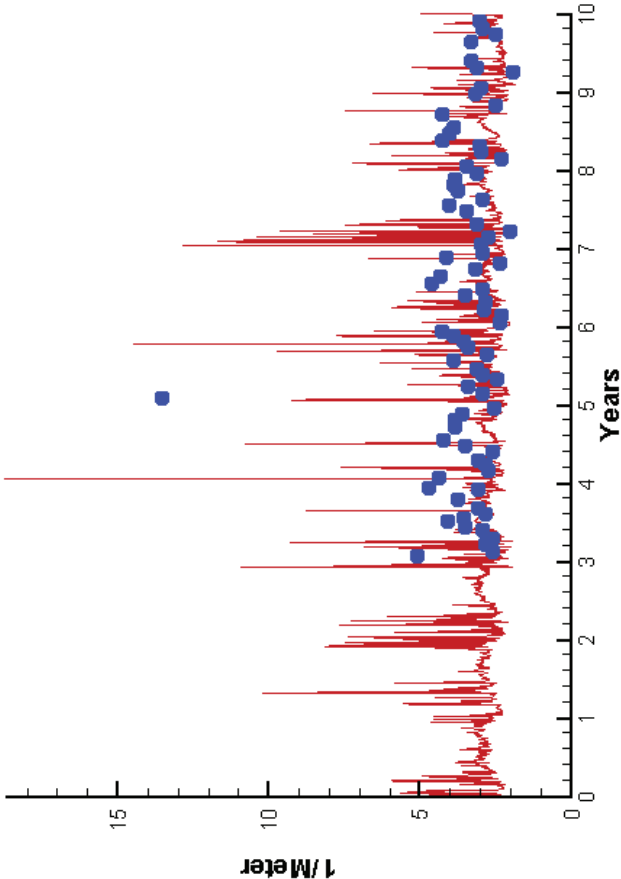
Absolute Mean Difference

1.7665

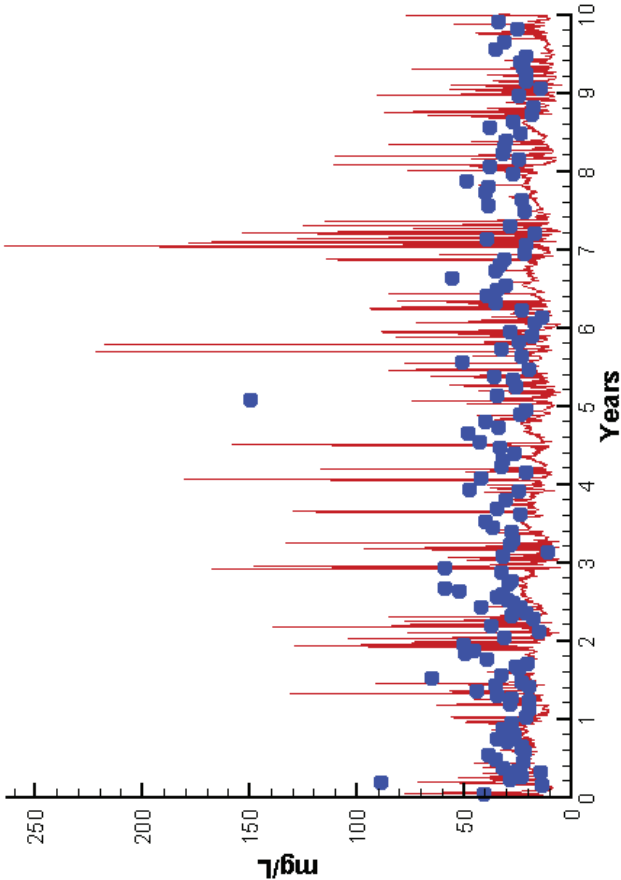
Top DO

Station TF5.5

Run184 1991-2000
Light Extinction TF5.5 Surface

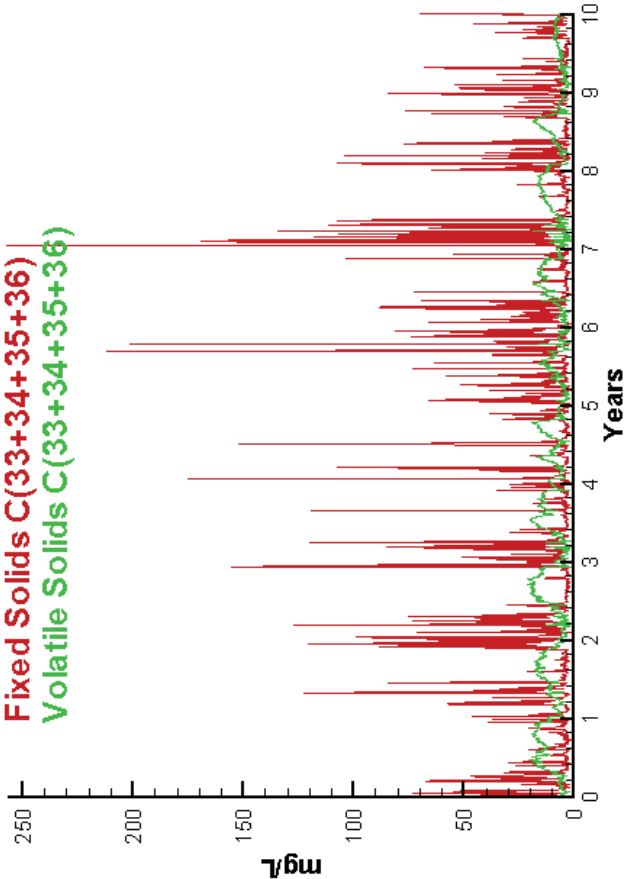


Run184 1991-2000
Total Solids TF5.5 Surface



Run184 1991-2000
Solids Surface

Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)



Mean Difference

Absolute Mean Difference

KE

TSS

-0.4000

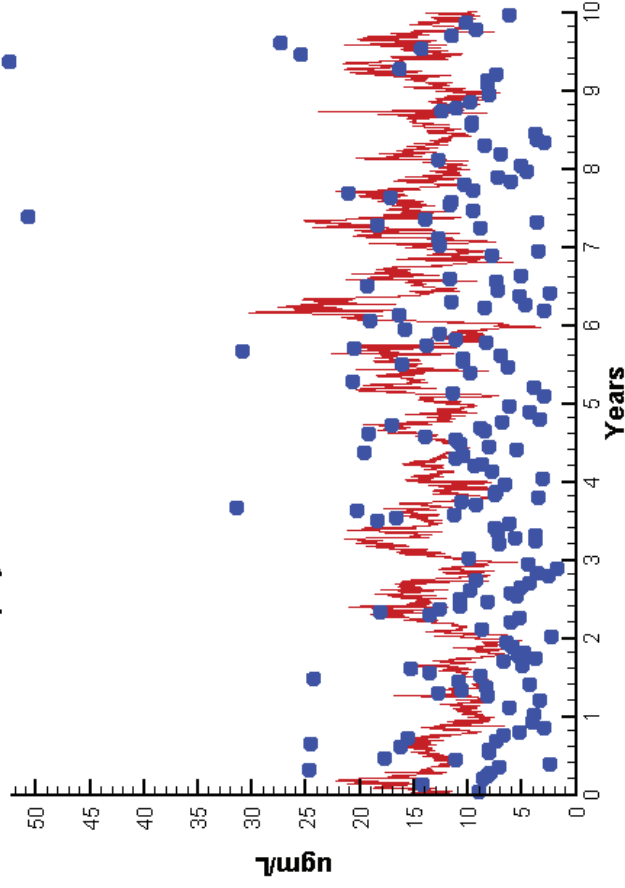
-8.3800

1.0779

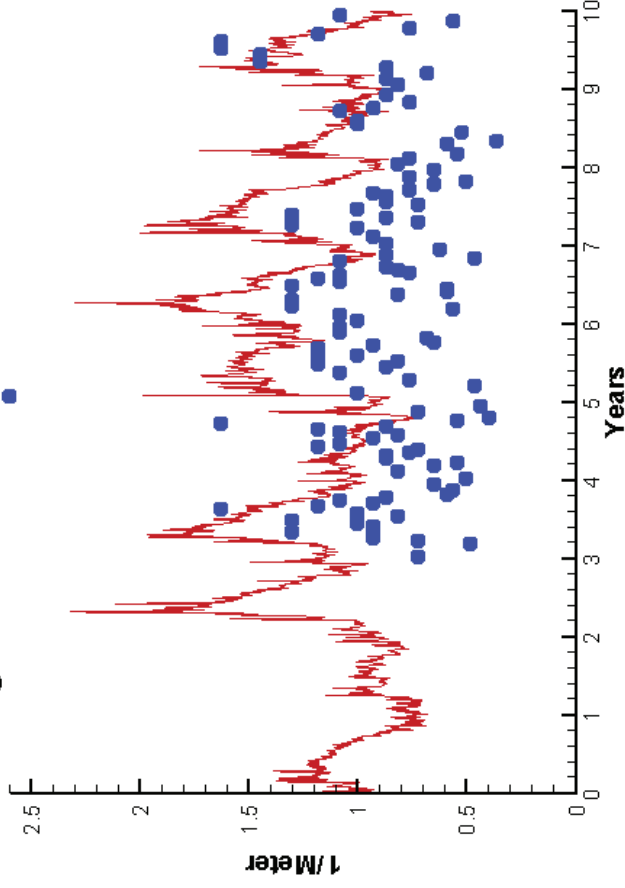
15.9930

Station EE1.1

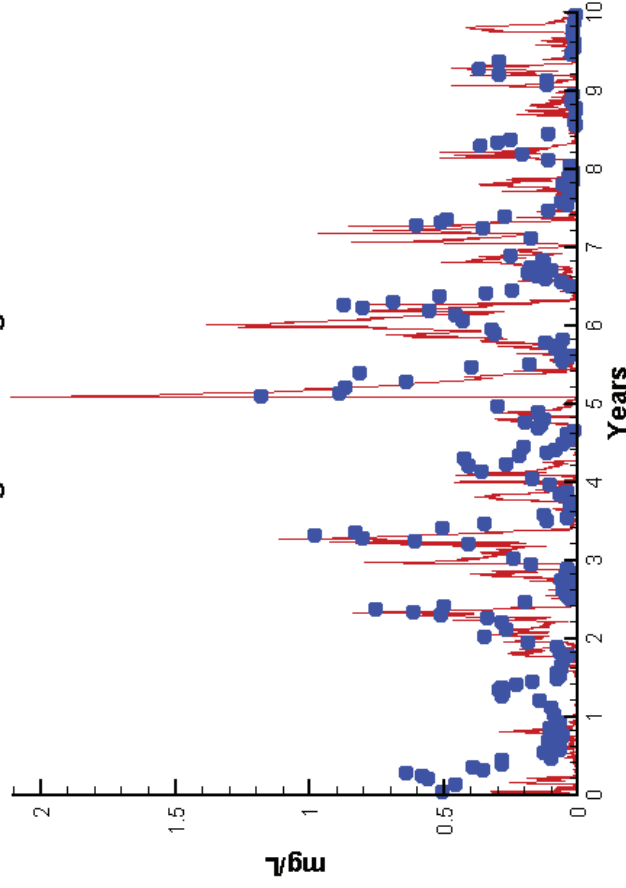
Run184 1991-2000
Chlorophyll EE1.1 Surface



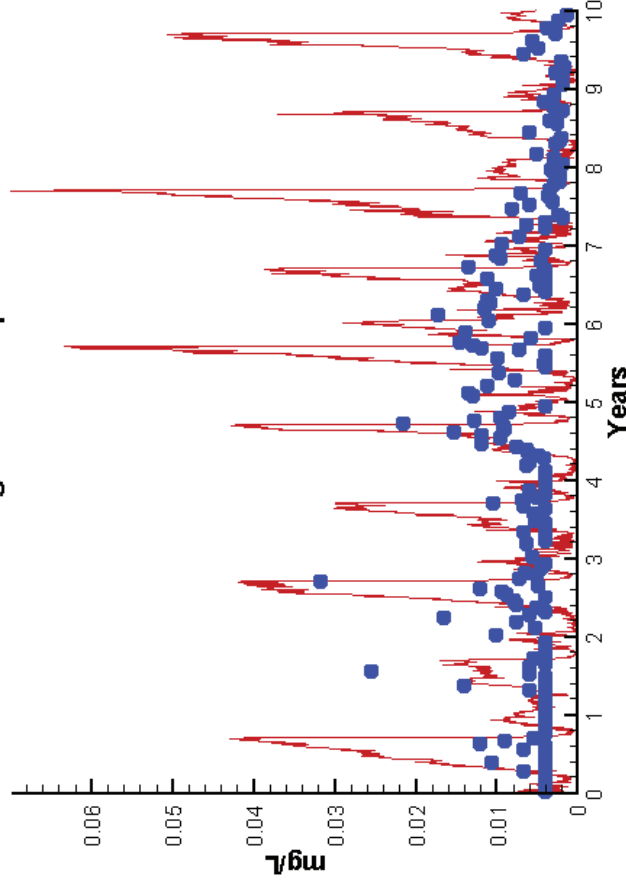
Run184 1991-2000
Light Extinction EE1.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen EE1.1 Surface

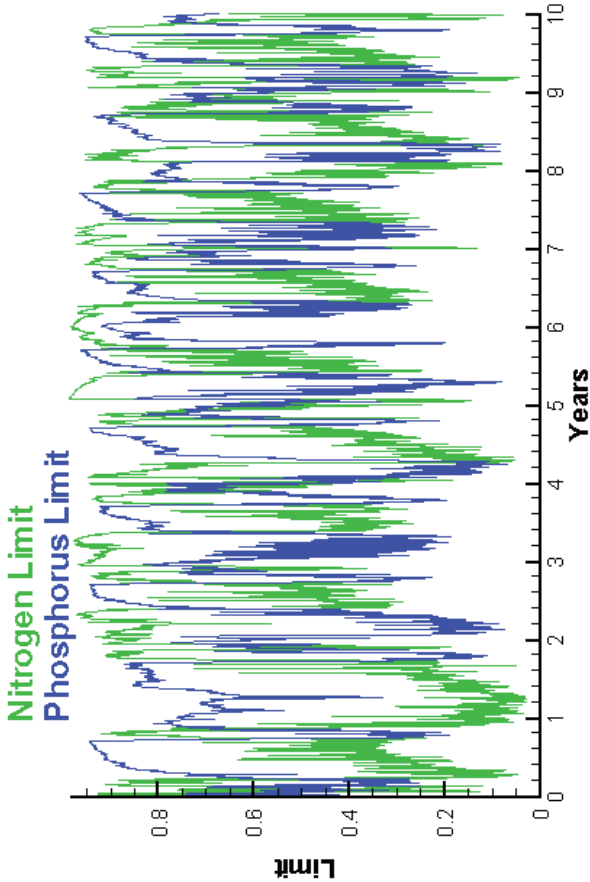


Run184 1991-2000
Dissolved Inorganic Phosphorus EE1.1 Surface

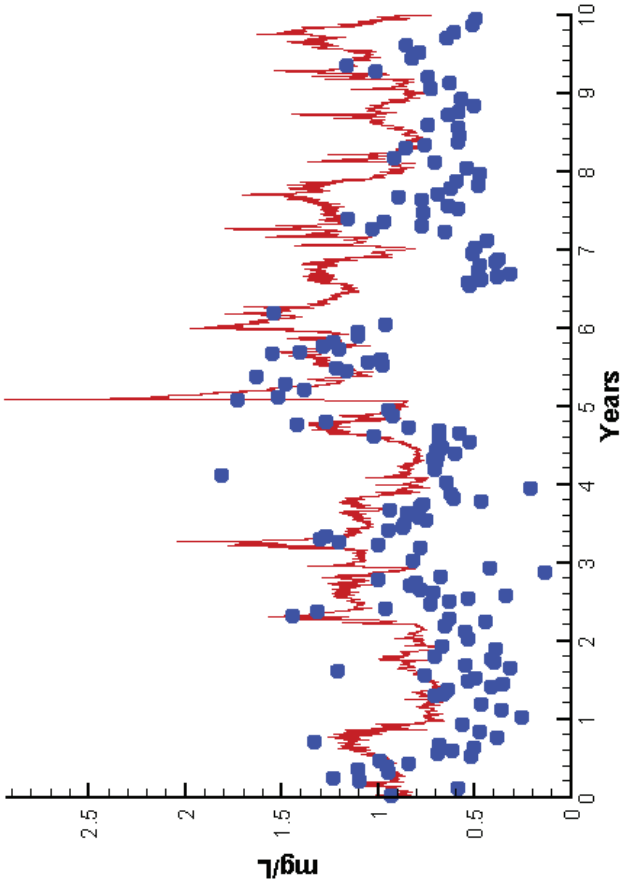


Station EE1.1

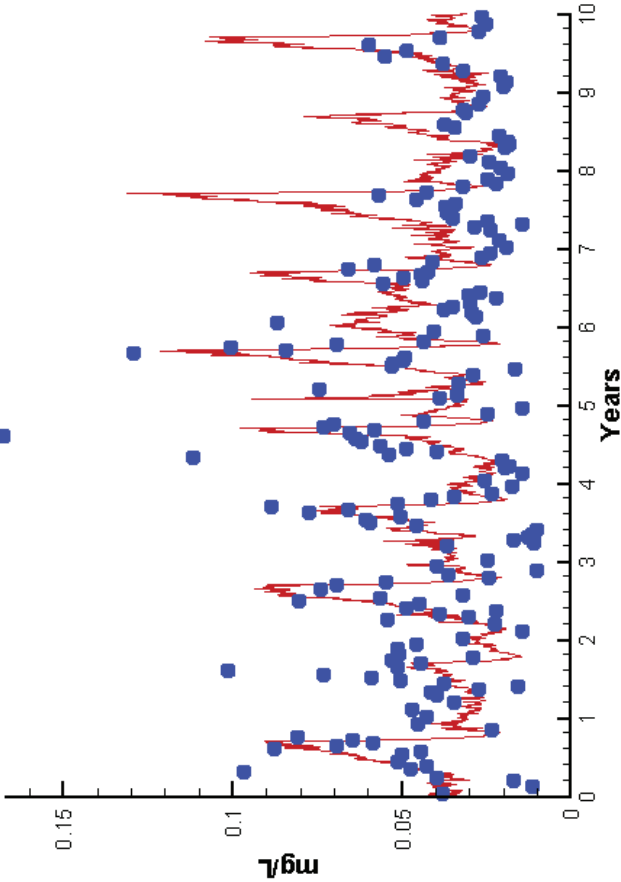
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen EE1.1 Surface



Run184 1991-2000
Total Phosphorus EE1.1 Surface



Mean Difference

Absolute Mean Difference

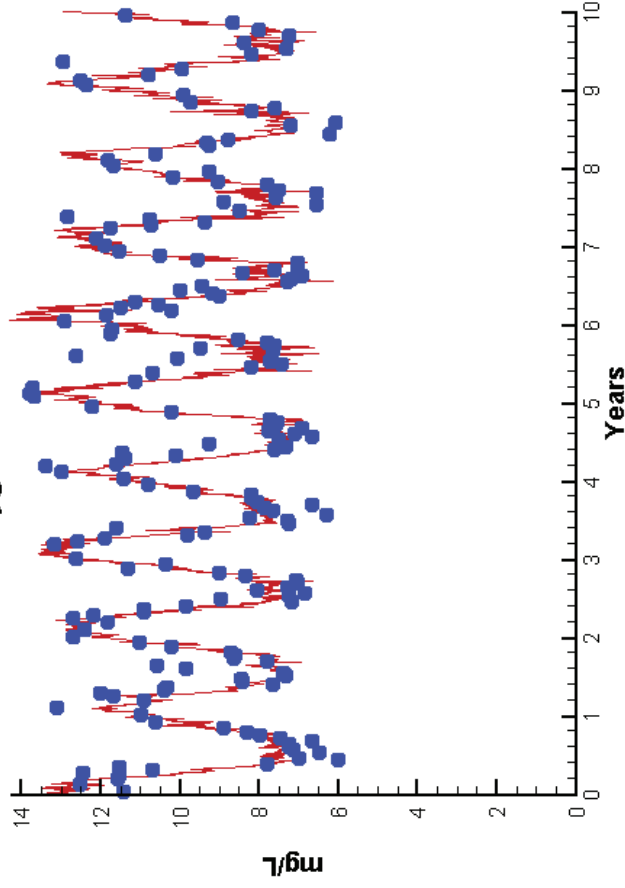
Chl
DIN
KE
DIP
TP
TN

3.4325
-0.0725
0.3739
0.0054
0.0038
0.3082

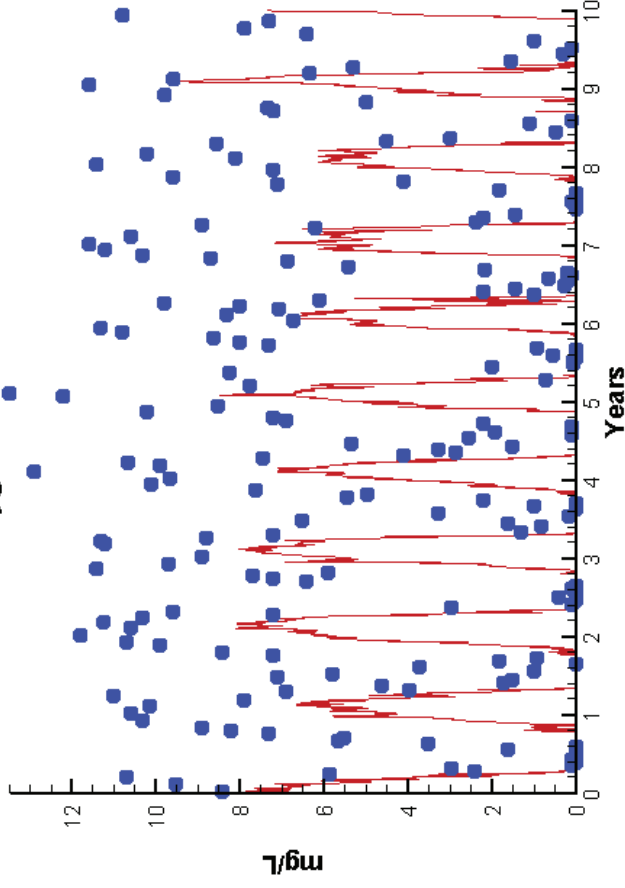
6.2705
0.1531
0.4357
0.0094
0.0189
0.3585

Station EE1.1

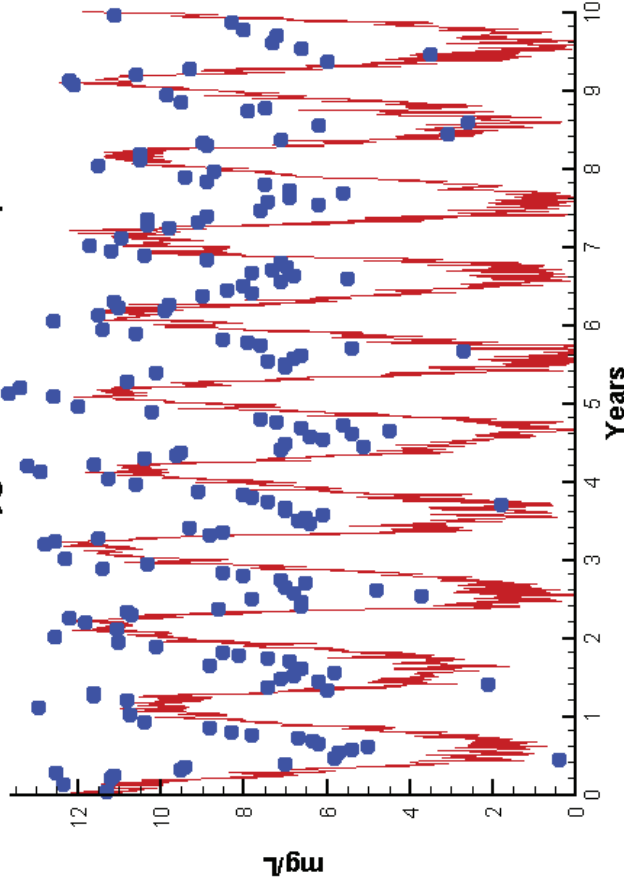
Run184 1991-2000
Dissolved Oxygen EE1.1 Surface



Run184 1991-2000
Dissolved Oxygen EE1.1 Bottom



Run184 1991-2000
Dissolved Oxygen EE1.1 Mid-Depth



Mean Difference

Absolute Mean Difference

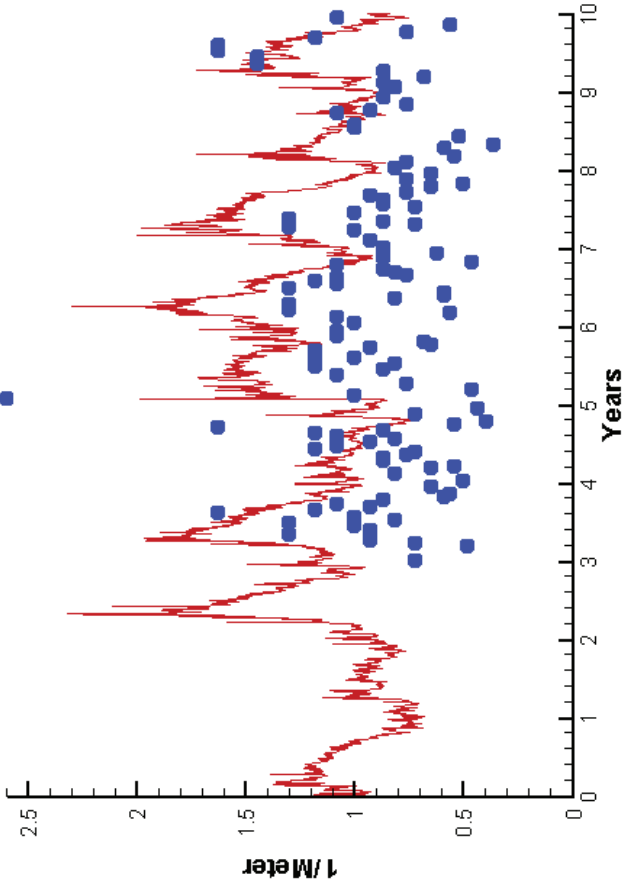
Top DO
Mid DO
Bot DO

-0.1623
-3.4862
-3.7624

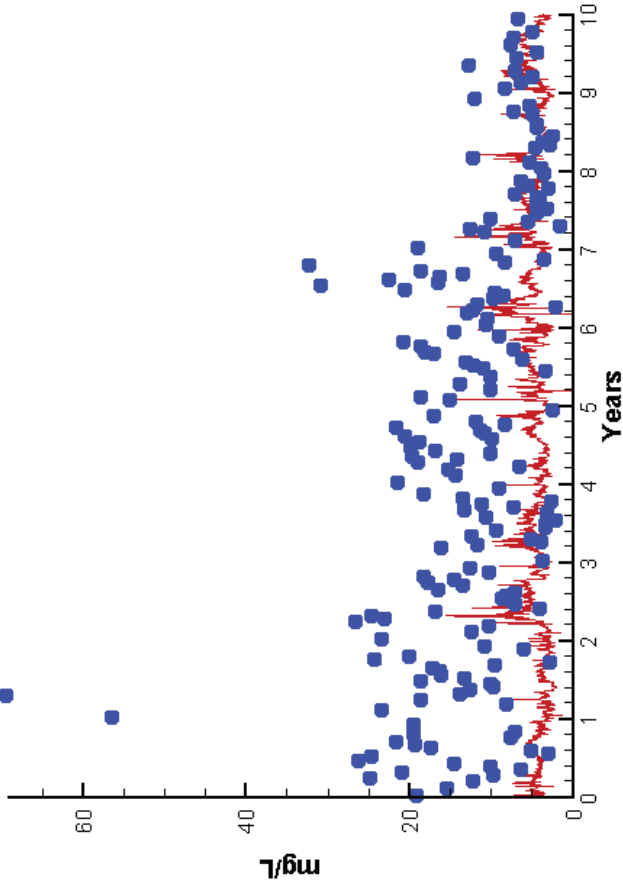
0.8402
3.5344
3.7868

Station EE1.1

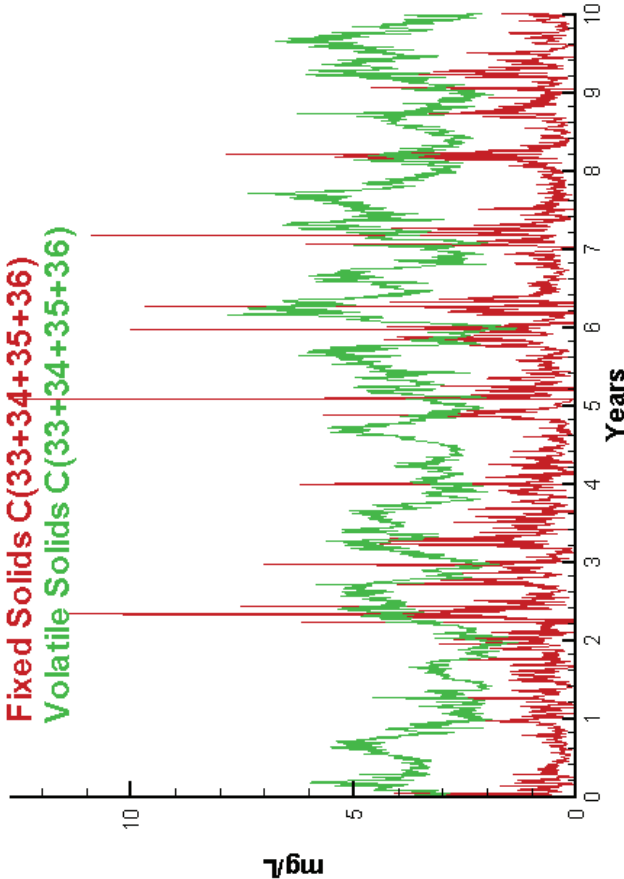
Run184 1991-2000
Light Extinction EE1.1 Surface



Run184 1991-2000
Total Solids EE1.1 Surface



Run184 1991-2000
Solids Surface



Mean Difference

0.3739
-7.6140

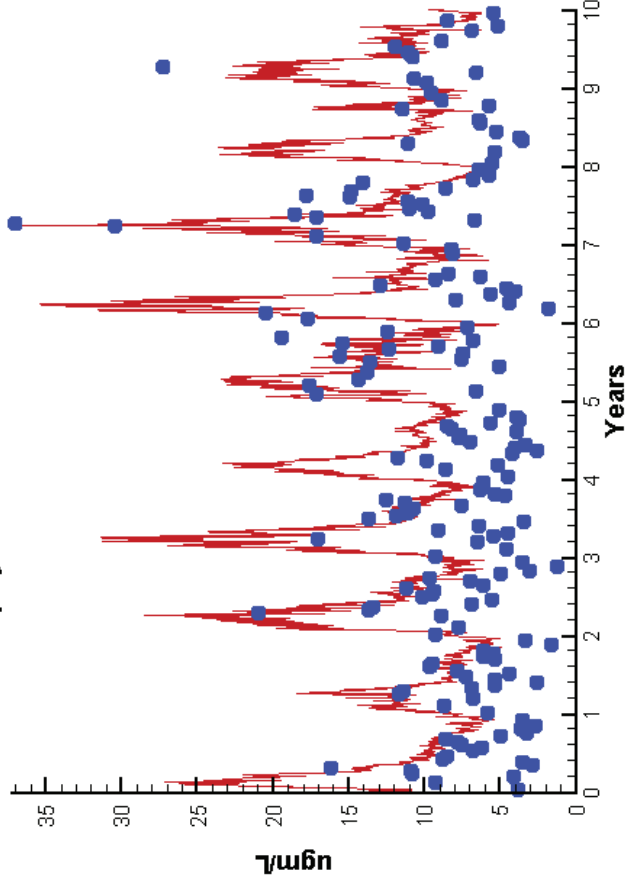
Absolute Mean Difference

0.4357
8.1611

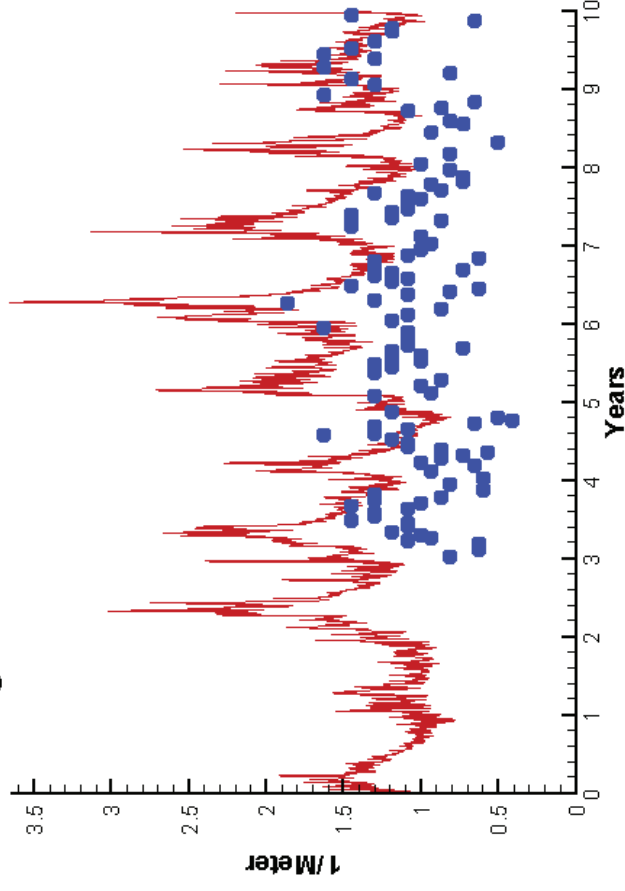
KE
TSS

Station EE2.1

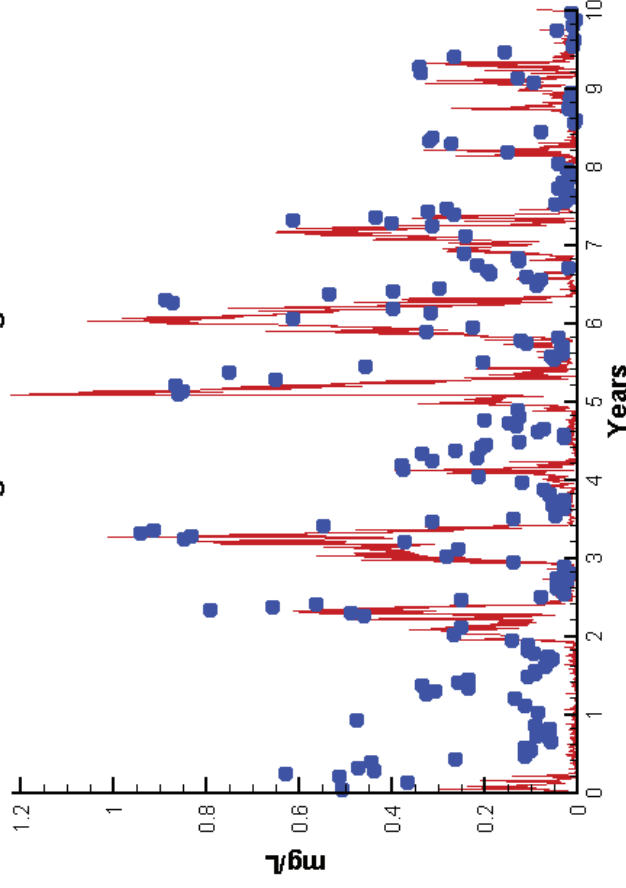
Run184 1991-2000
Chlorophyll EE2.1 Surface



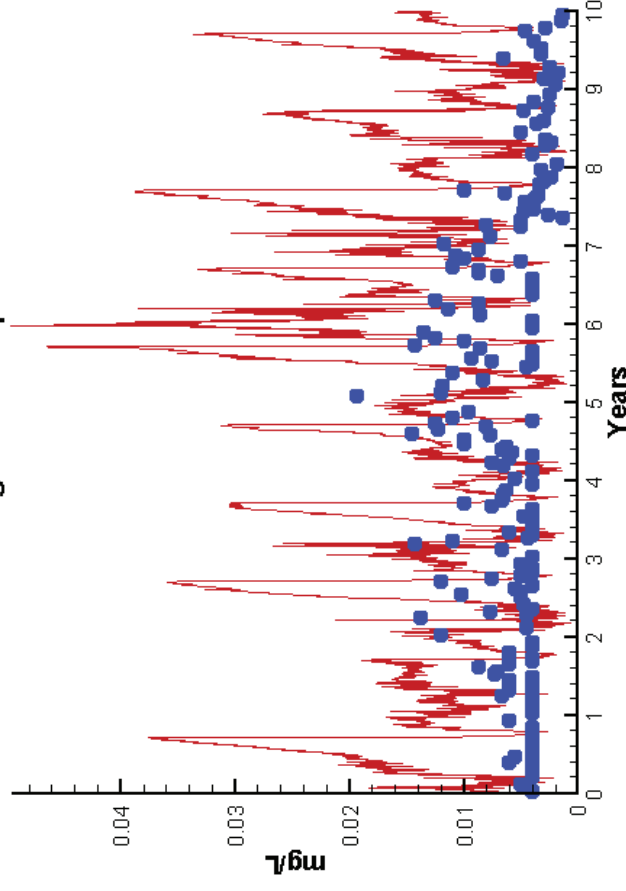
Run184 1991-2000
Light Extinction EE2.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen EE2.1 Surface

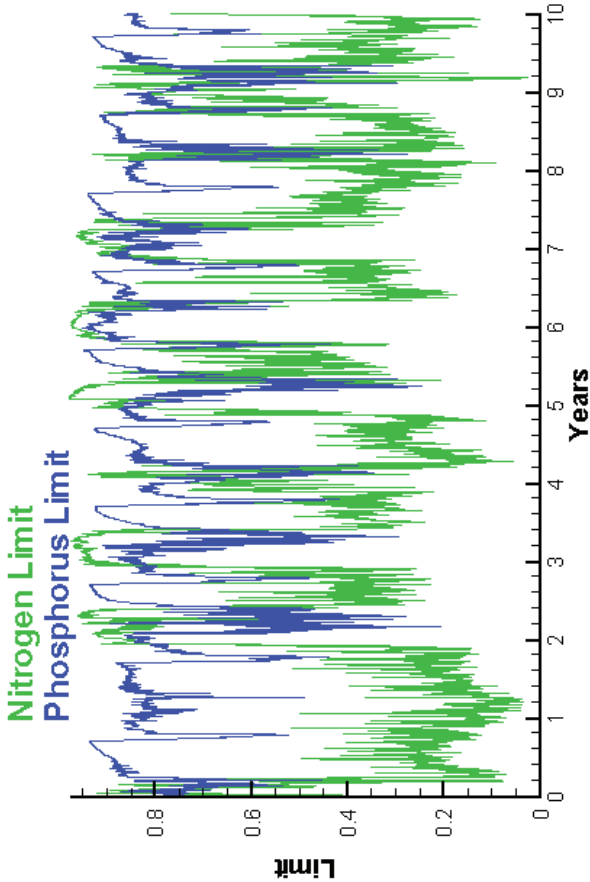


Run184 1991-2000
Dissolved Inorganic Phosphorus EE2.1 Surface

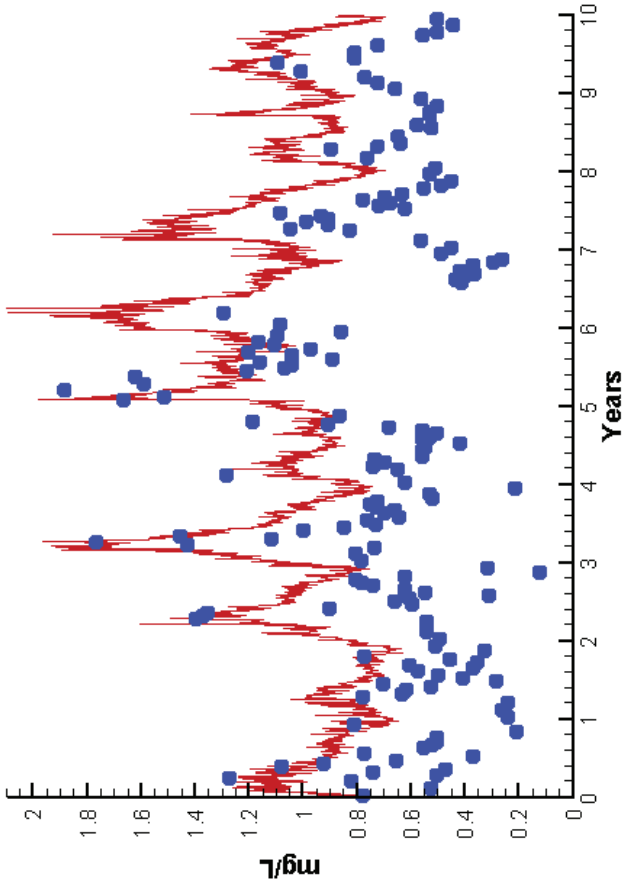


Station EE2.1

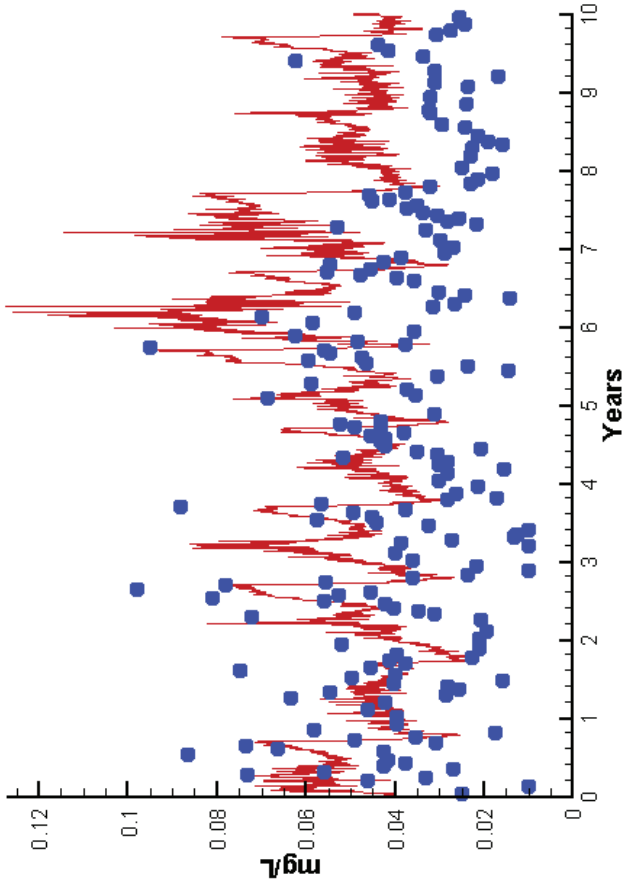
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen EE2.1 Surface



Run184 1991-2000
Total Phosphorus EE2.1 Surface



Mean Difference

Absolute Mean Difference

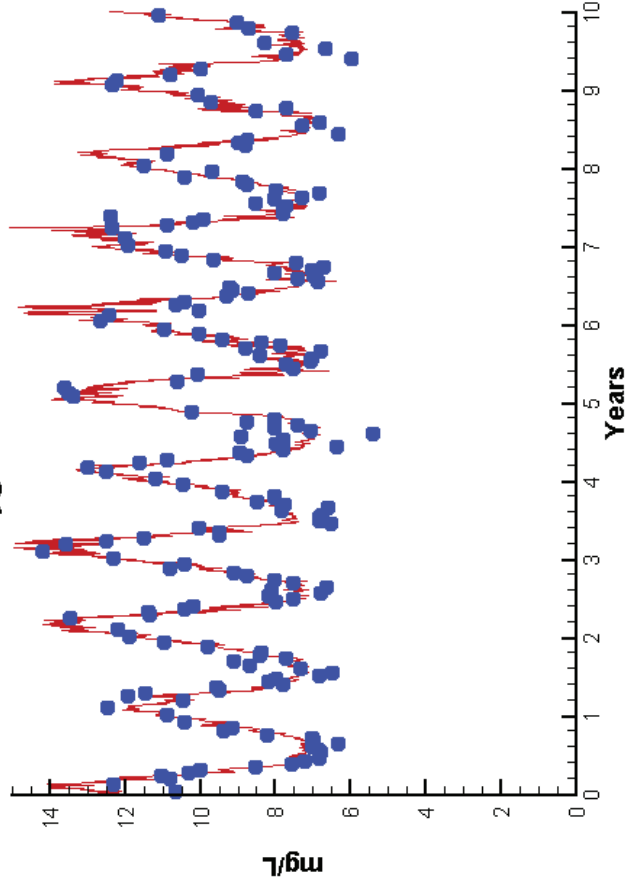
Chl
DIN
KE
DIP
TP
TN

4.0062
-0.1199
0.4956
0.0090
0.0152
0.3538

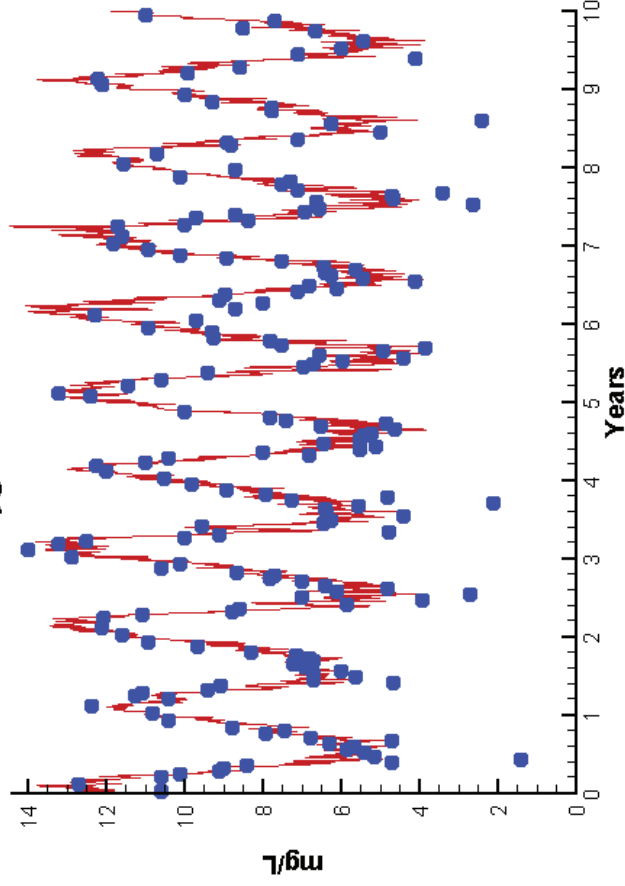
5.0022
0.1619
0.5339
0.0103
0.0206
0.3749

Station EE2.1

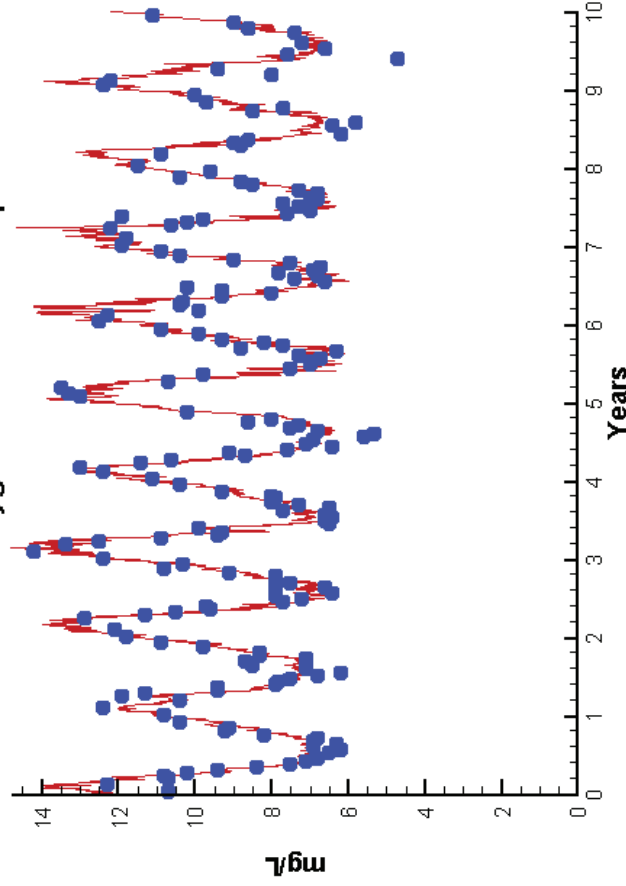
Run184 1991-2000
Dissolved Oxygen EE2.1 Surface



Run184 1991-2000
Dissolved Oxygen EE2.1 Bottom



Run184 1991-2000
Dissolved Oxygen EE2.1 Mid-Depth



Mean Difference

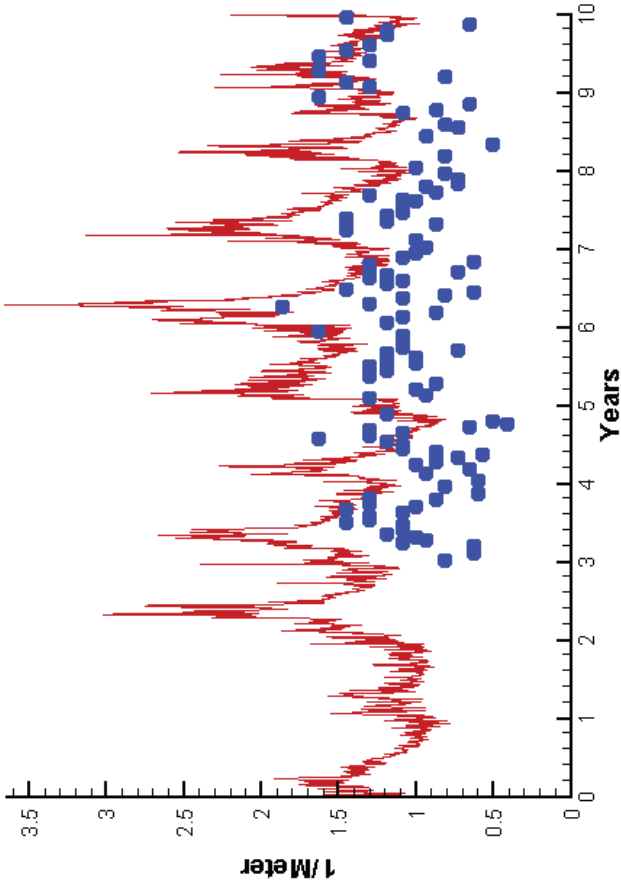
Top DO 0.0421
Mid DO -0.0125
Bot DO 0.1373

Absolute Mean Difference

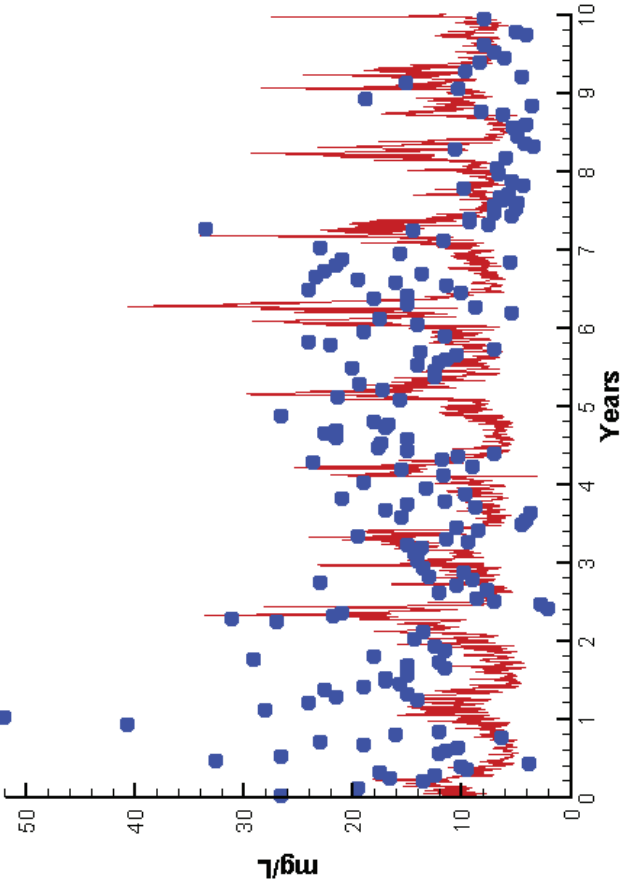
0.7232
0.6823
0.8596

Station EE2.1

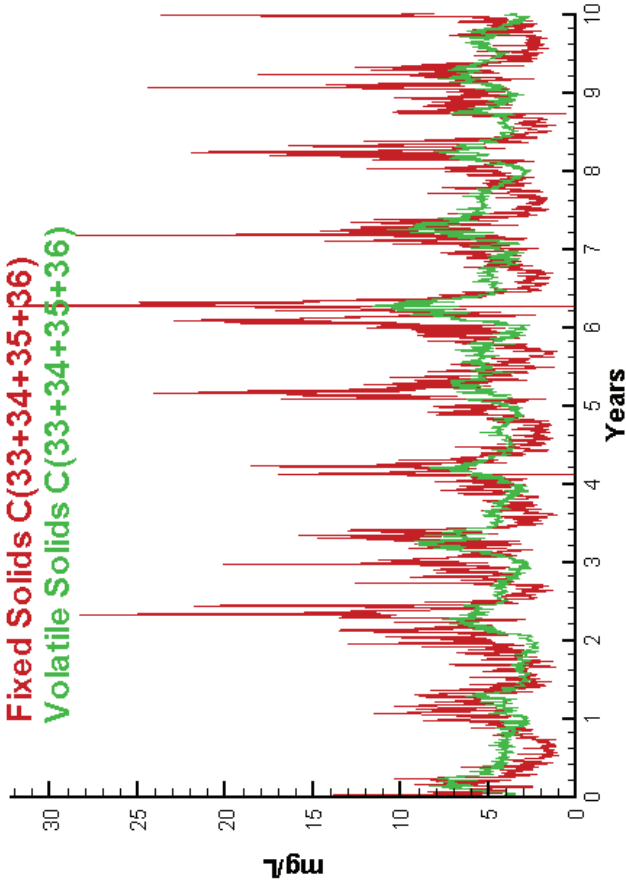
Run184 1991-2000
Light Extinction EE2.1 Surface



Run184 1991-2000
Total Solids EE2.1 Surface



Run184 1991-2000
Solids Surface



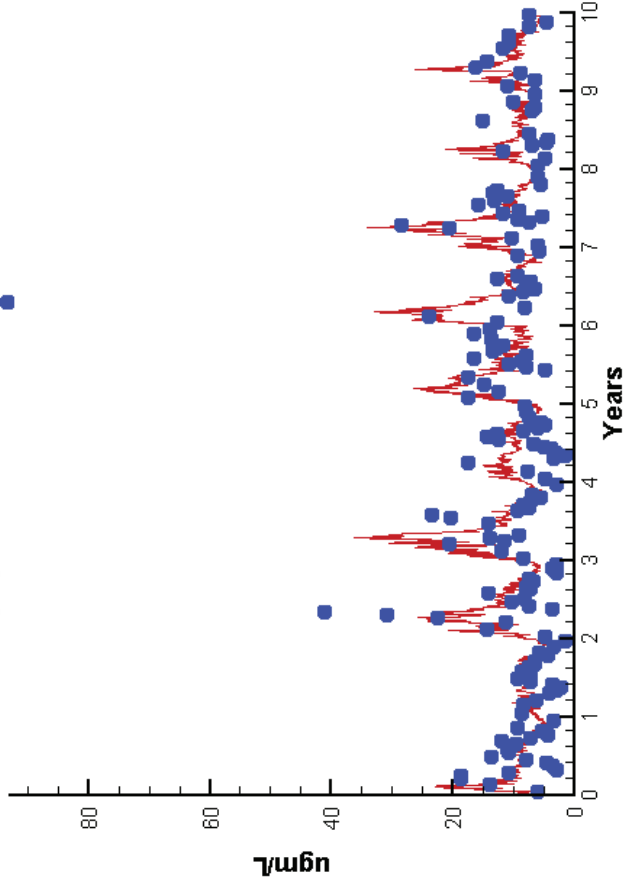
Mean Difference Absolute Mean Difference

KE 0.4956
TSS -3.9003

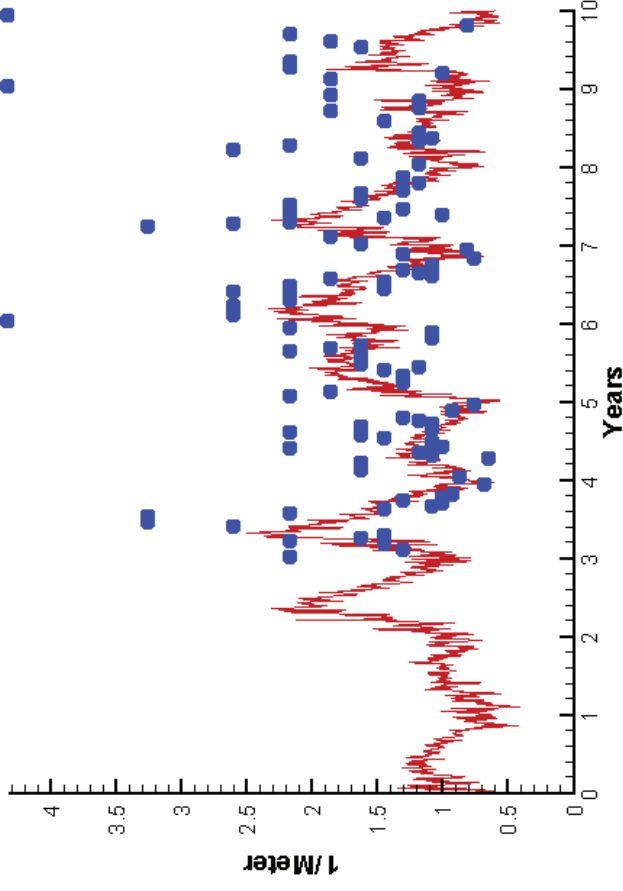
0.5339
7.0727

Station EE3.1

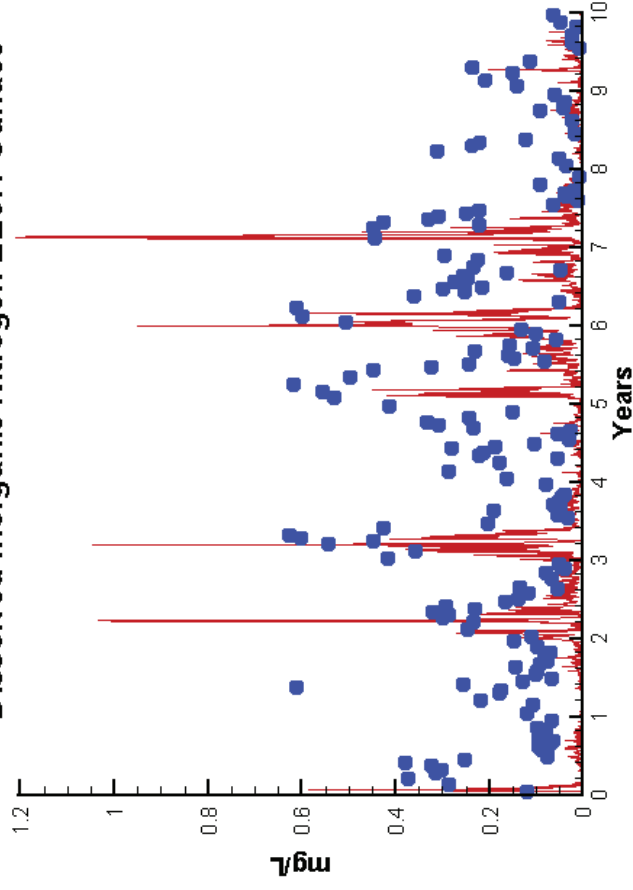
Run184 1991-2000
Chlorophyll EE3.1 Surface



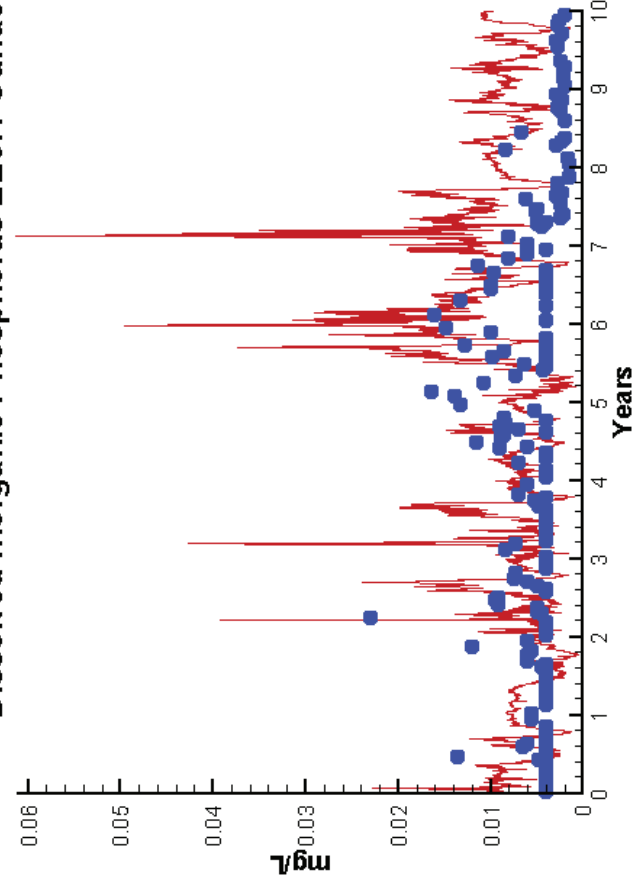
Run184 1991-2000
Light Extinction EE3.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen EE3.1 Surface

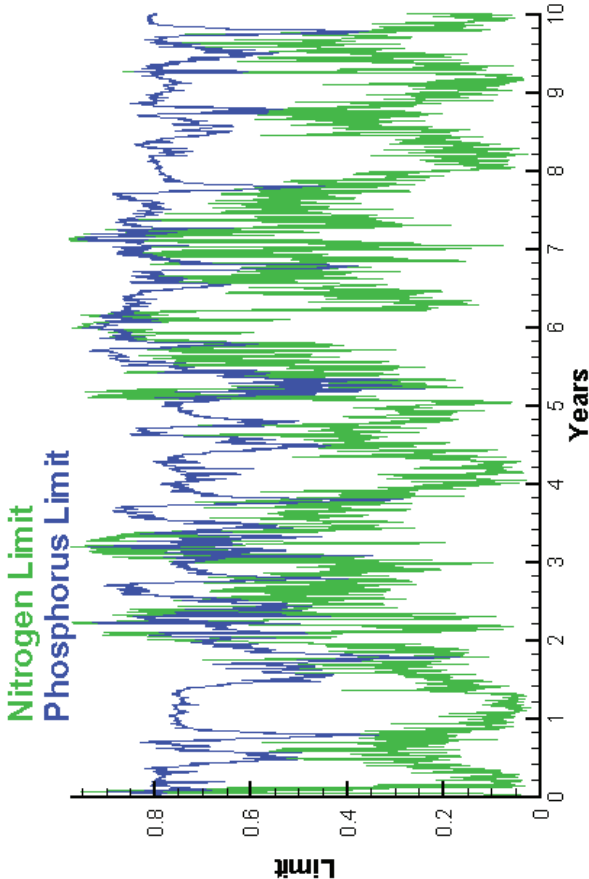


Run184 1991-2000
Dissolved Inorganic Phosphorus EE3.1 Surface

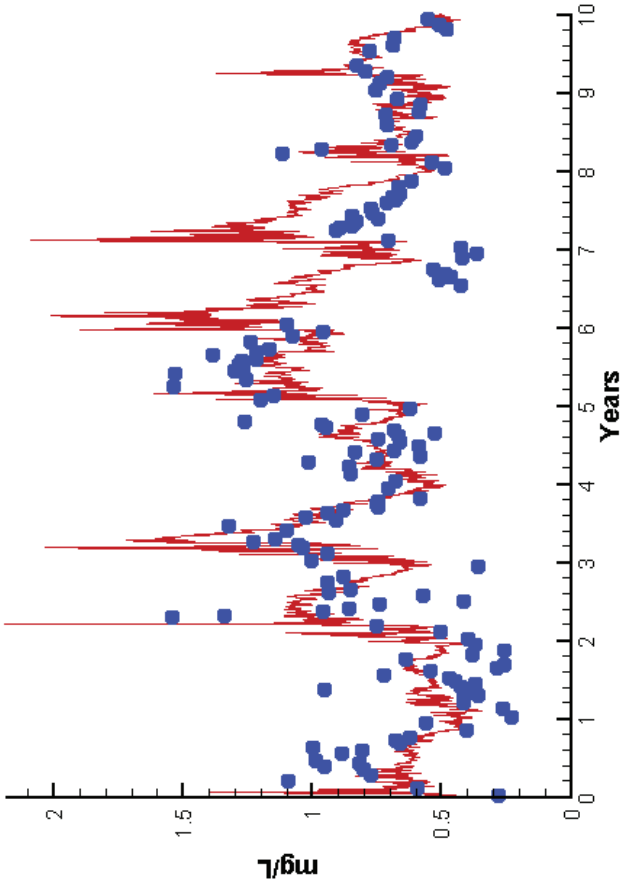


Station EE3.1

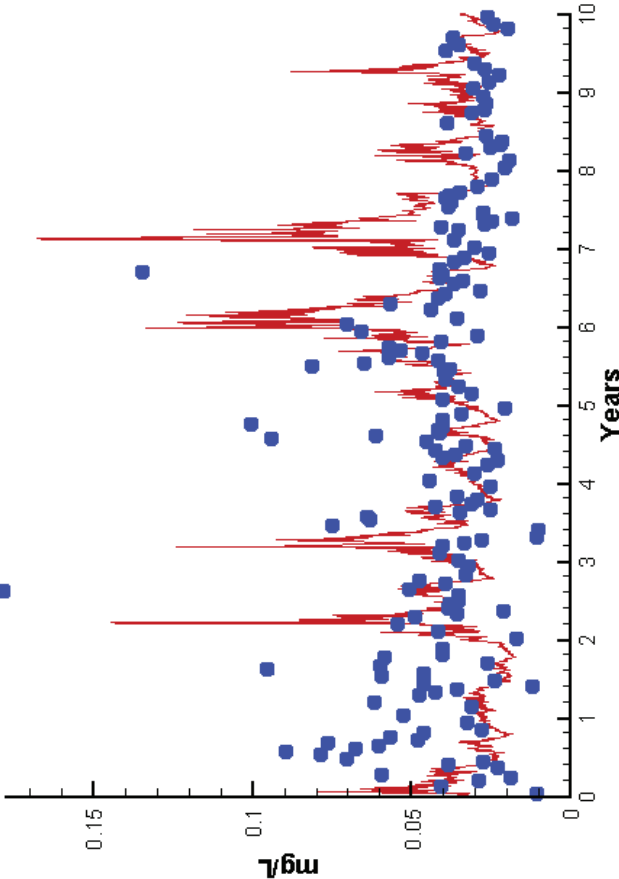
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen EE3.1 Surface



Run184 1991-2000
Total Phosphorus EE3.1 Surface



Mean Difference

Absolute Mean Difference

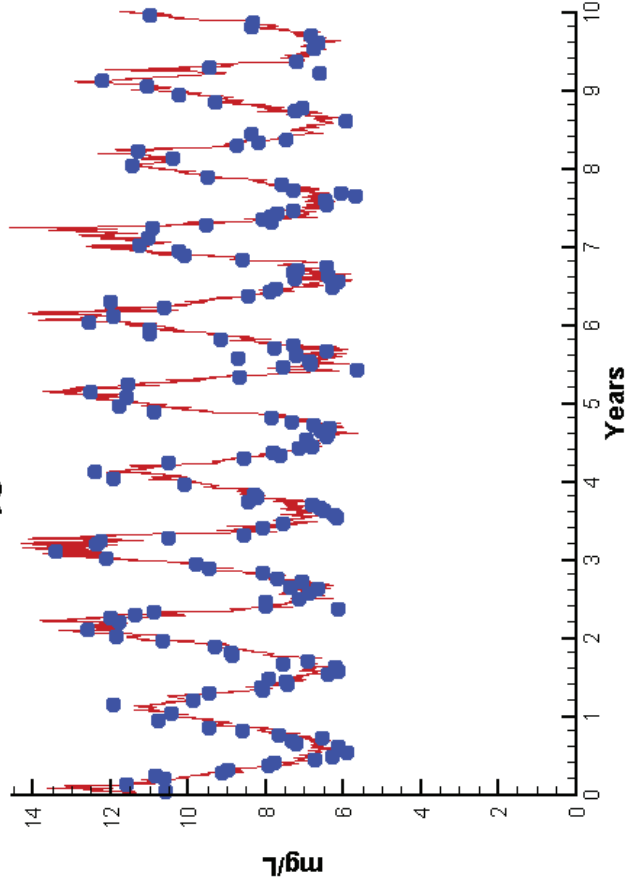
Chl
DIN
KE
DIP
TP
TN

0.9842
-0.1505
-0.2707
0.0031
-0.0010
0.0551

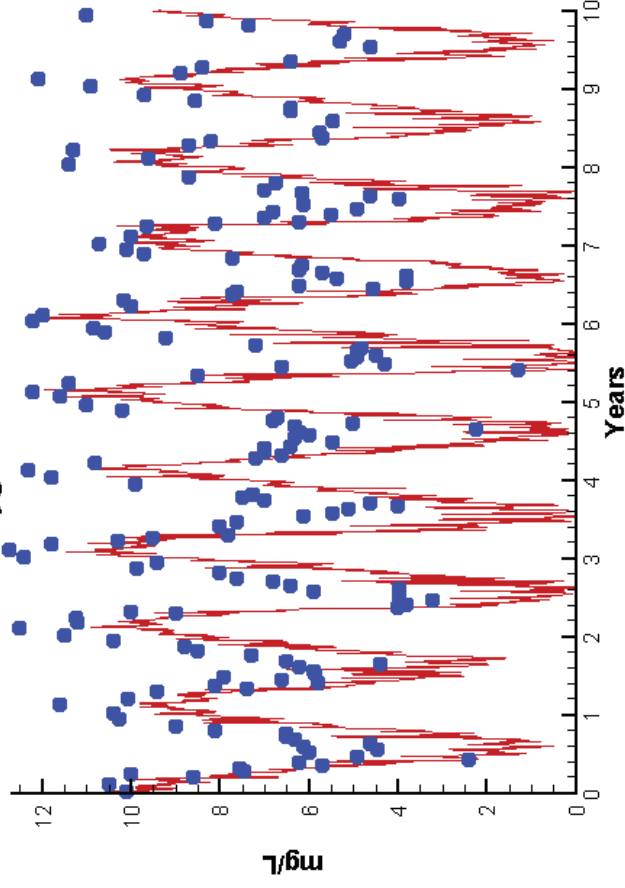
4.4934
0.1617
0.4934
0.0053
0.0188
0.2118

Station EE3.1

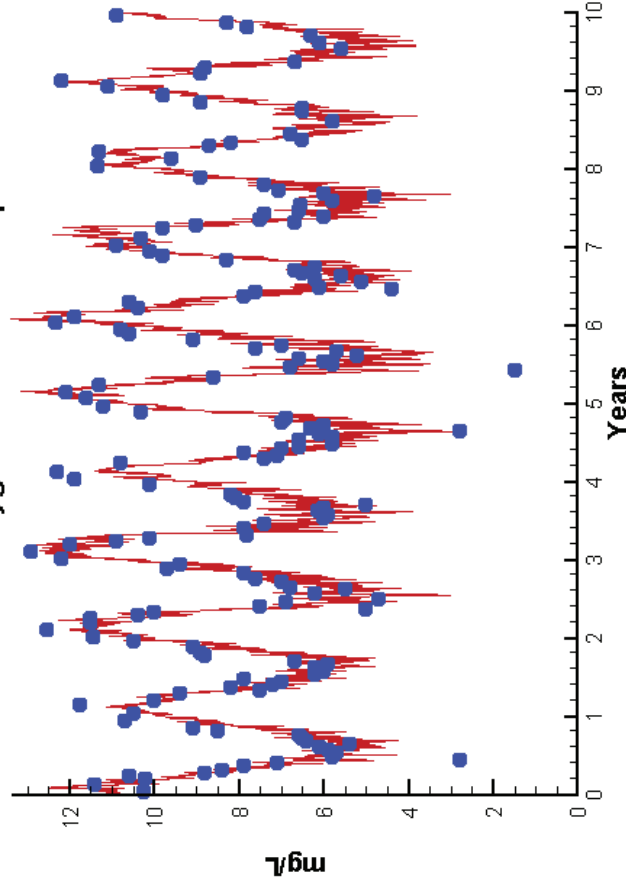
Run184 1991-2000
Dissolved Oxygen EE3.1 Surface



Run184 1991-2000
Dissolved Oxygen EE3.1 Bottom



Run184 1991-2000
Dissolved Oxygen EE3.1 Mid-Depth



Mean Difference

Absolute Mean Difference

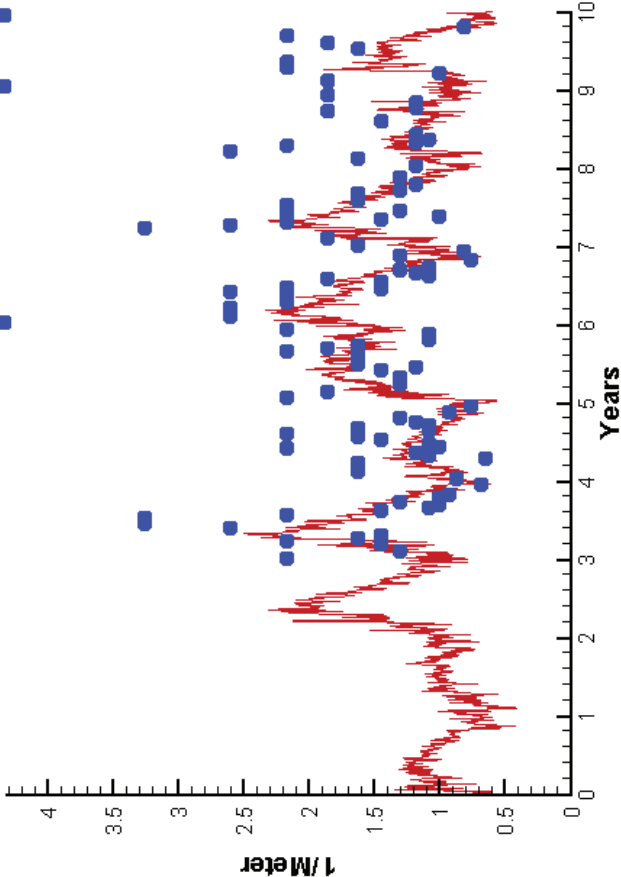
Top DO
Mid DO
Bot DO

-0.0075
-0.4481
-2.8402

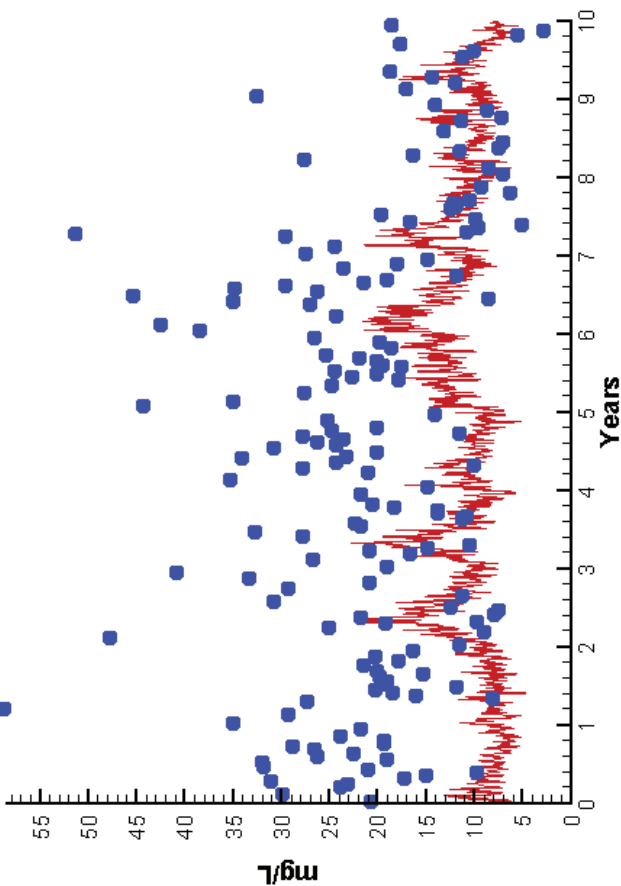
0.5487
0.8486
2.8431

Station EE3.1

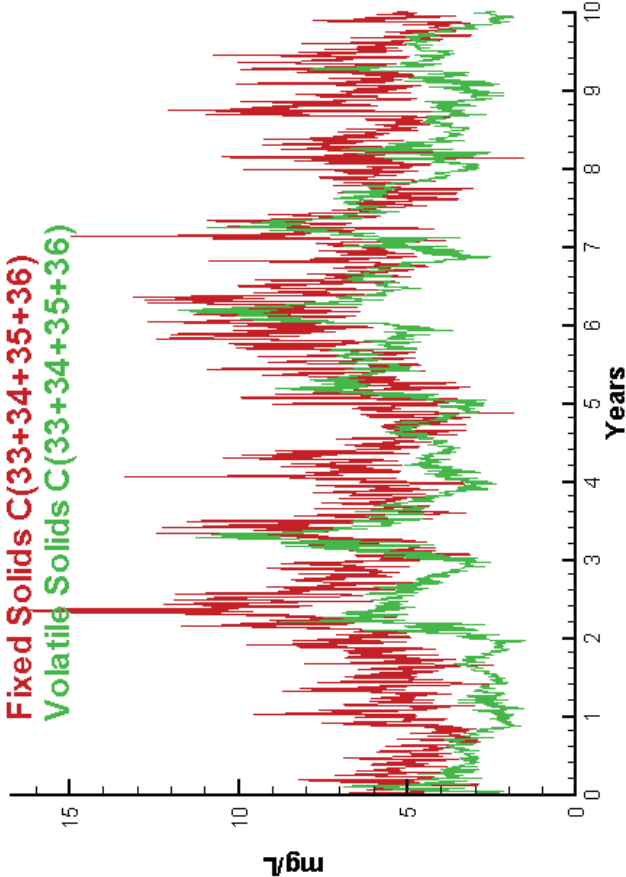
Run184 1991-2000
Light Extinction EE3.1 Surface



Run184 1991-2000
Total Solids EE3.1 Surface



Run184 1991-2000
Solids Surface



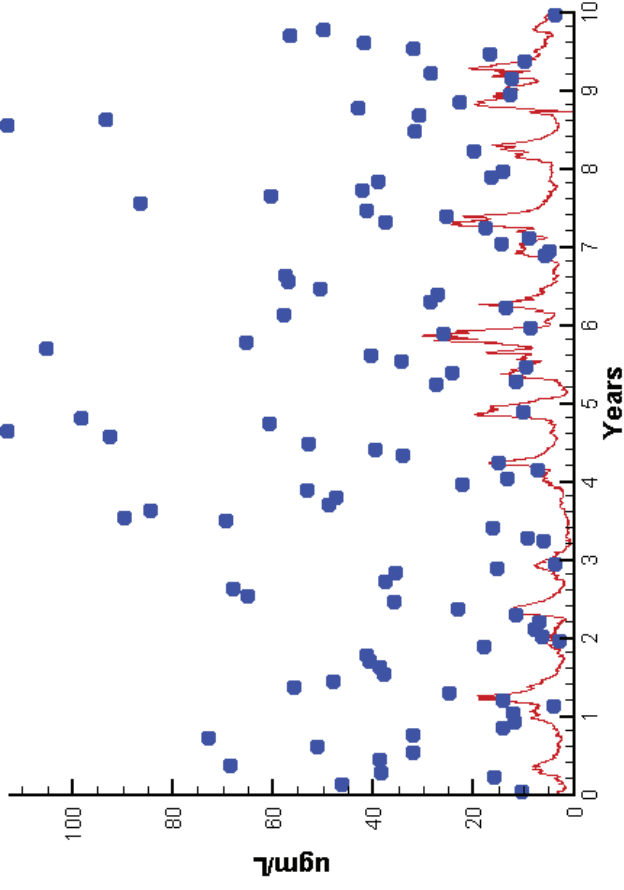
Mean Difference Absolute Mean Difference

KE 0.4934
TSS 10.9653

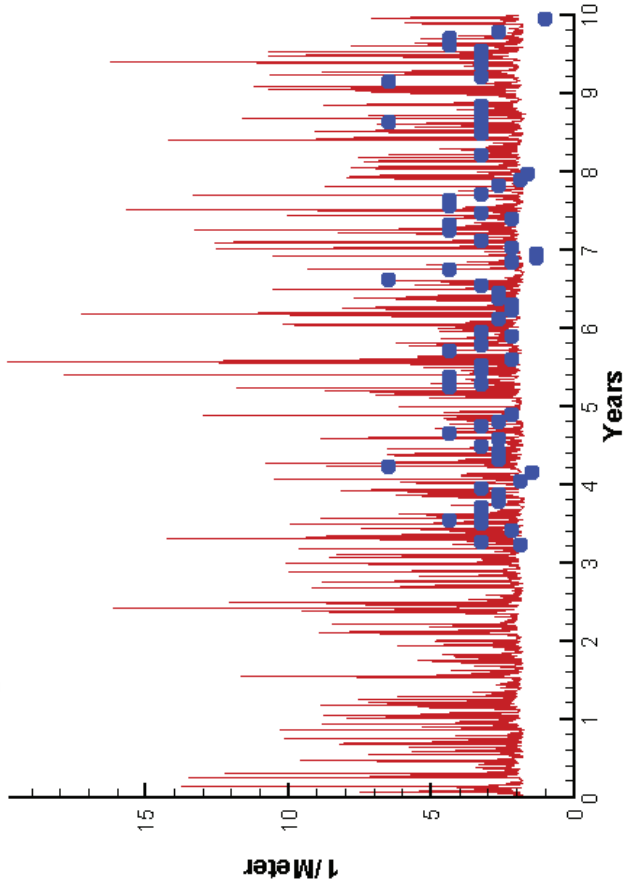
-0.2707
-9.6921

Station ET1.1

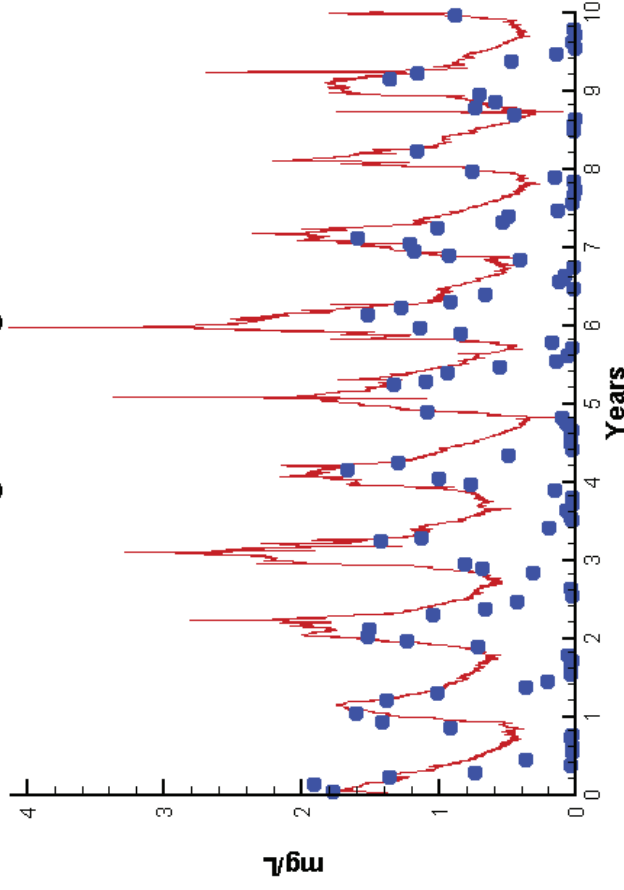
Run184 1991-2000
Chlorophyll ET1.1 Surface



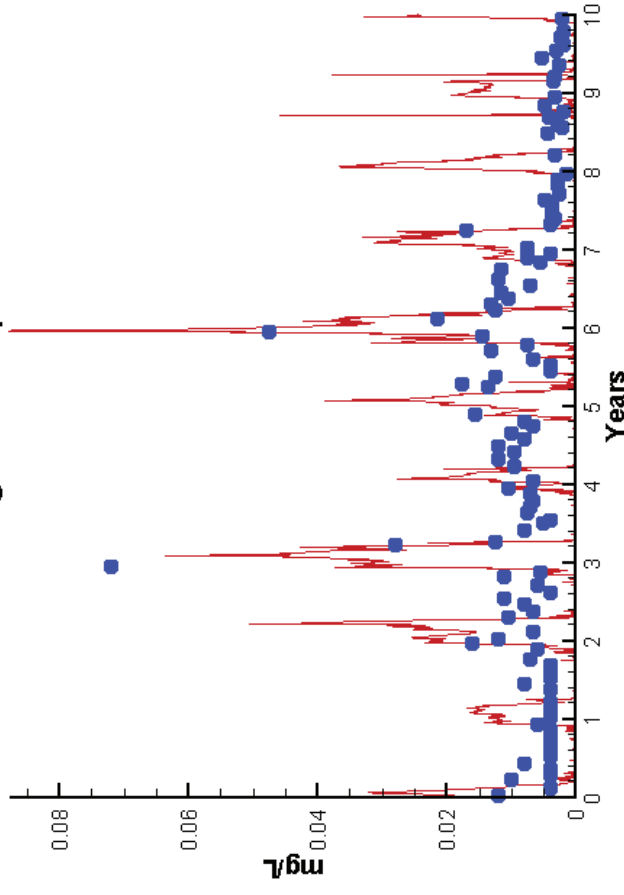
Run184 1991-2000
Light Extinction ET1.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen ET1.1 Surface

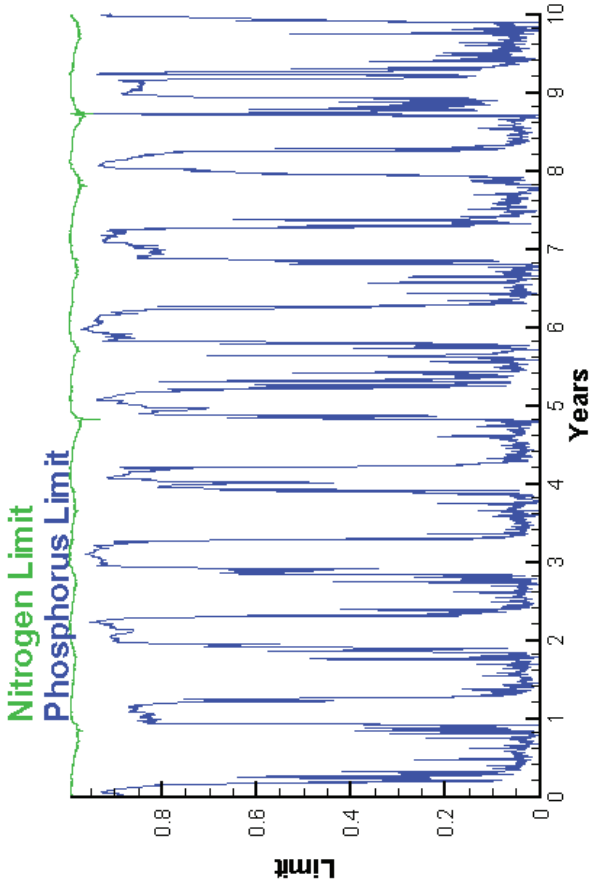


Run184 1991-2000
Dissolved Inorganic Phosphorus ET1.1 Surface

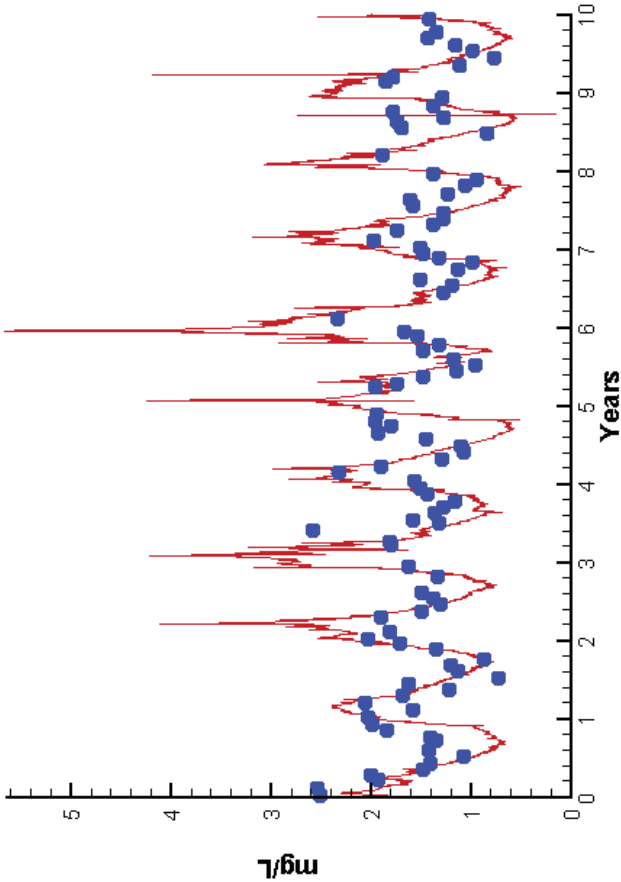


Station ET1.1

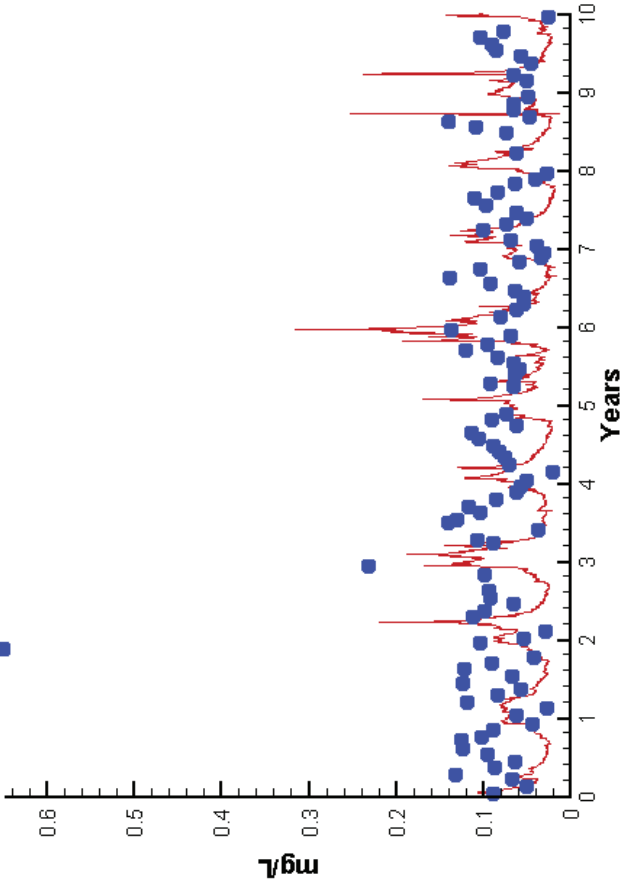
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen ET1.1 Surface



Run184 1991-2000
Total Phosphorus ET1.1 Surface



Mean Difference

Absolute Mean Difference

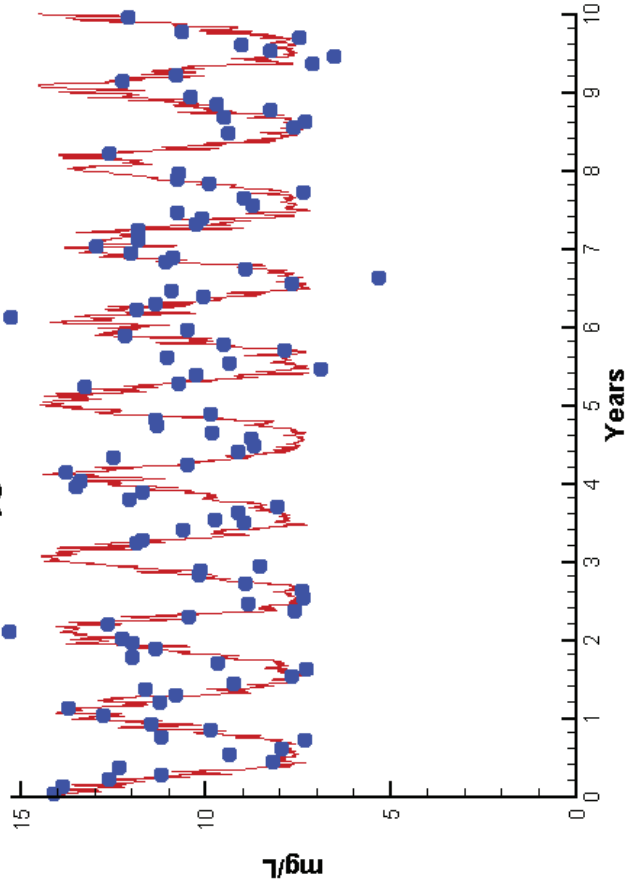
Chl
DIN
KE
DIP
TP
TN

-28.8209
0.4193
-0.3554
-0.0038
-0.0362
-0.0807

29.5712
0.4654
1.4382
0.0065
0.0489
0.4245

Station ET1.1

Run184 1991-2000
Dissolved Oxygen ET1.1 Surface



Mean Difference

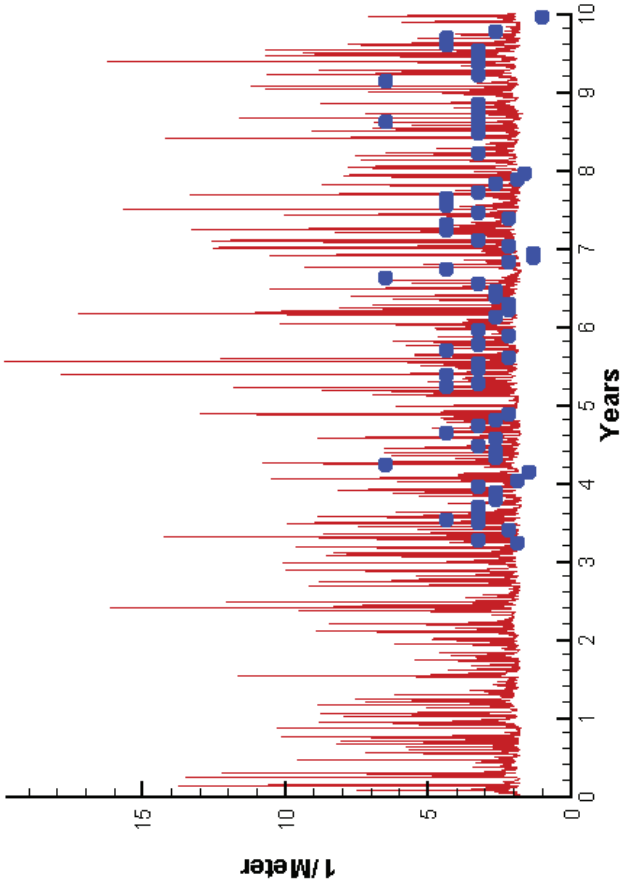
Top DO -0.4634

Absolute Mean Difference

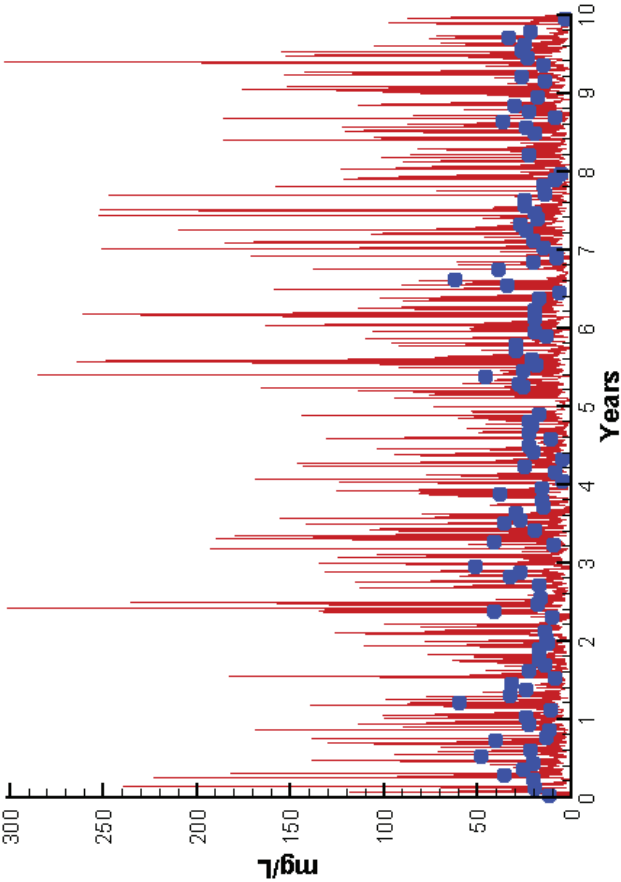
1.1258

Station ET1.1

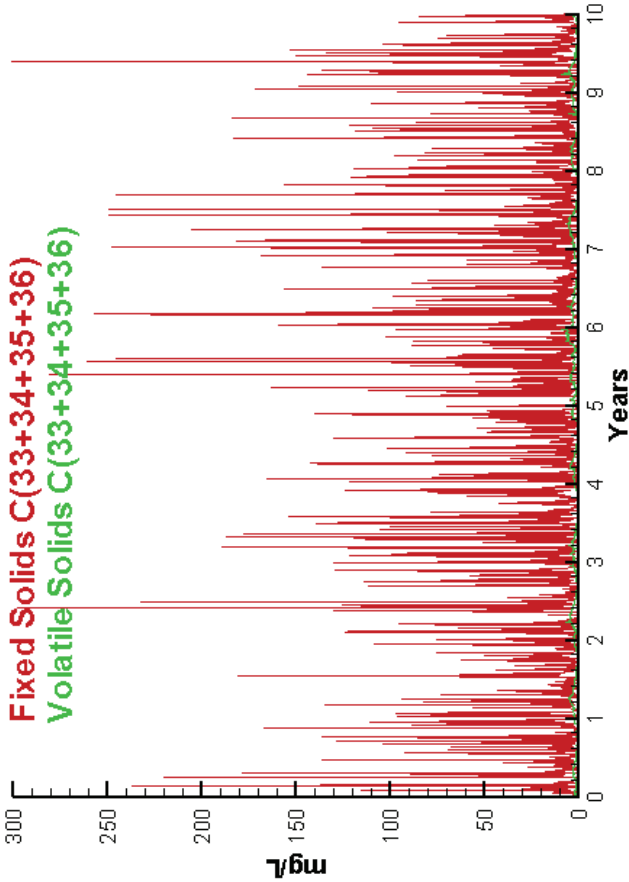
Run184 1991-2000
Light Extinction ET1.1 Surface



Run184 1991-2000
Total Solids ET1.1 Surface



Run184 1991-2000
Solids Surface



Fixed Solids C(33+34+35+36)

Volatile Solids C(33+34+35+36)

Mean Difference

Absolute Mean Difference

KE

TSS

-0.3554

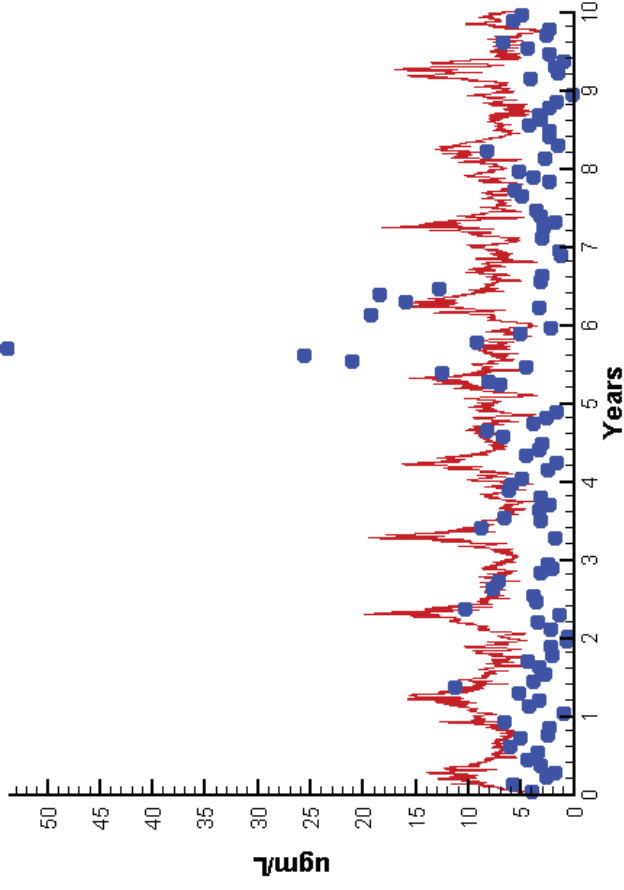
-3.0087

1.4382

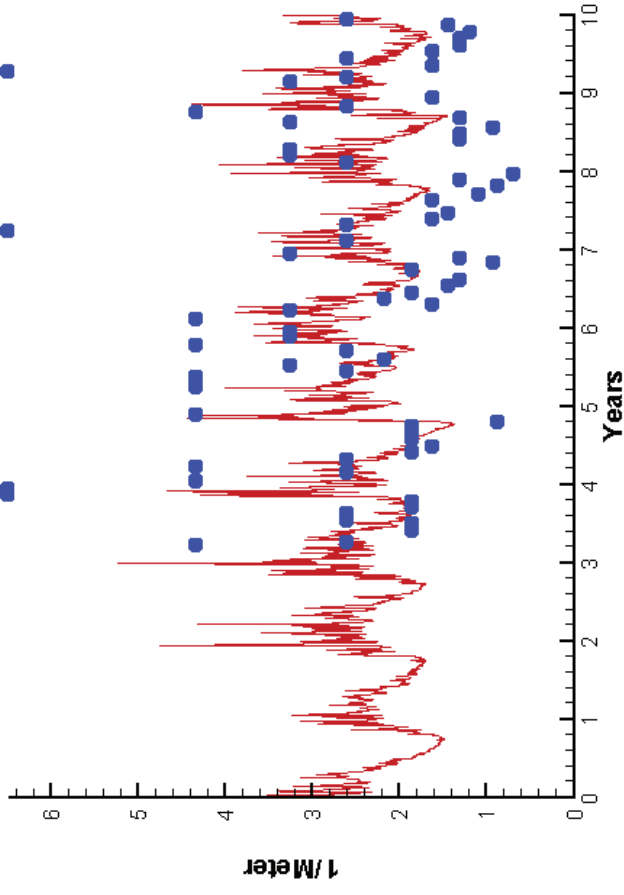
18.3859

Station ET2.3

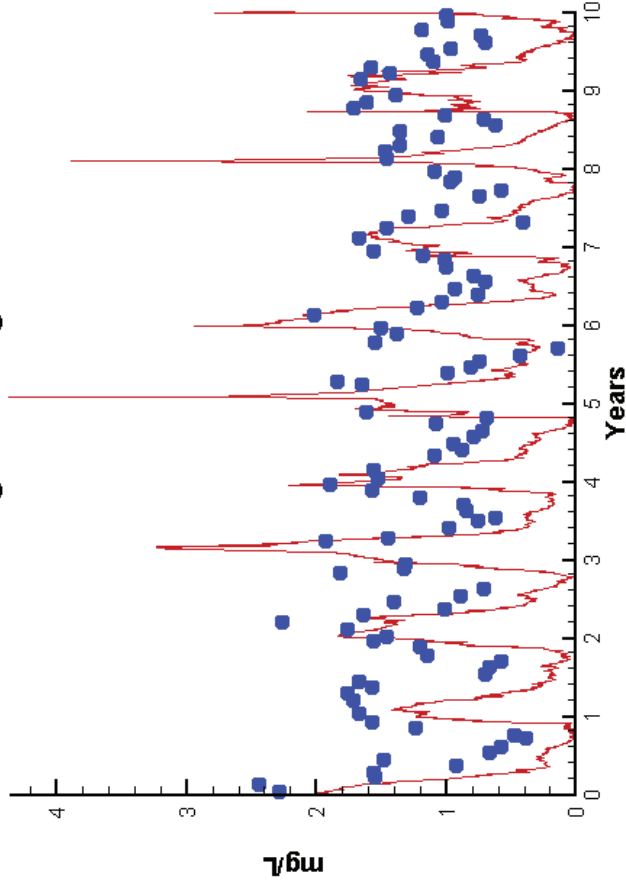
Run184 1991-2000
Chlorophyll ET2.3 Surface



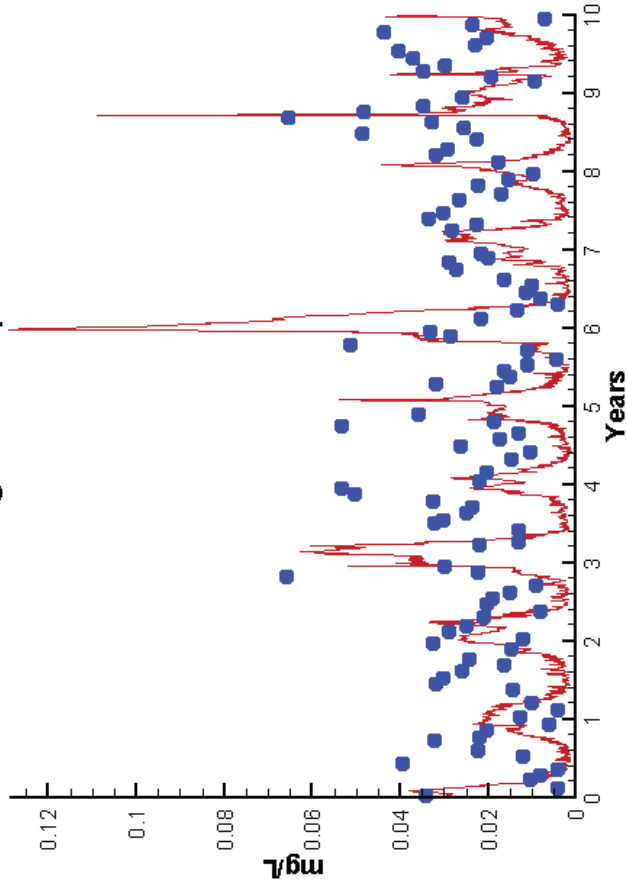
Run184 1991-2000
Light Extinction ET2.3 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen ET2.3 Surface

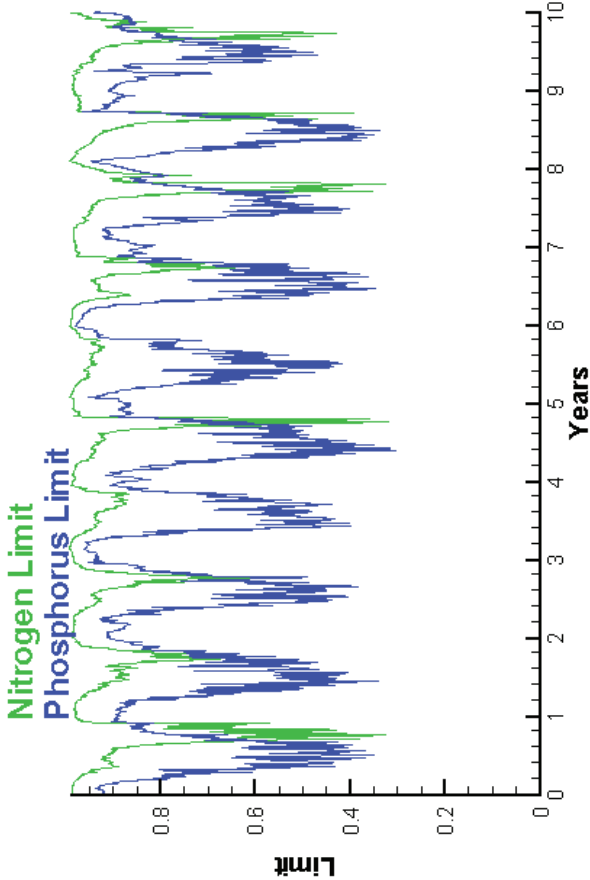


Run184 1991-2000
Dissolved Inorganic Phosphorus ET2.3 Surface

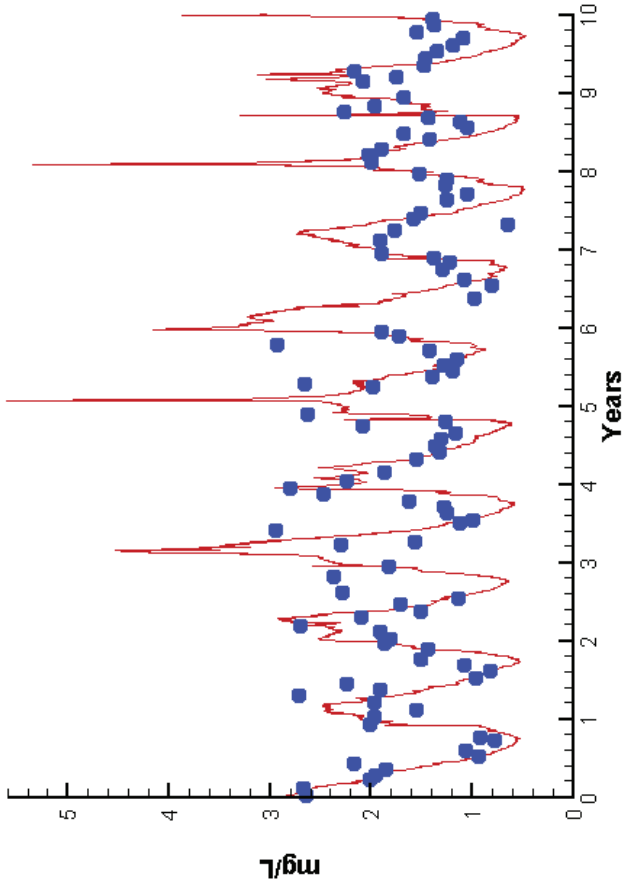


Station ET2.3

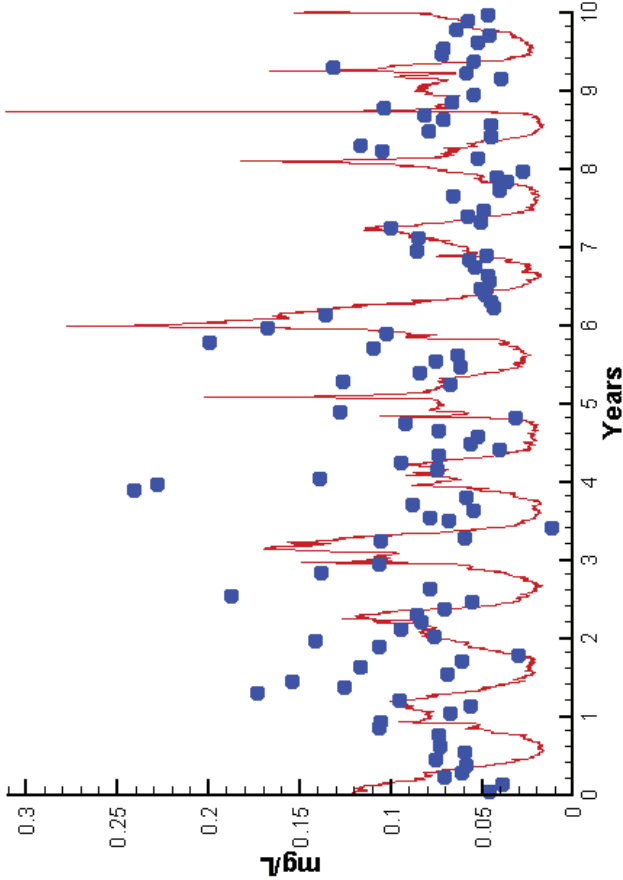
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen ET2.3 Surface



Run184 1991-2000
Total Phosphorus ET2.3 Surface



Mean Difference

Absolute Mean Difference

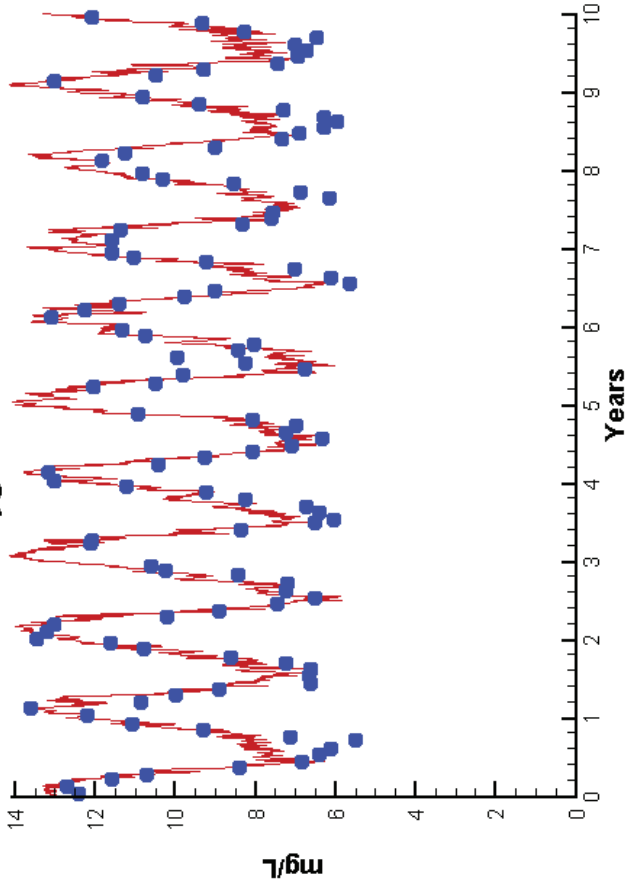
Chl
DIN
KE
DIP
TP
TN

3.3134
-0.5621
-0.2335
-0.0122
-0.0247
-0.1713

5.5947
0.5959
0.9130
0.0165
0.0400
0.4661

Station ET2.3

Run184 1991-2000
Dissolved Oxygen ET2.3 Surface



Mean Difference

Top DO 0.6840

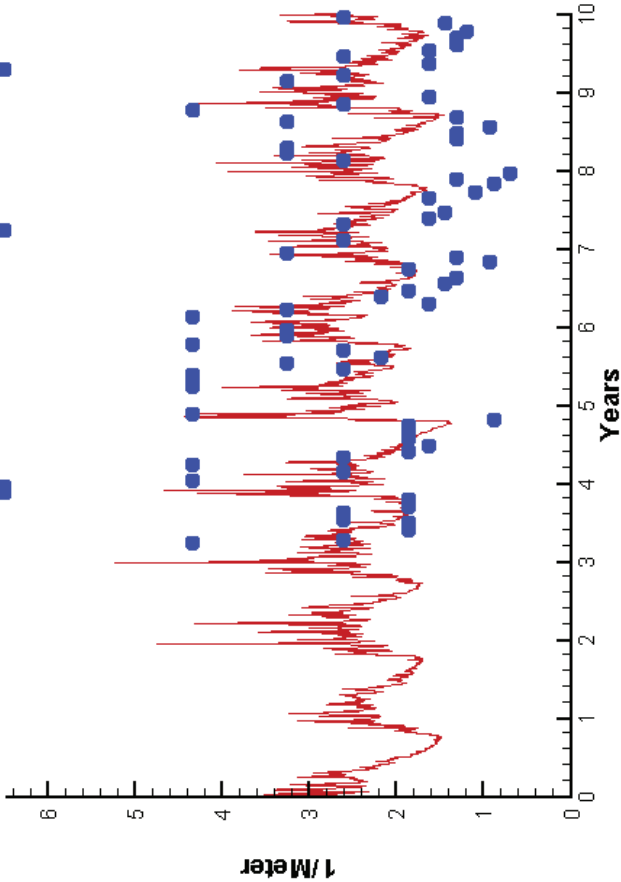
Absolute Mean Difference

0.9077

Station ET2.3

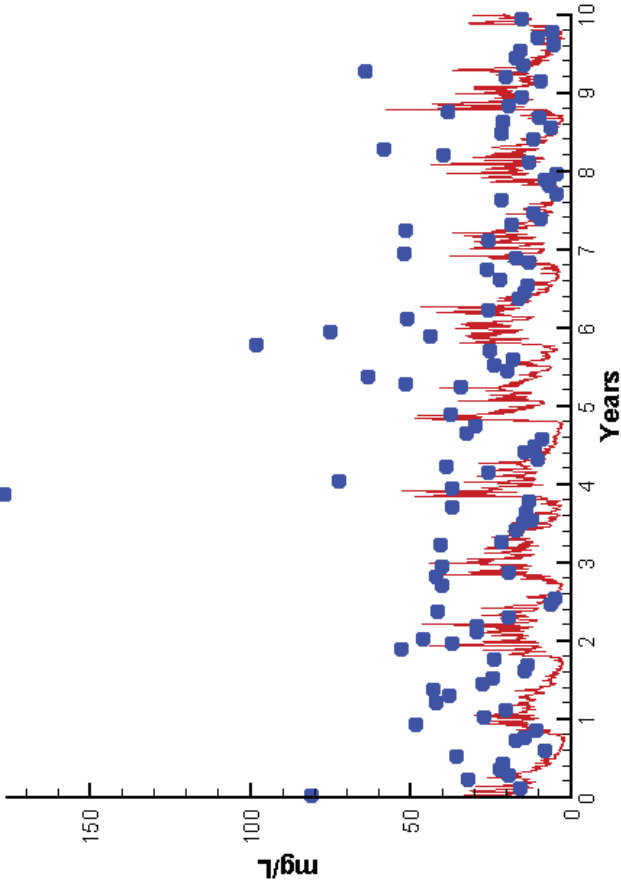
Run184 1991-2000

Light Extinction ET2.3 Surface



Run184 1991-2000

Total Solids ET2.3 Surface

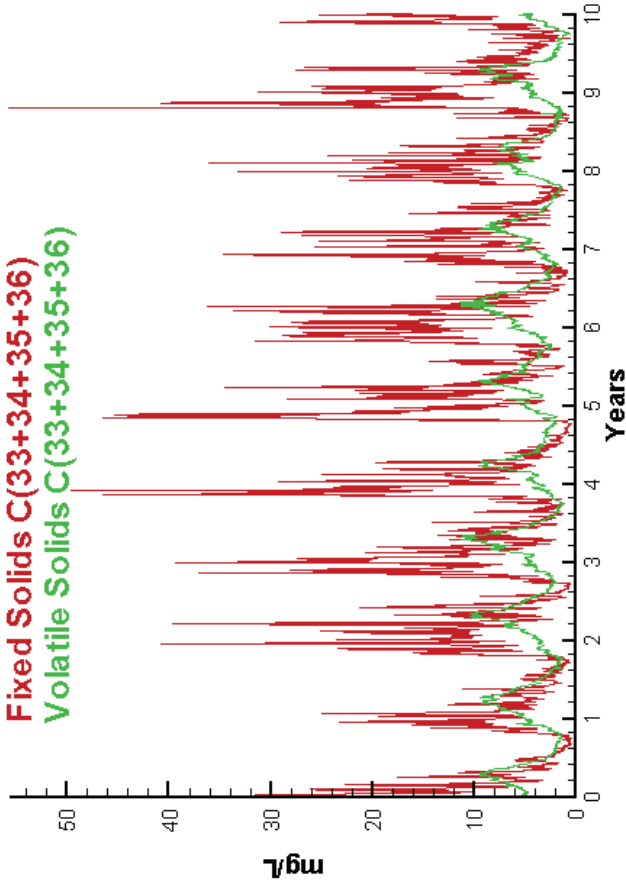


Run184 1991-2000

Solids Surface

Fixed Solids C(33+34+35+36)

Volatile Solids C(33+34+35+36)



Mean Difference

-0.2335

-15.5819

Absolute Mean Difference

0.9130

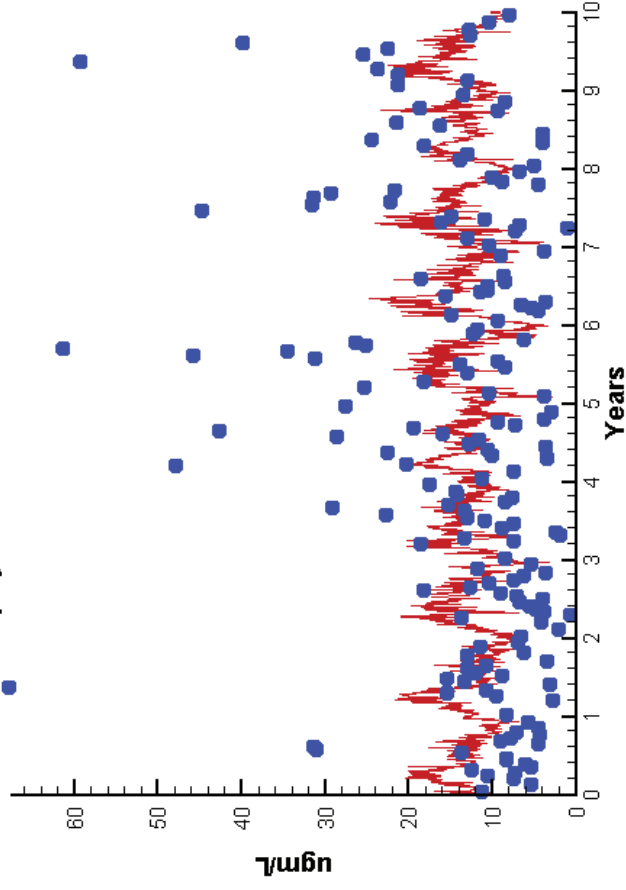
17.1733

KE

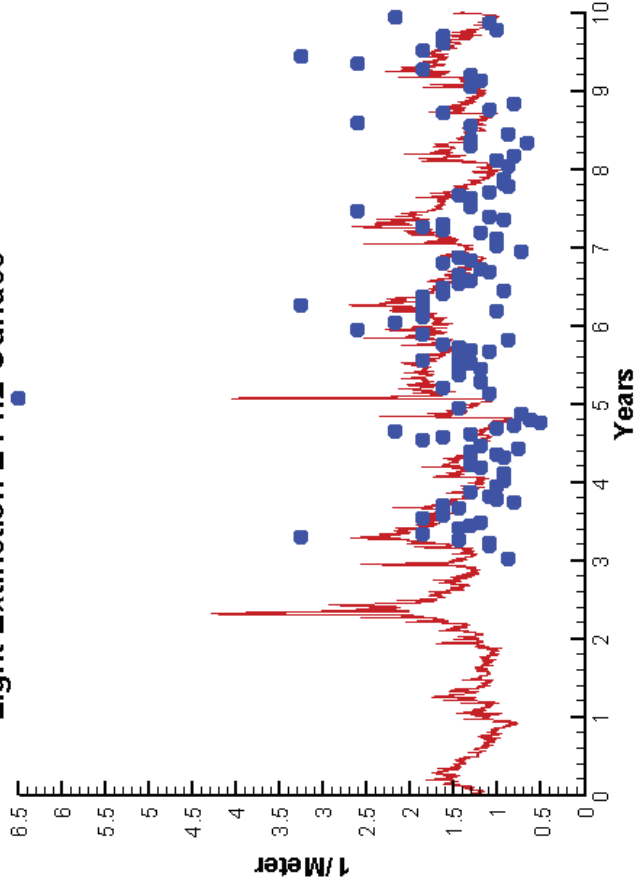
TSS

Station ET4.2

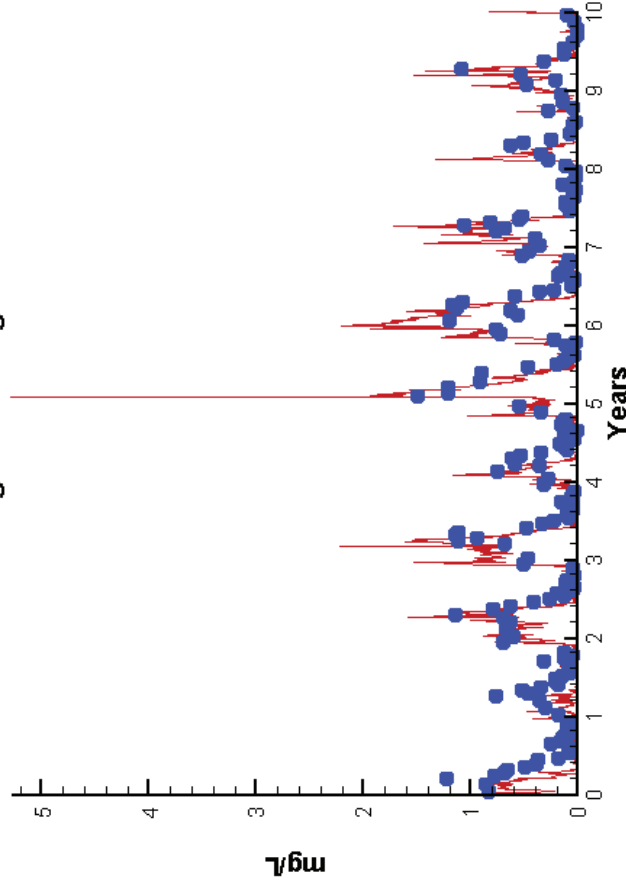
Run184 1991-2000
Chlorophyll ET4.2 Surface



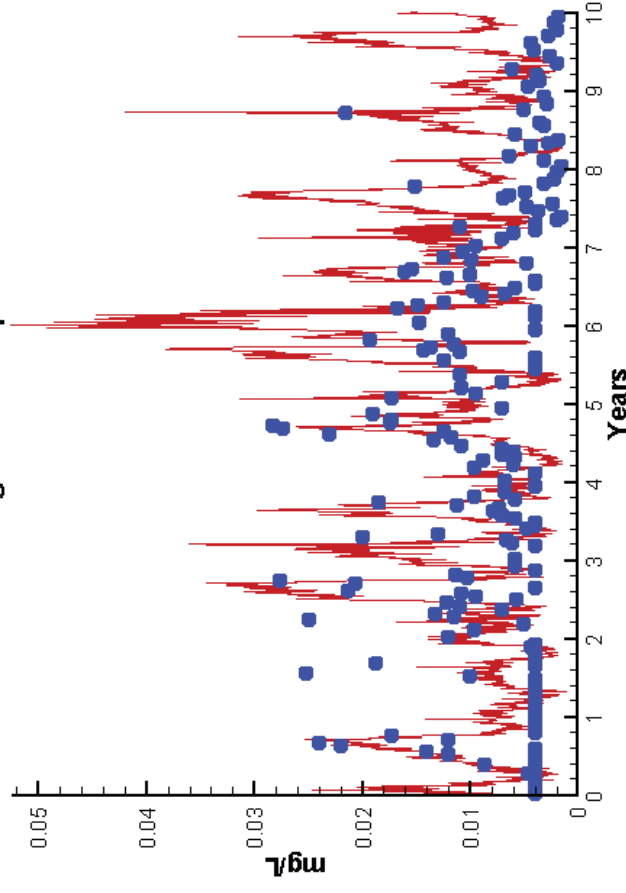
Run184 1991-2000
Light Extinction ET4.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen ET4.2 Surface

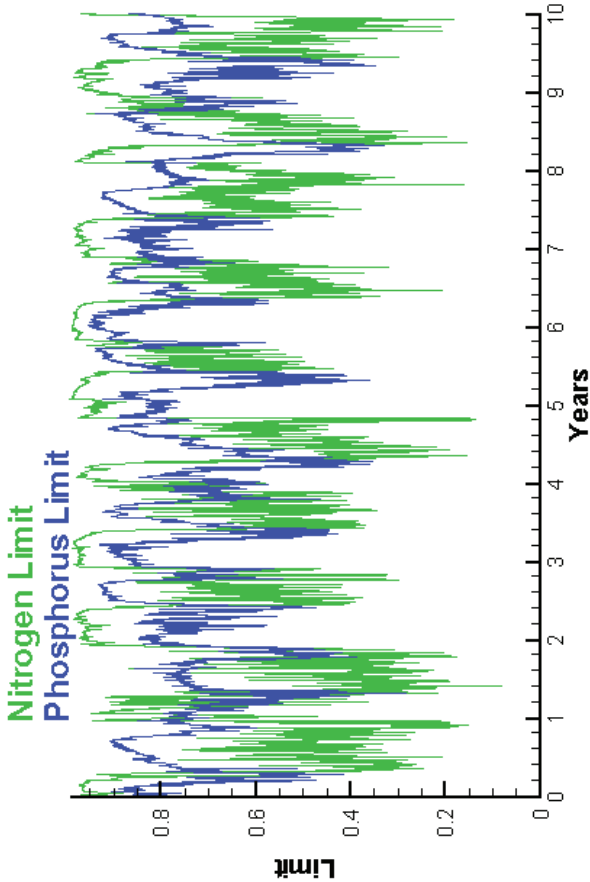


Run184 1991-2000
Dissolved Inorganic Phosphorus ET4.2 Surface

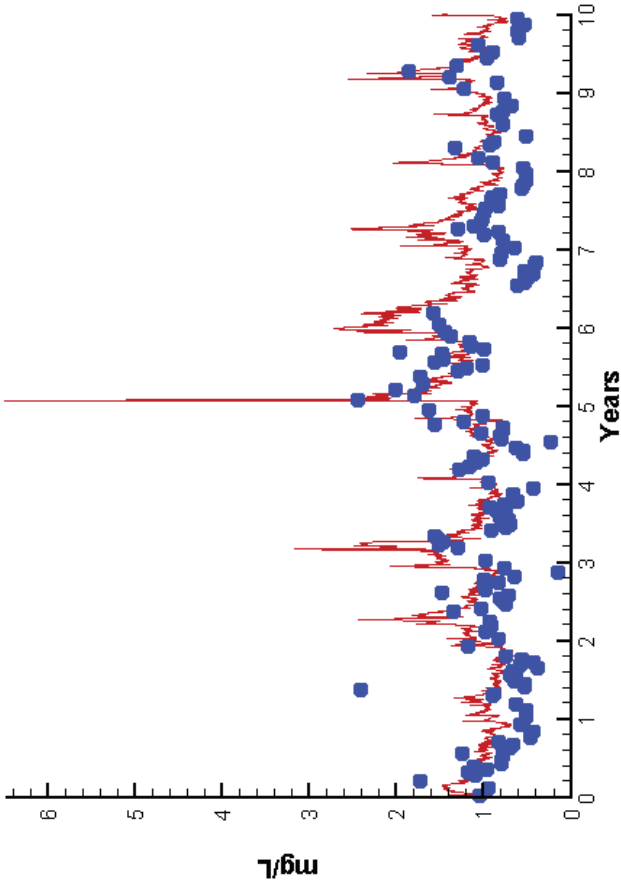


Station ET4.2

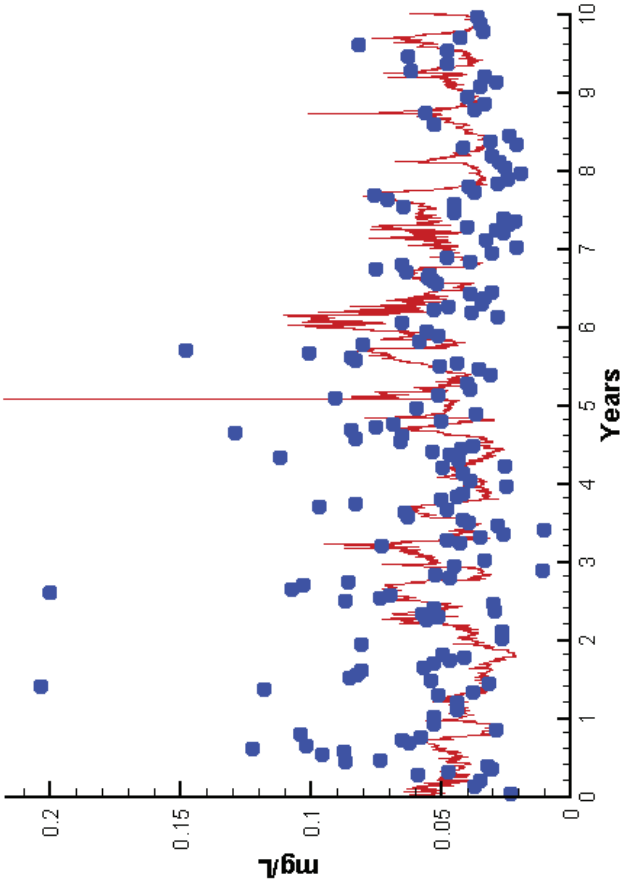
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen ET4.2 Surface



Run184 1991-2000
Total Phosphorus ET4.2 Surface



Mean Difference

Absolute Mean Difference

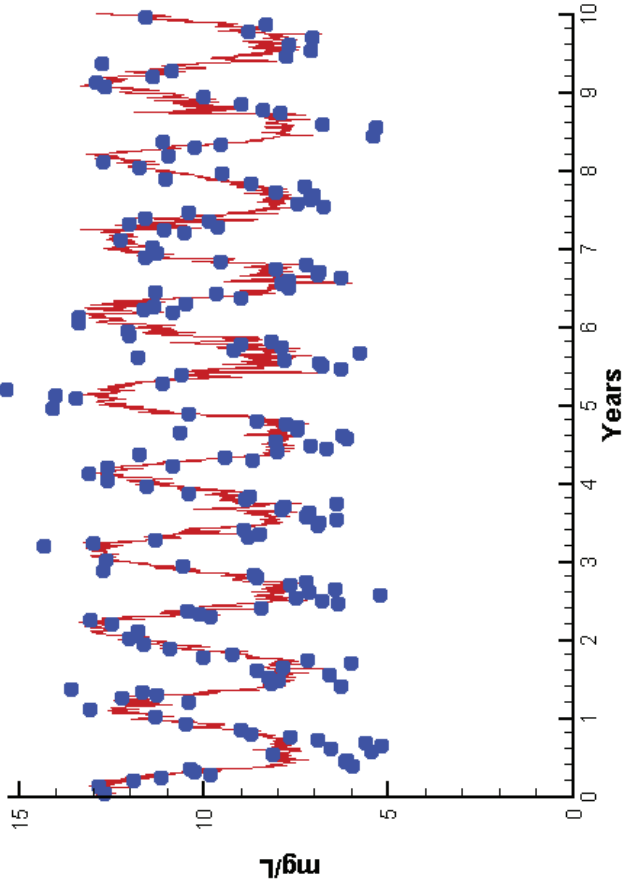
Chl
DIN
KE
DIP
TP
TN

-0.1259
-0.0743
0.1418
0.0038
-0.0051
0.2407

7.5009
0.1876
0.4390
0.0069
0.0205
0.3345

Station ET4.2

Run184 1991-2000
Dissolved Oxygen ET4.2 Surface



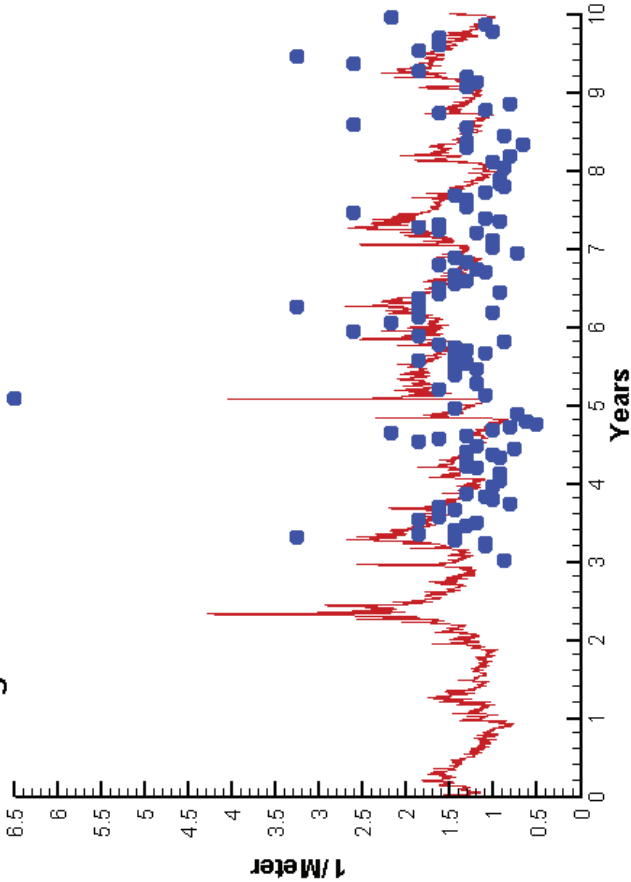
Mean Difference

Top DO 0.3533

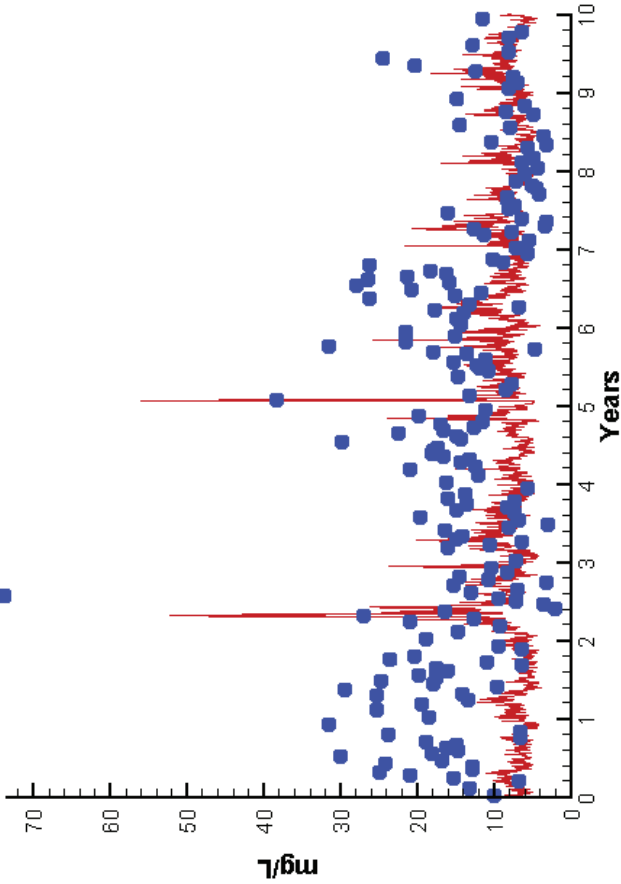
Absolute Mean Difference 1.0296

Station ET4.2

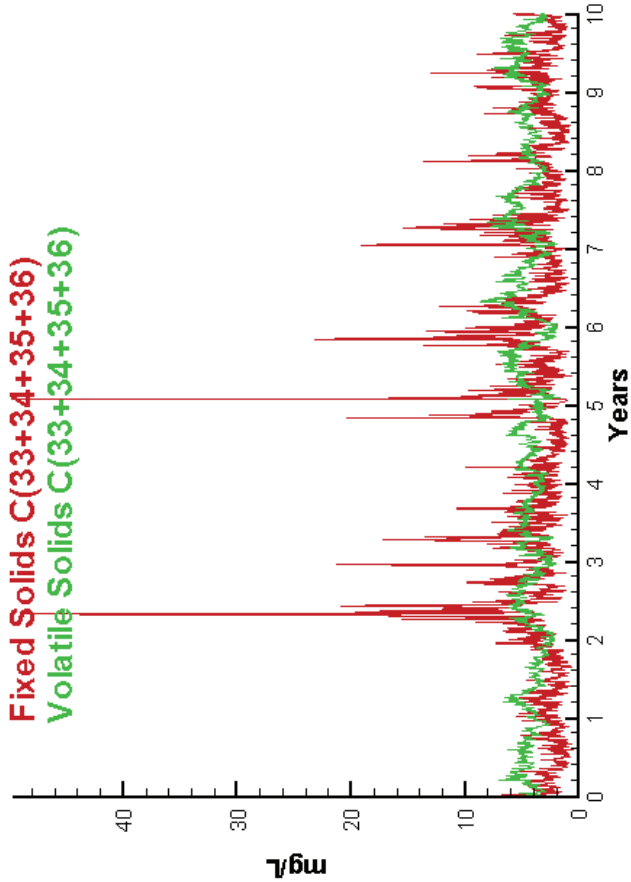
Run184 1991-2000
Light Extinction ET4.2 Surface



Run184 1991-2000
Total Solids ET4.2 Surface



Run184 1991-2000
Solids Surface



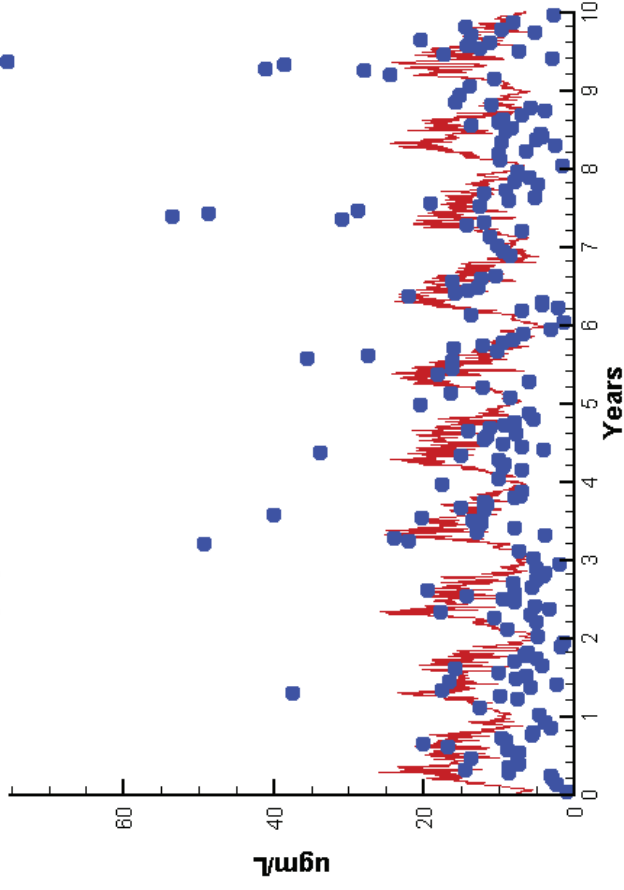
Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference Absolute Mean Difference

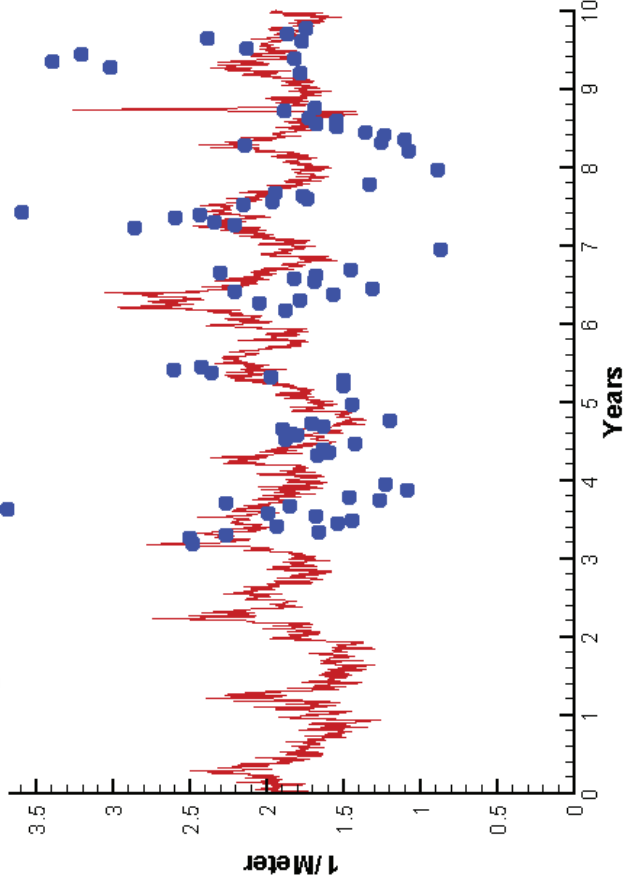
KE 0.1418 0.4390
TSS -5.5886 7.5297

Station ET5.2

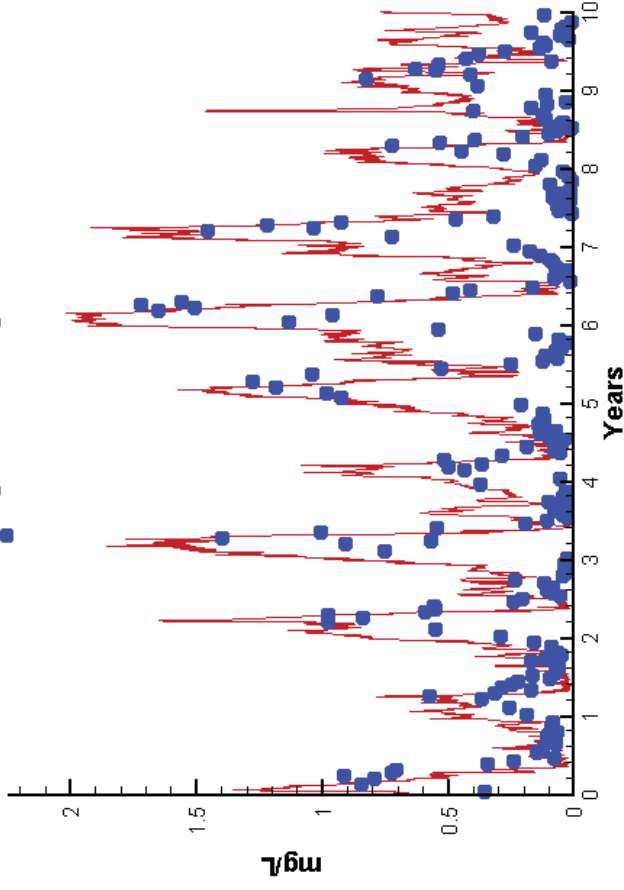
Run184 1991-2000
Chlorophyll ET5.2 Surface



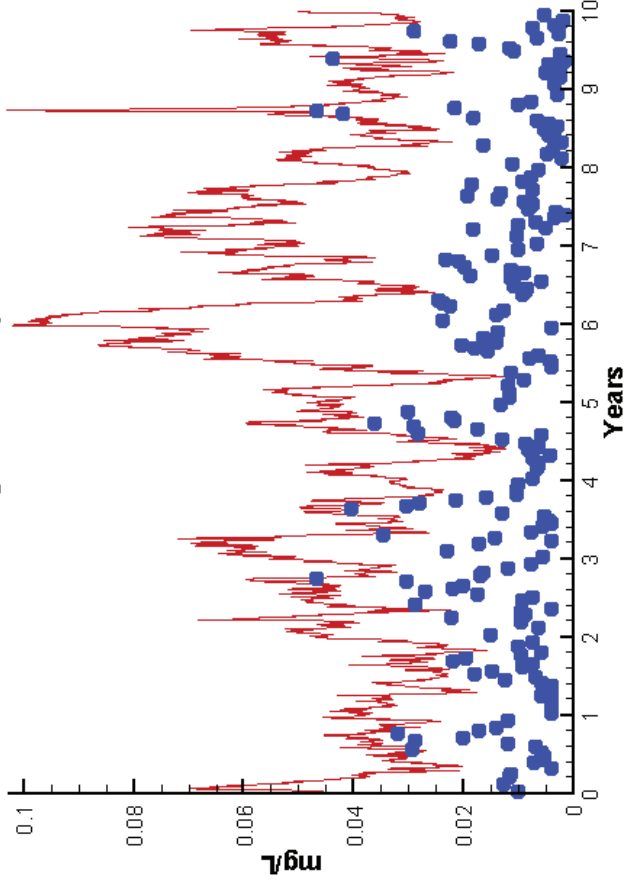
Run184 1991-2000
Light Extinction ET5.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen ET5.2 Surface

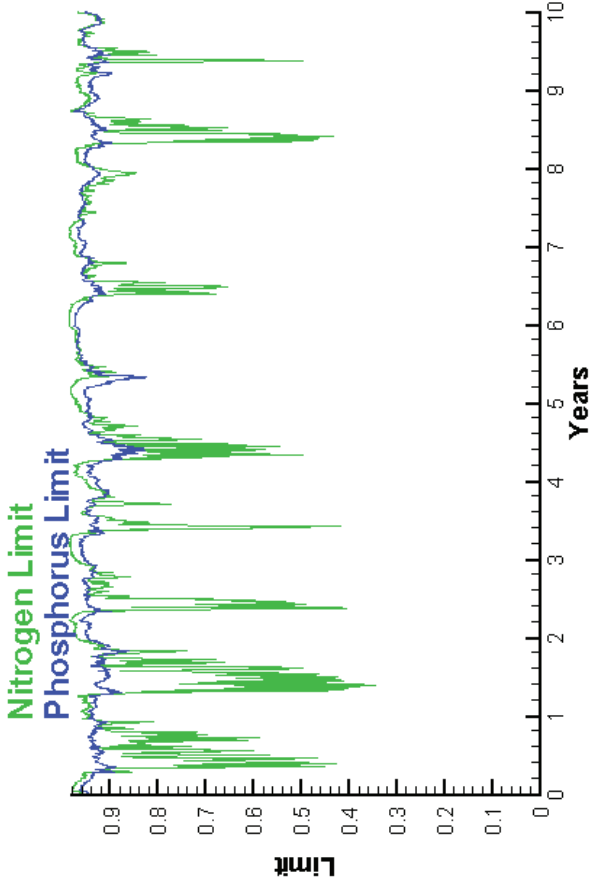


Run184 1991-2000
Dissolved Inorganic Phosphorus ET5.2 Surface

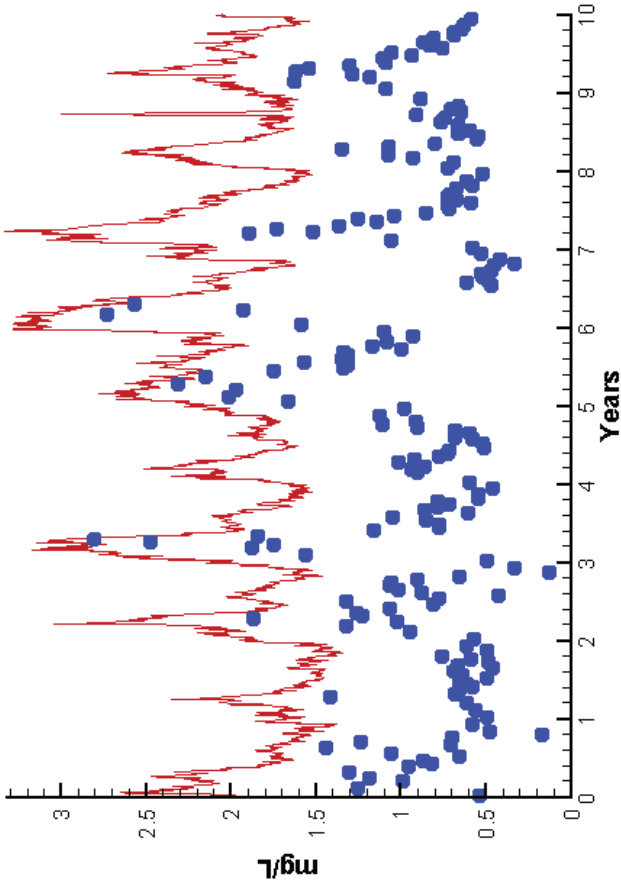


Station ET5.2

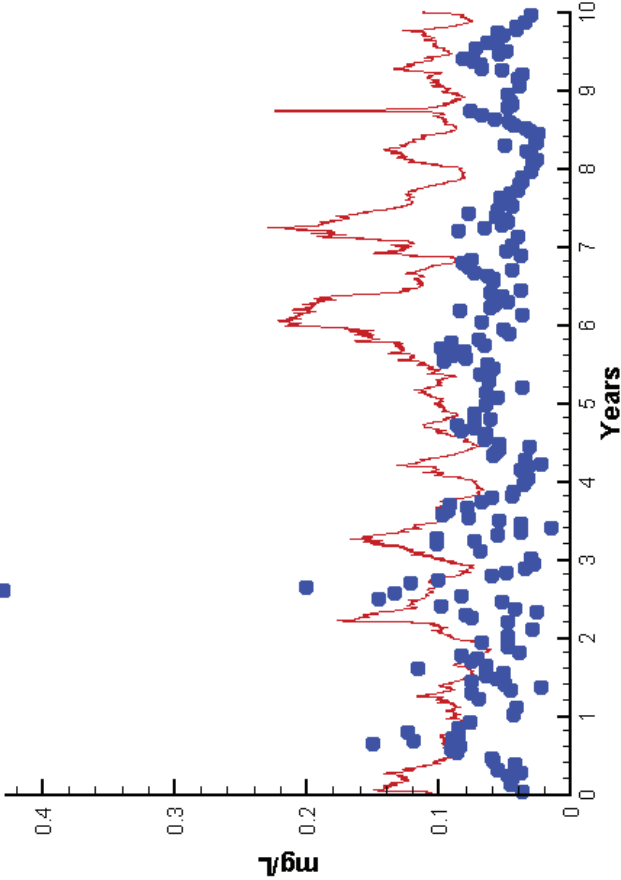
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen ET5.2 Surface



Run184 1991-2000
Total Phosphorus ET5.2 Surface



Mean Difference

Absolute Mean Difference

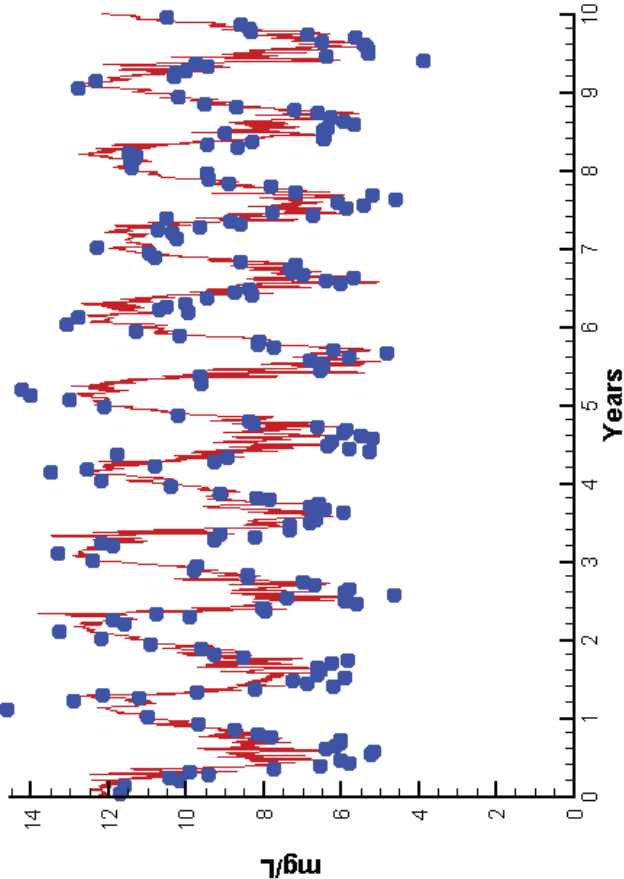
Chl
DIN
KE
DIP
TP
TN

2.4541
0.1714
0.1691
0.0308
0.0503
1.0664

7.5804
0.3203
0.4444
0.0309
0.0571
1.0664

Station ET5.2

Run184 1991-2000
Dissolved Oxygen ET5.2 Surface



Mean Difference

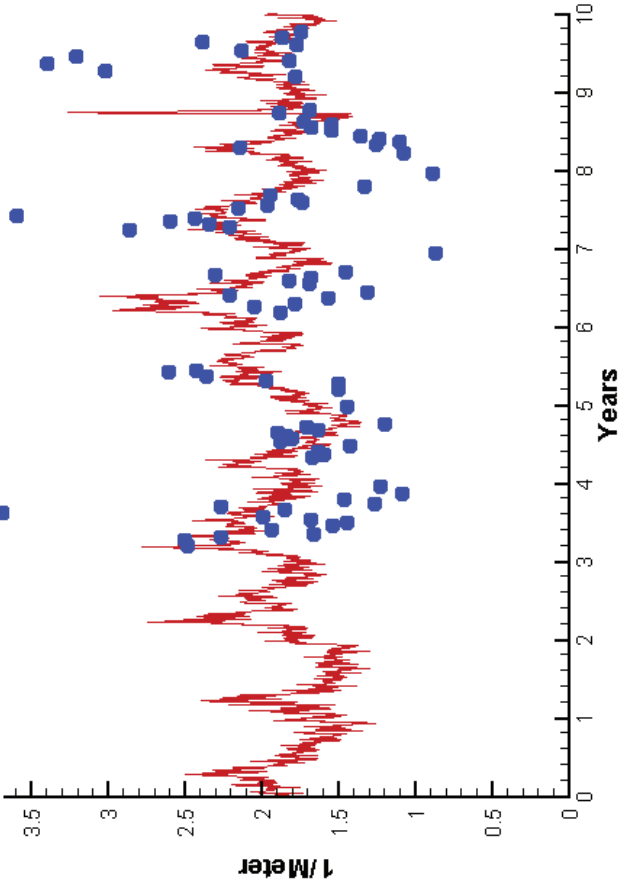
Top DO 0.8212

Absolute Mean Difference

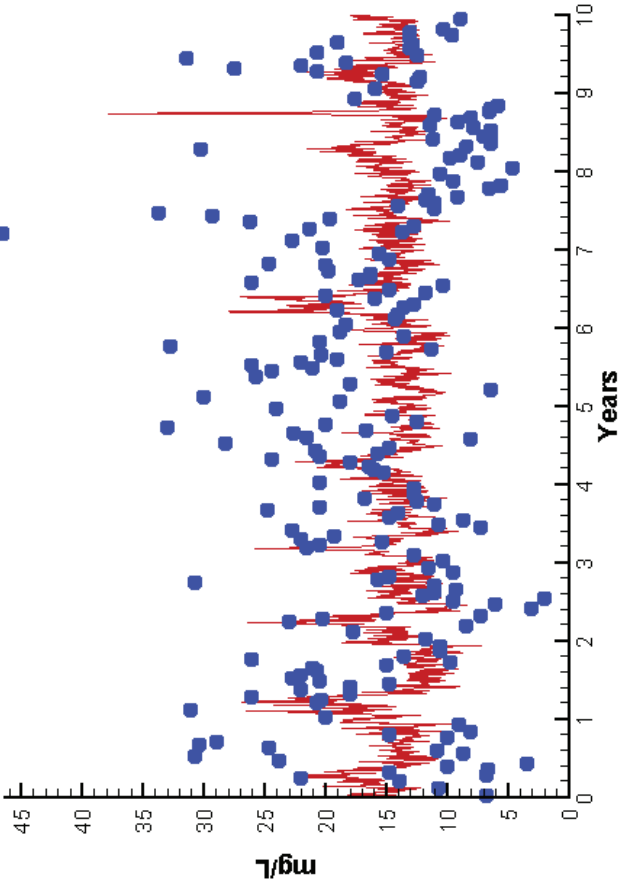
1.1890

Station ET5.2

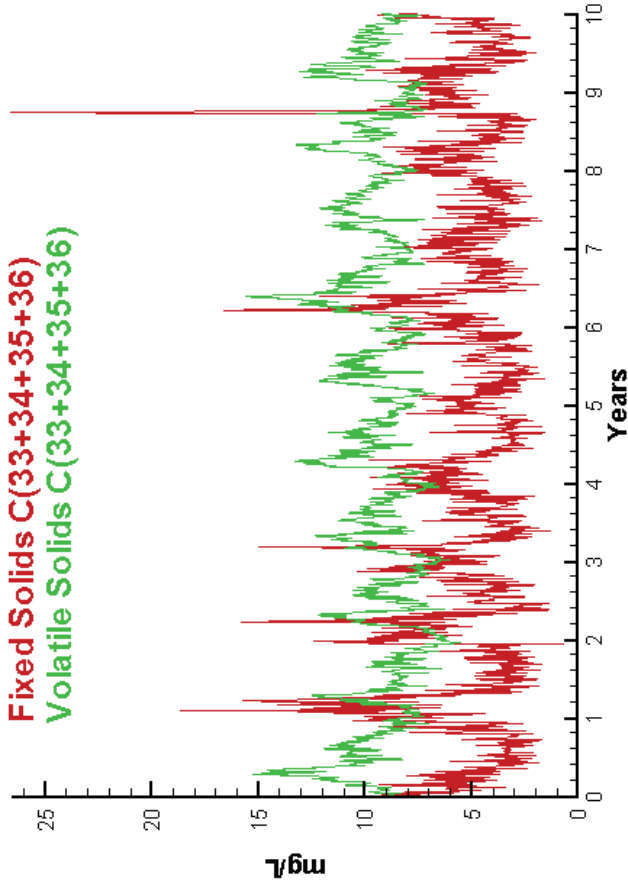
Run184 1991-2000
Light Extinction ET5.2 Surface



Run184 1991-2000
Total Solids ET5.2 Surface



Run184 1991-2000
Solids Surface



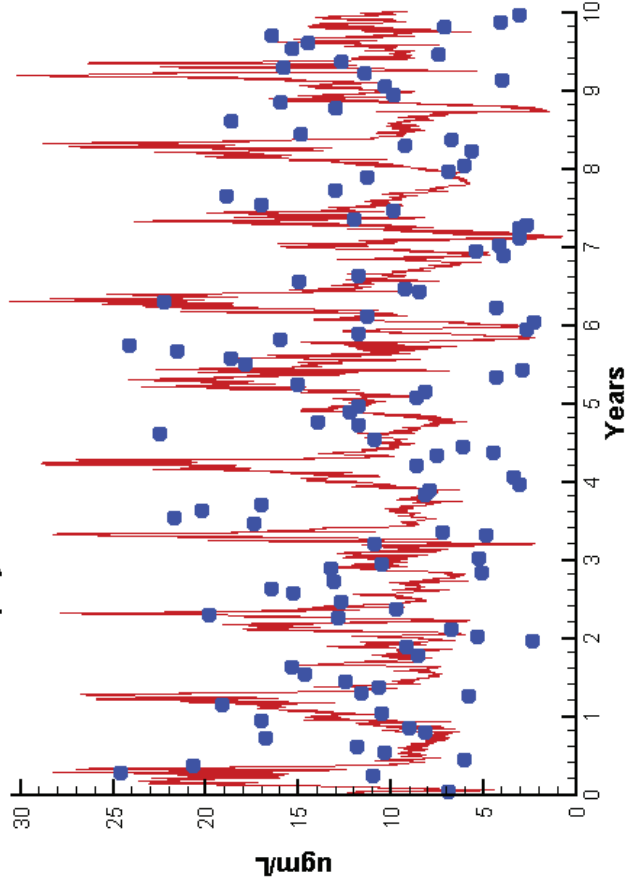
Mean Difference Absolute Mean Difference

KE 0.1691
TSS -1.5953

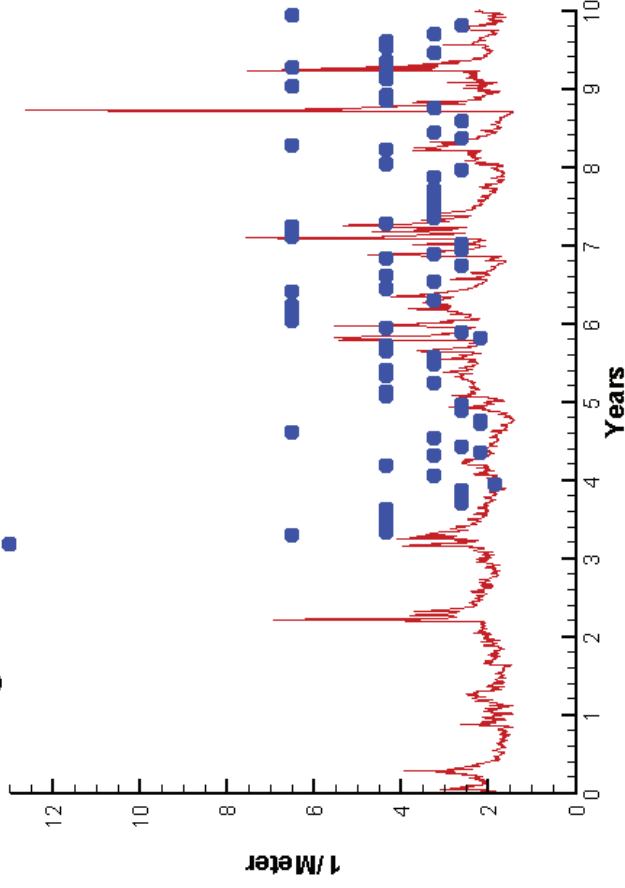
0.4444
6.1643

Station ET6.2

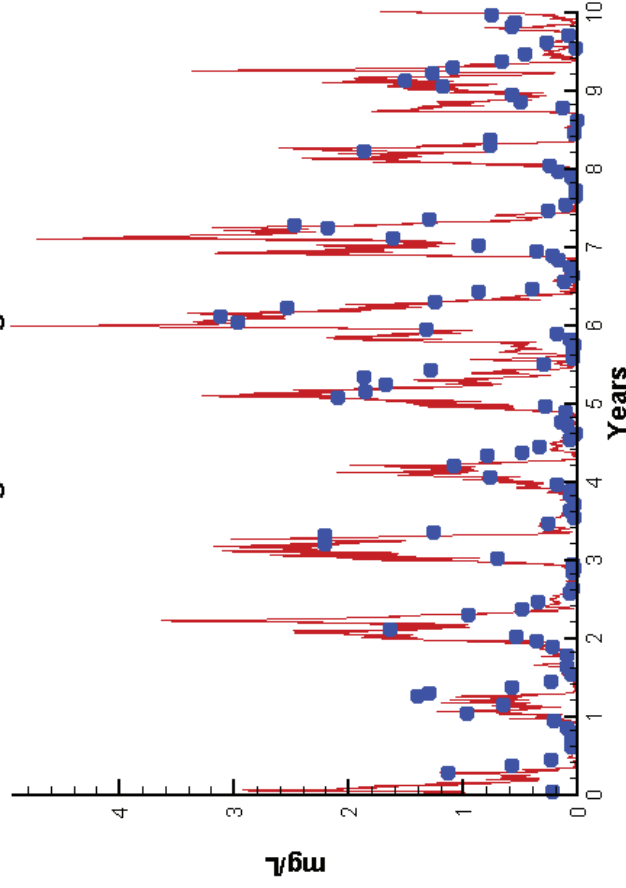
Run184 1991-2000
Chlorophyll ET6.2 Surface



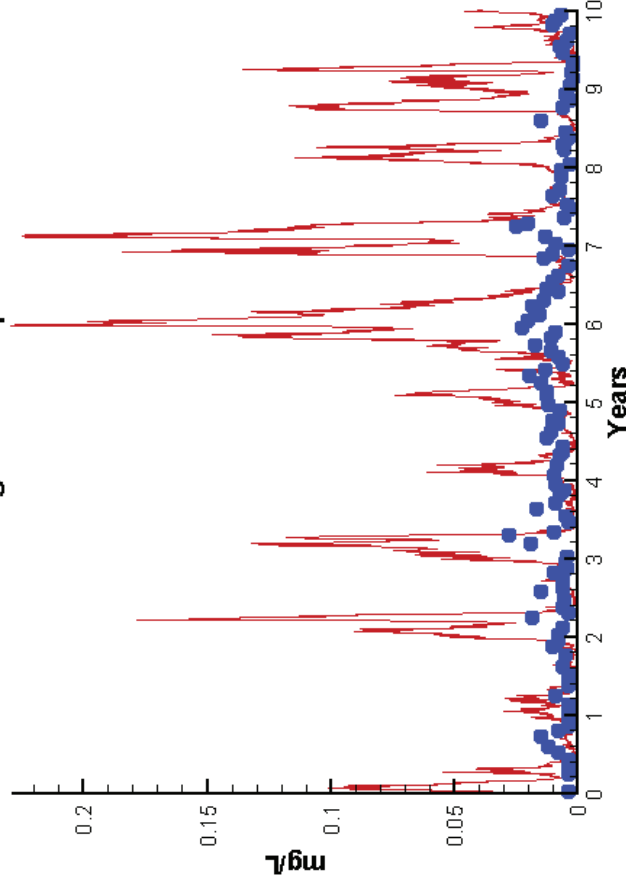
Run184 1991-2000
Light Extinction ET6.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen ET6.2 Surface

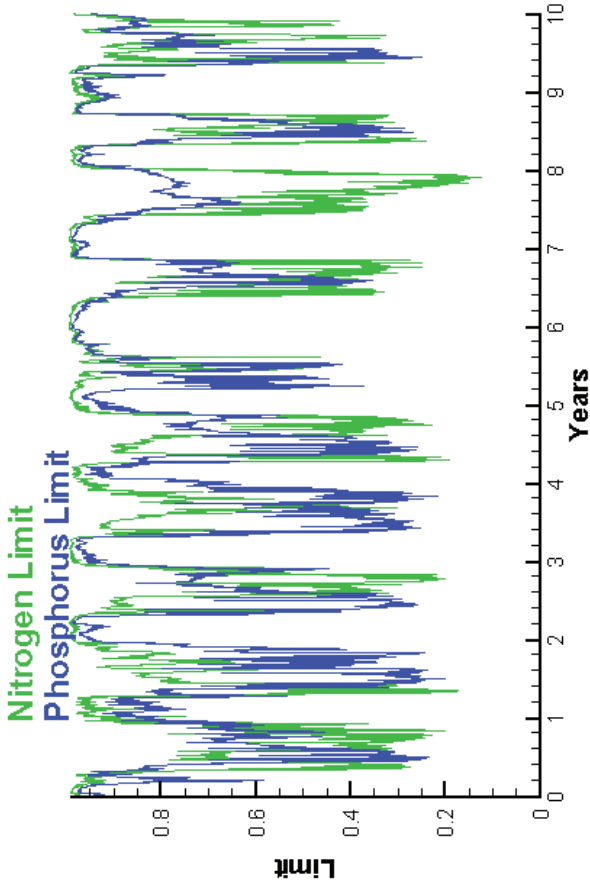


Run184 1991-2000
Dissolved Inorganic Phosphorus ET6.2 Surface

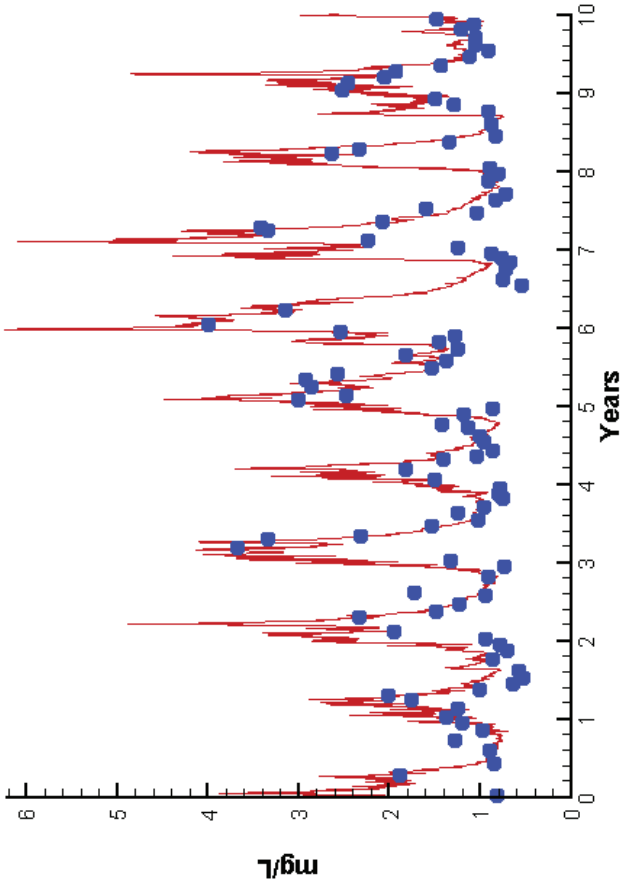


Station ET6.2

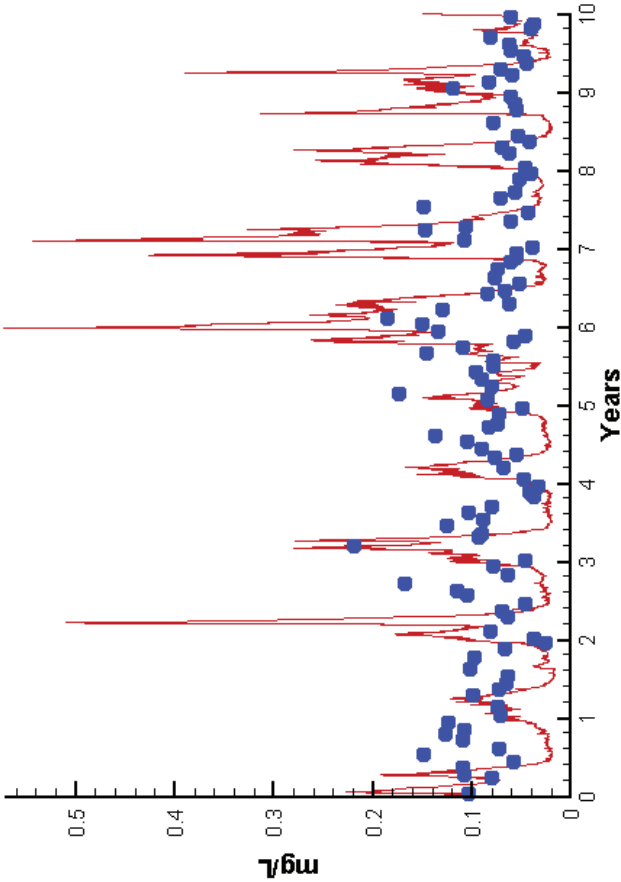
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen ET6.2 Surface



Run184 1991-2000
Total Phosphorus ET6.2 Surface



Mean Difference

Absolute Mean Difference

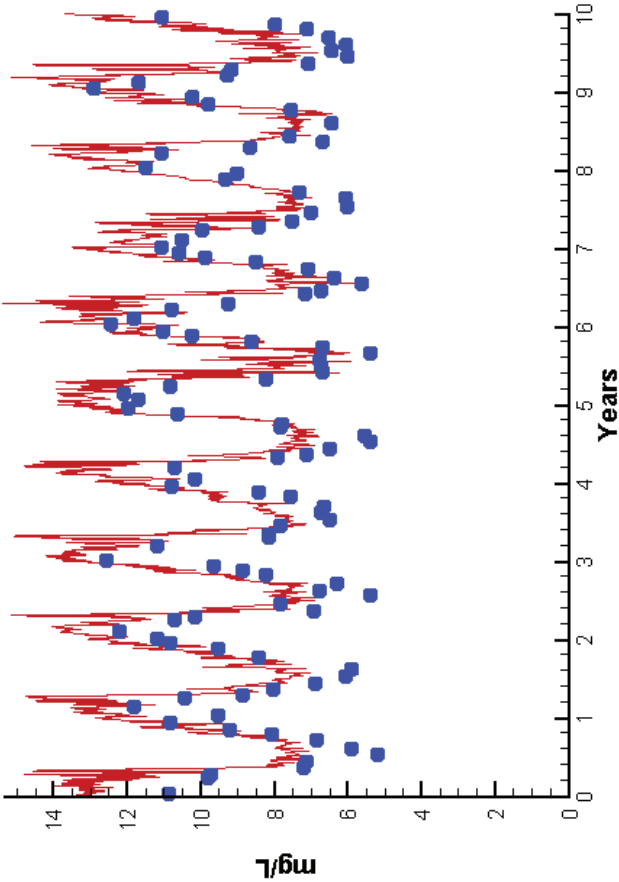
Chl
DIN
KE
DIP
TP
TN

0.7287
-0.0010
-1.6306
0.0209
0.0052
0.3325

5.7112
0.4289
1.7563
0.0246
0.0584
0.4924

Station ET6.2

Run184 1991-2000
Dissolved Oxygen ET6.2 Surface



Mean Difference

1.5257

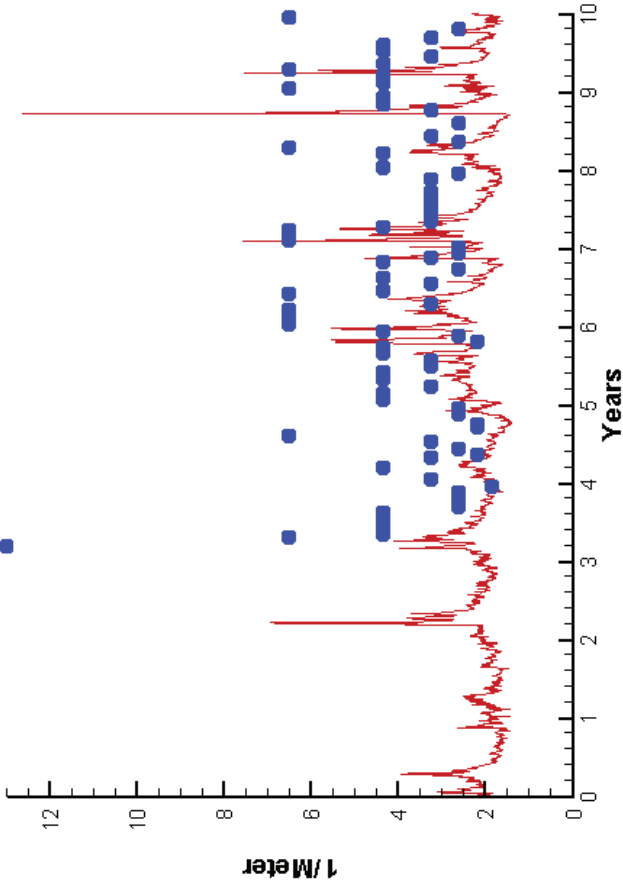
Top DO

Absolute Mean Difference

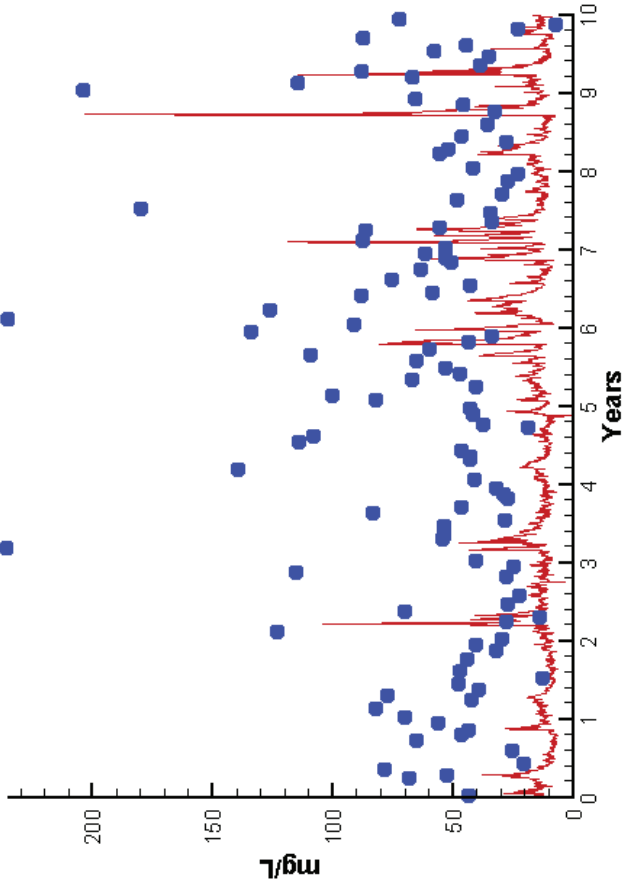
1.5484

Station ET6.2

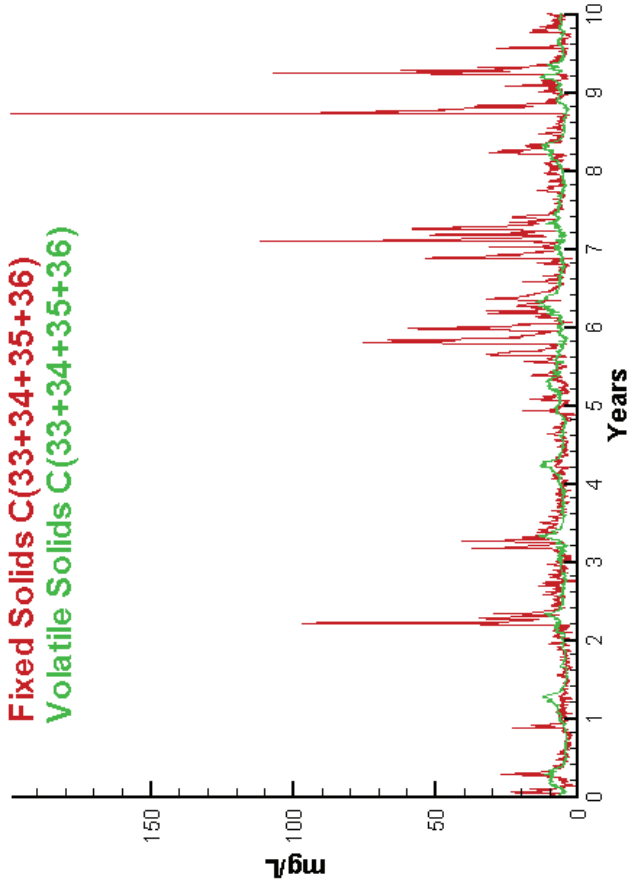
Run184 1991-2000
Light Extinction ET6.2 Surface



Run184 1991-2000
Total Solids ET6.2 Surface



Run184 1991-2000
Solids Surface



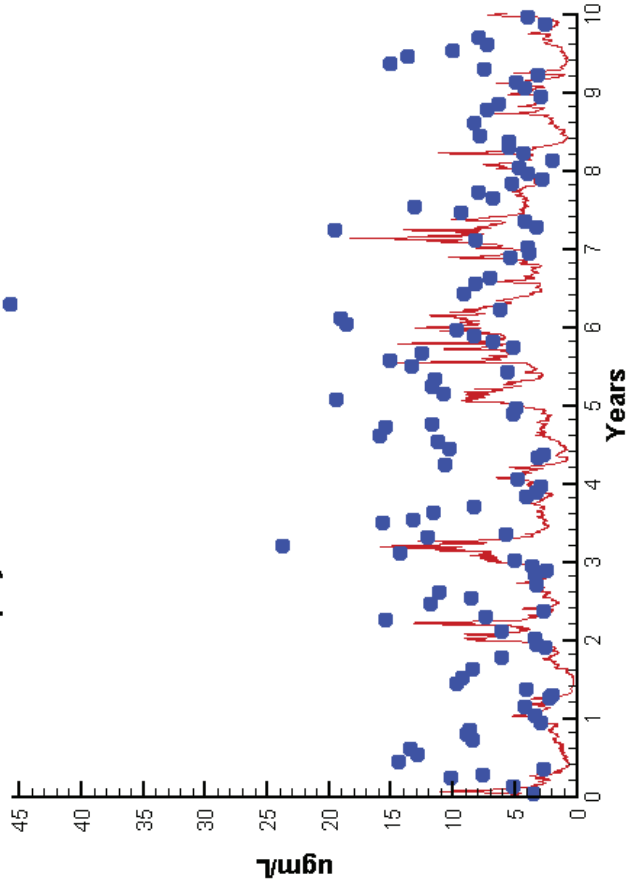
Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference Absolute Mean Difference

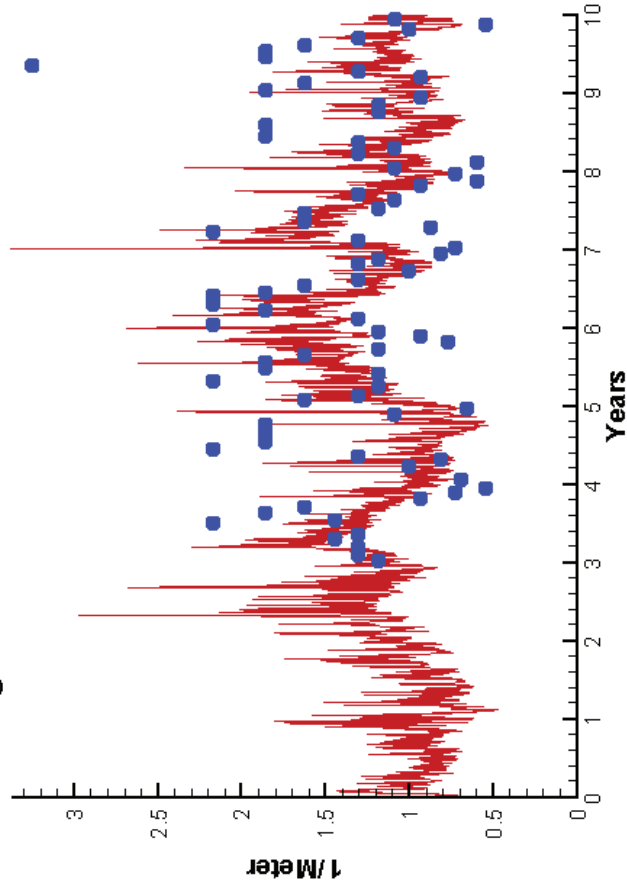
KE 1.7563
TSS 44.5379

Station ET9.1

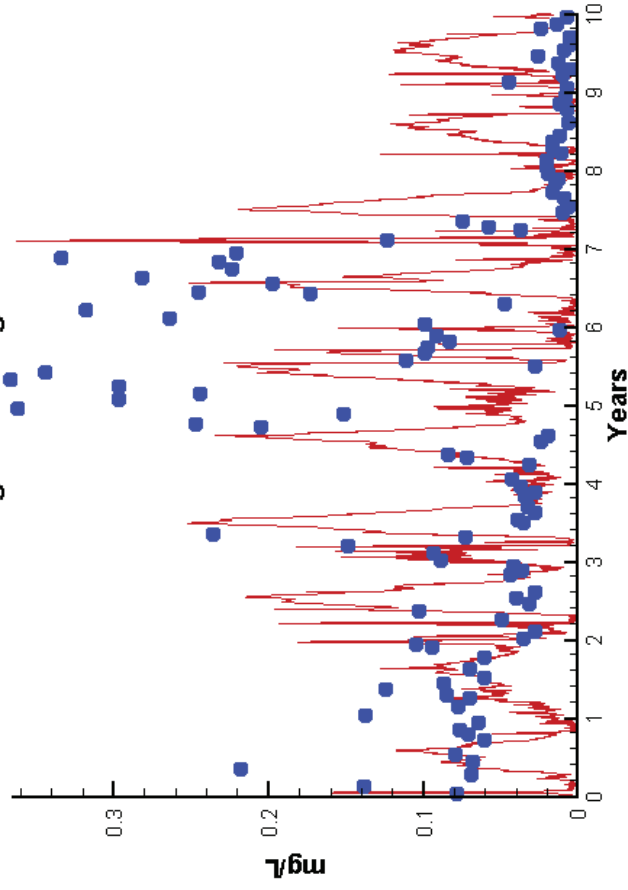
Run184 1991-2000
Chlorophyll ET9.1 Surface



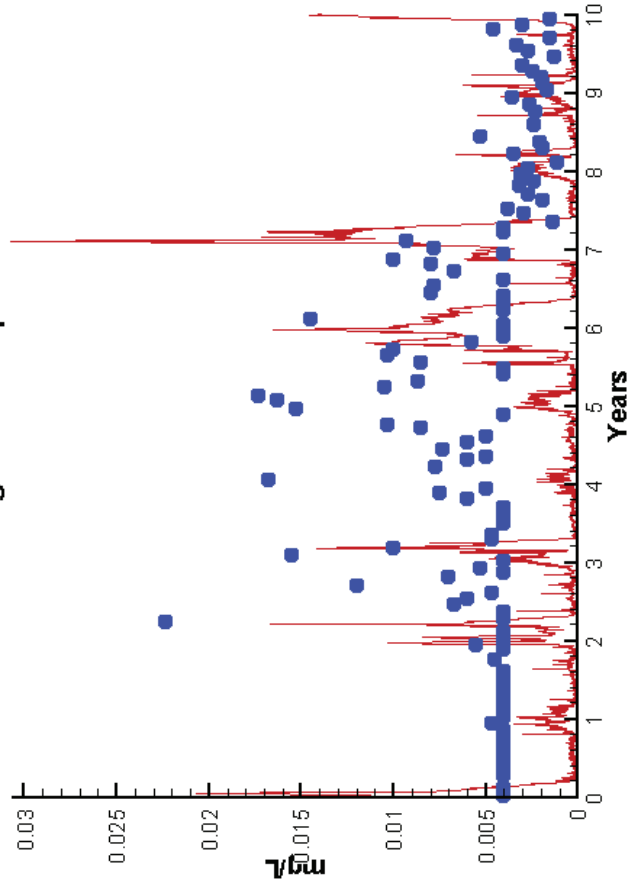
Run184 1991-2000
Light Extinction ET9.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen ET9.1 Surface

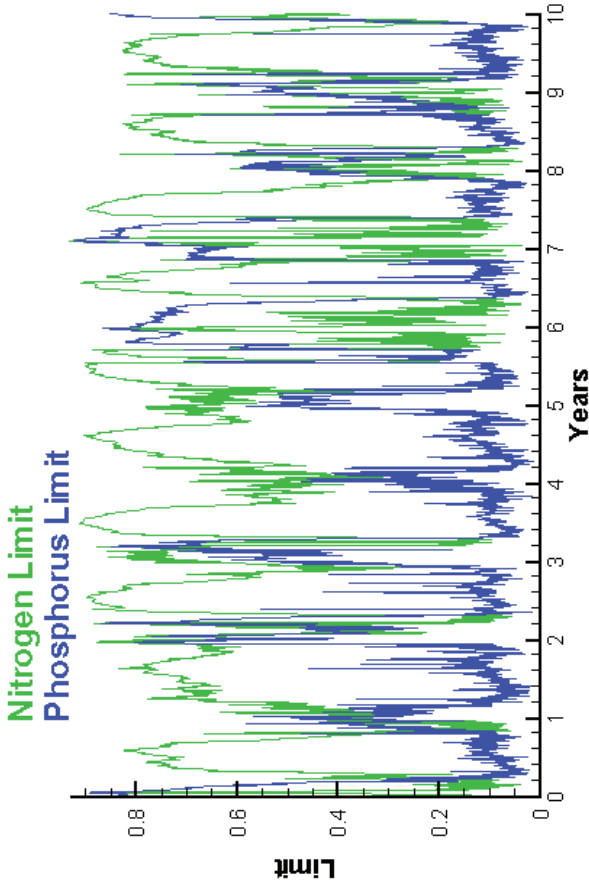


Run184 1991-2000
Dissolved Inorganic Phosphorus ET9.1 Surface

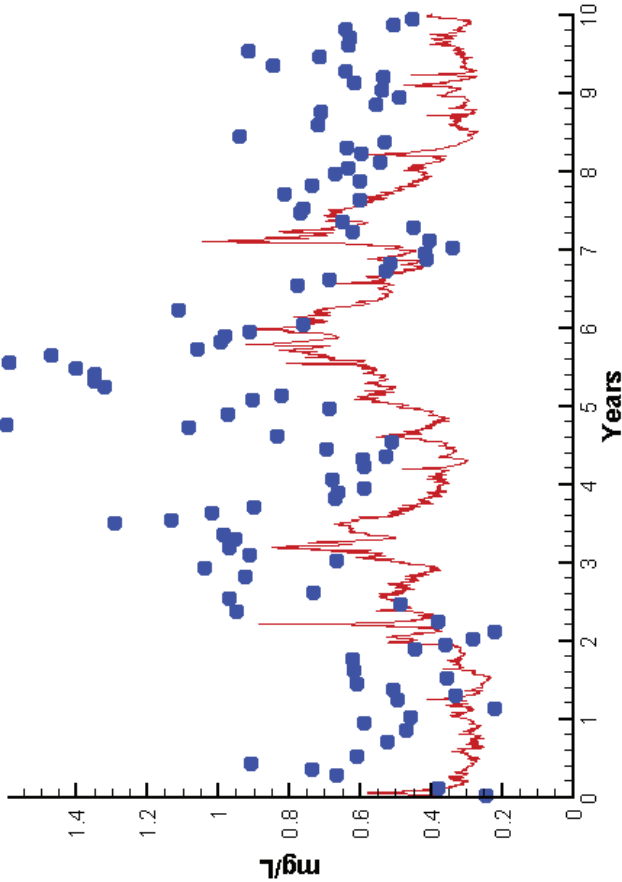


Station ET9.1

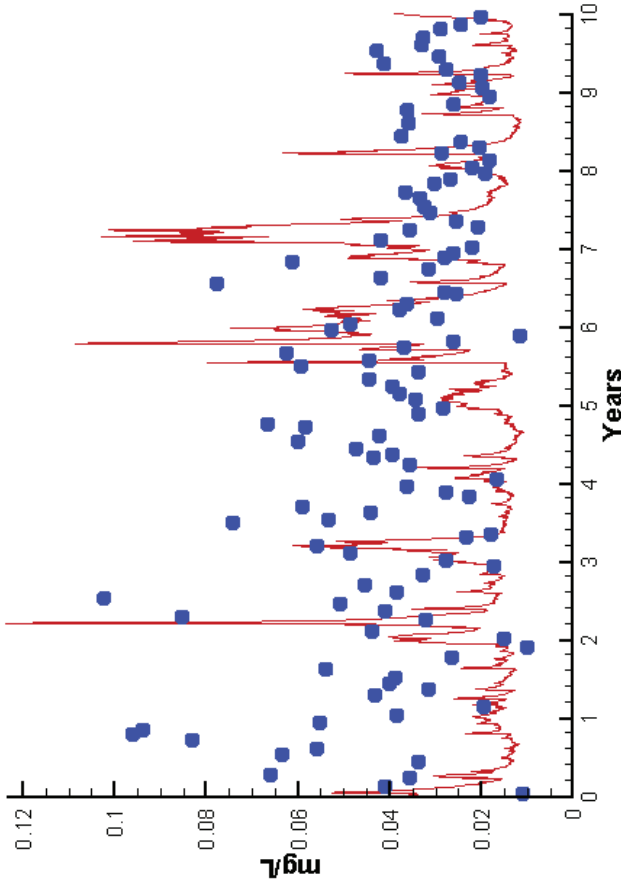
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen ET9.1 Surface



Run184 1991-2000
Total Phosphorus ET9.1 Surface



Mean Difference

Absolute Mean Difference

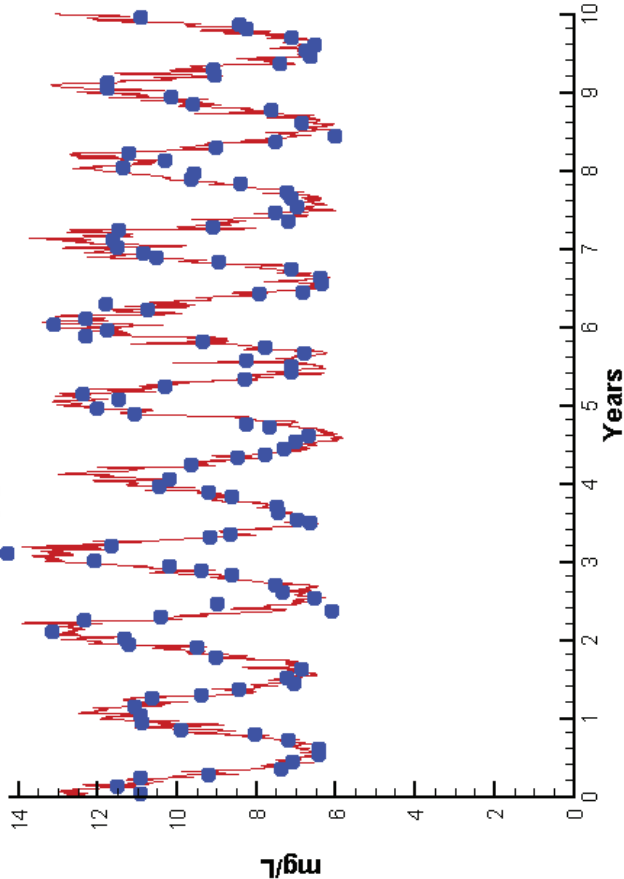
Chl
DIN
KE
DIP
TP
TN

-4.3220
-0.0271
-0.1551
-0.0034
-0.0140
-0.2709

5.2331
0.0781
0.3955
0.0047
0.0226
0.3081

Station ET9.1

Run184 1991-2000
Dissolved Oxygen ET9.1 Surface



Mean Difference

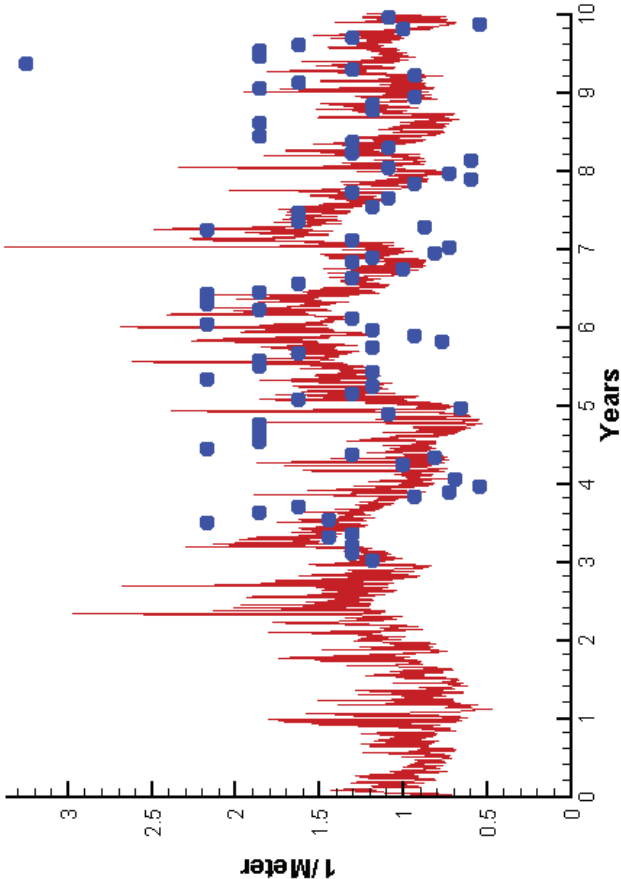
Top DO 0.1129

Absolute Mean Difference

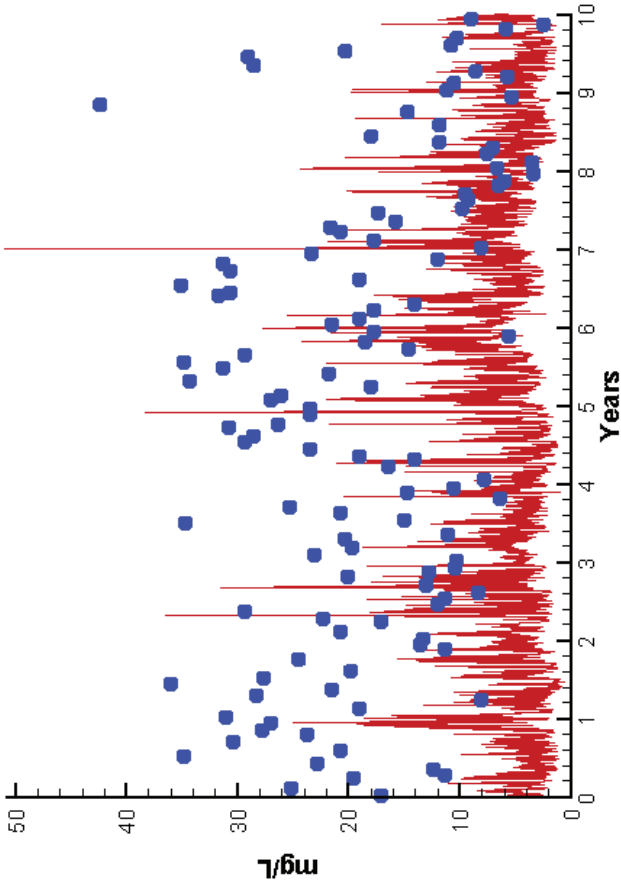
0.5422

Station ET9.1

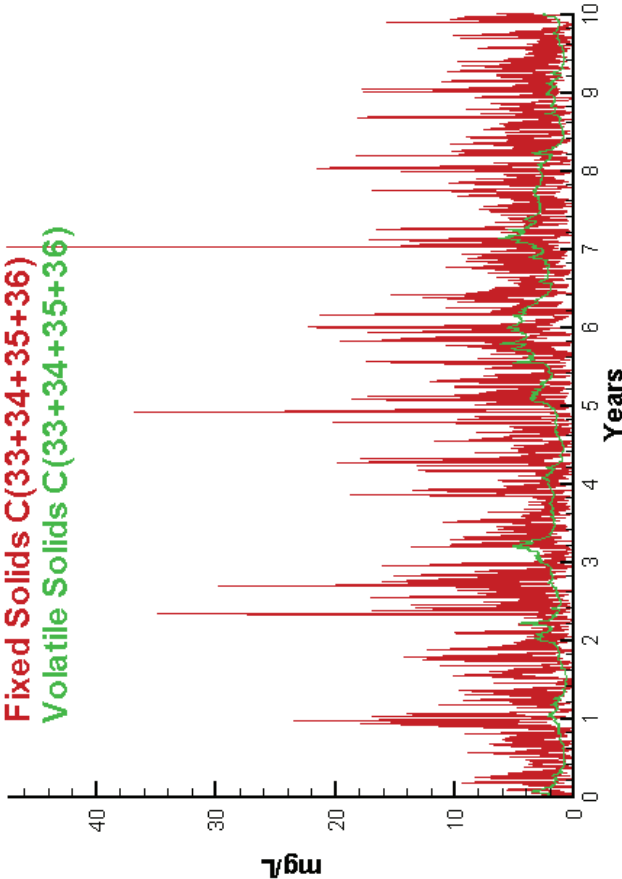
Run184 1991-2000
Light Extinction ET9.1 Surface



Run184 1991-2000
Total Solids ET9.1 Surface



Run184 1991-2000
Solids Surface



Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

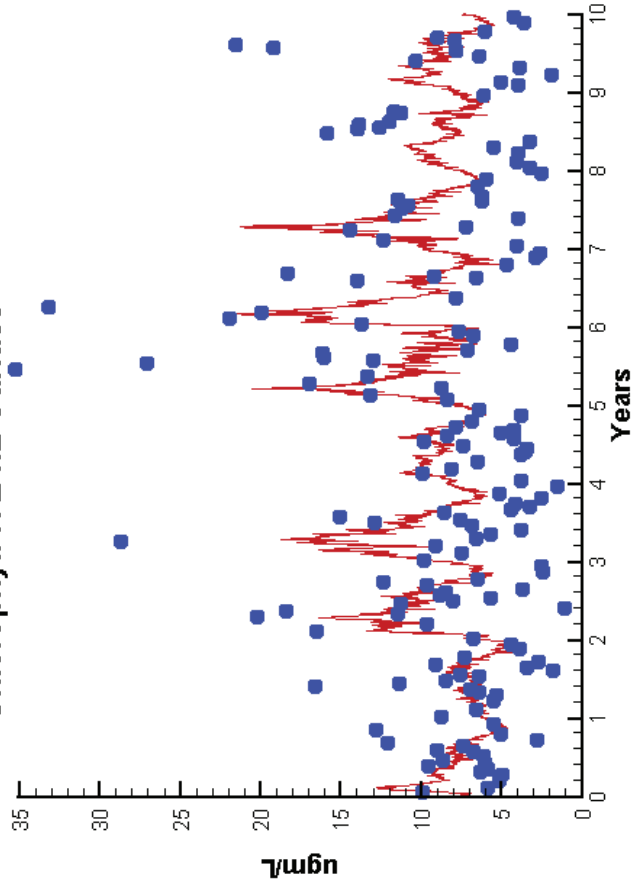
KE	-0.1551	0.3955
TSS	-13.1937	13.3285

Mean Difference

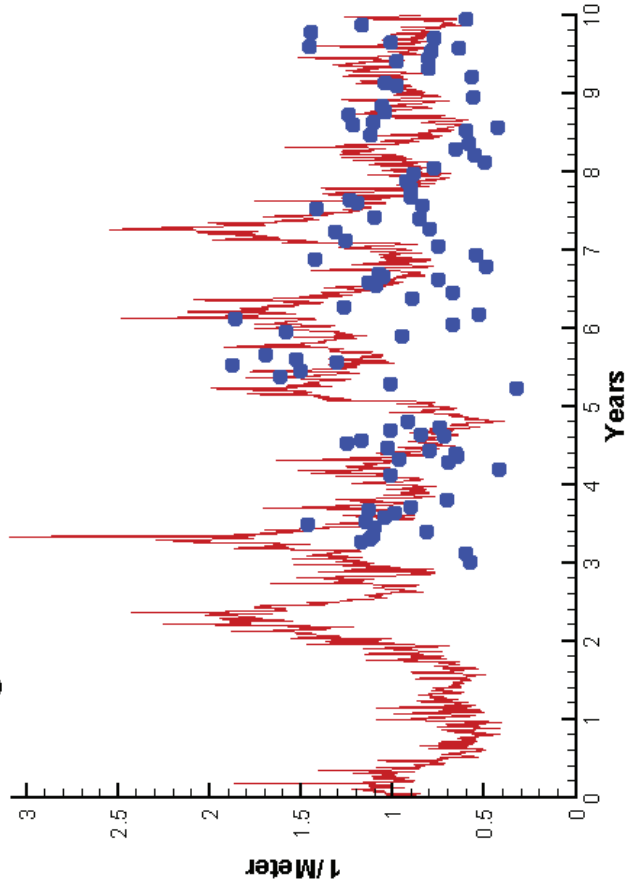
Absolute Mean Difference

Station WE4.2

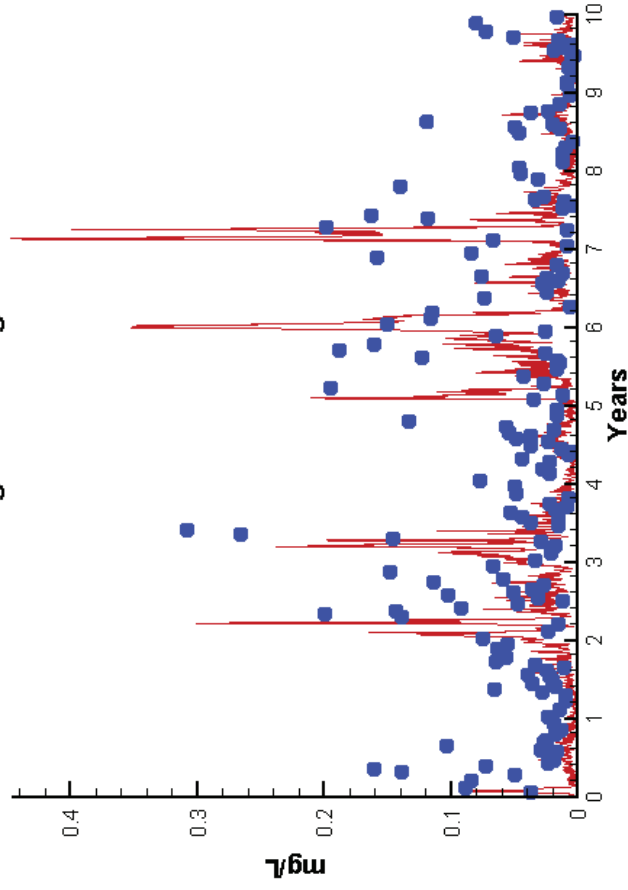
Run184 1991-2000
Chlorophyll WE4.2 Surface



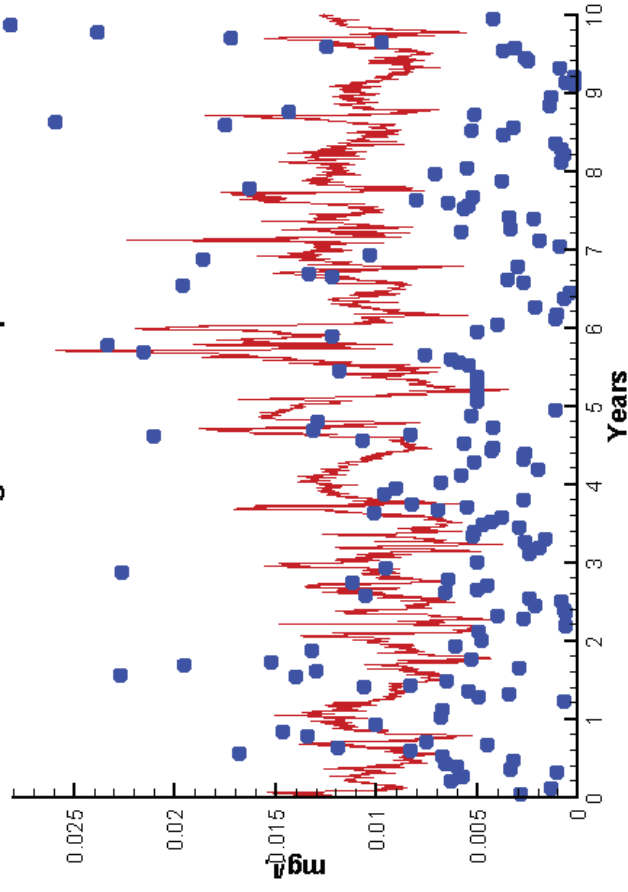
Run184 1991-2000
Light Extinction WE4.2 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen WE4.2 Surface

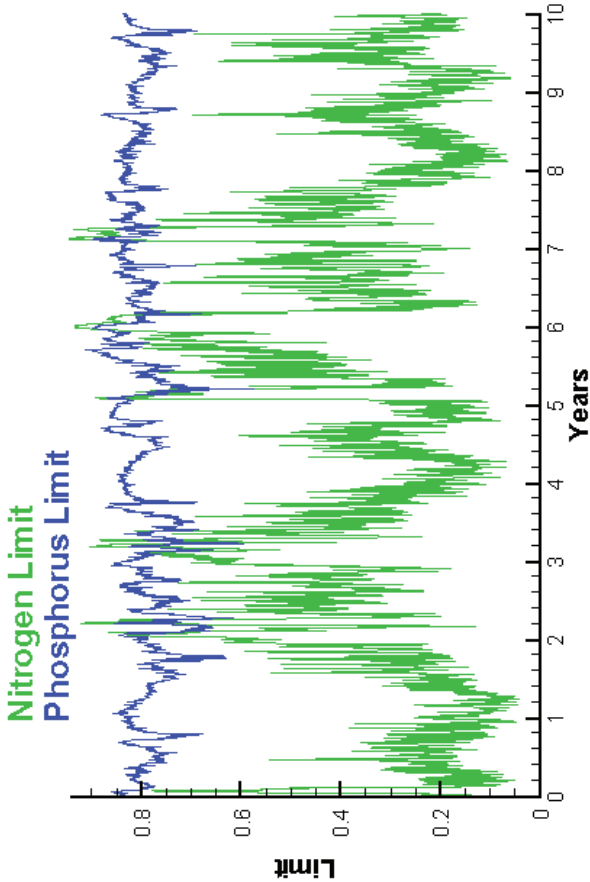


Run184 1991-2000
Dissolved Inorganic Phosphorus WE4.2 Surface

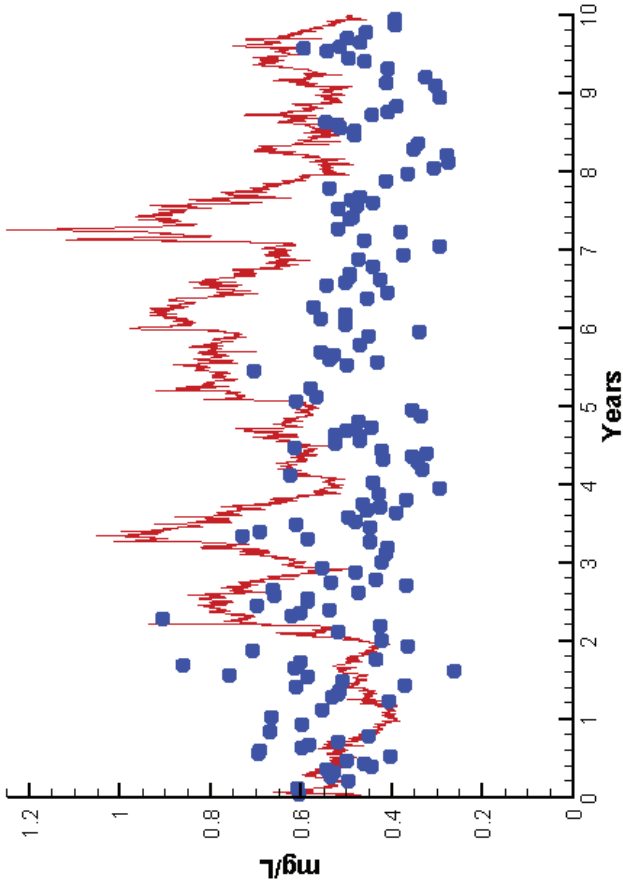


Station WE4.2

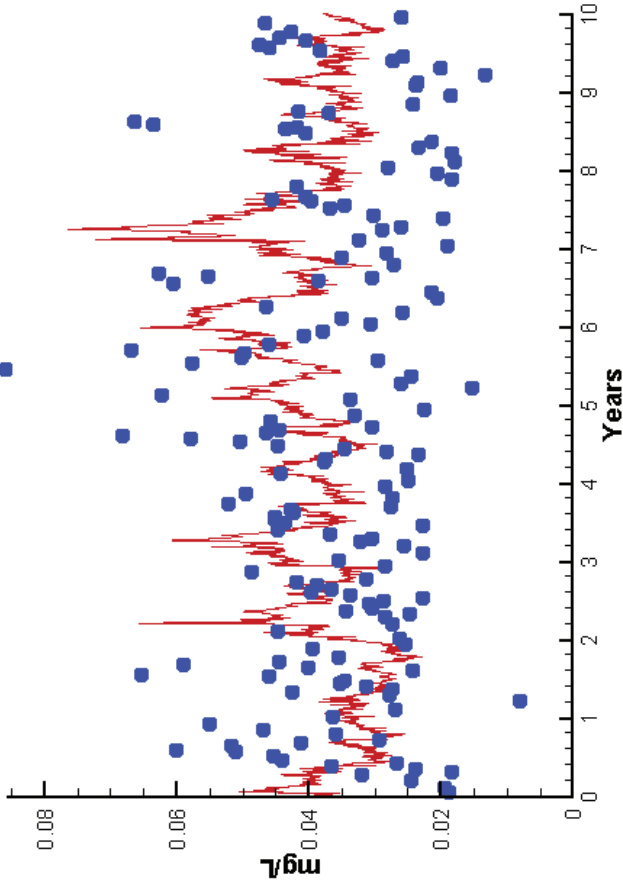
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen WE4.2 Surface



Run184 1991-2000
Total Phosphorus WE4.2 Surface



Mean Difference

Absolute Mean Difference

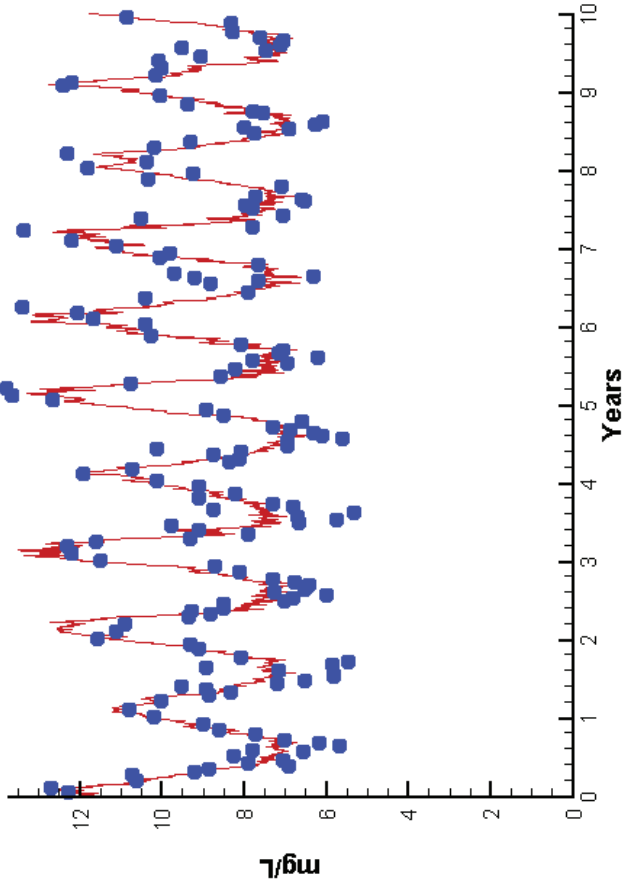
Chl
DIN
KE
DIP
TP
TN

0.7030
-0.0247
0.1542
0.0038
0.0035
0.1673

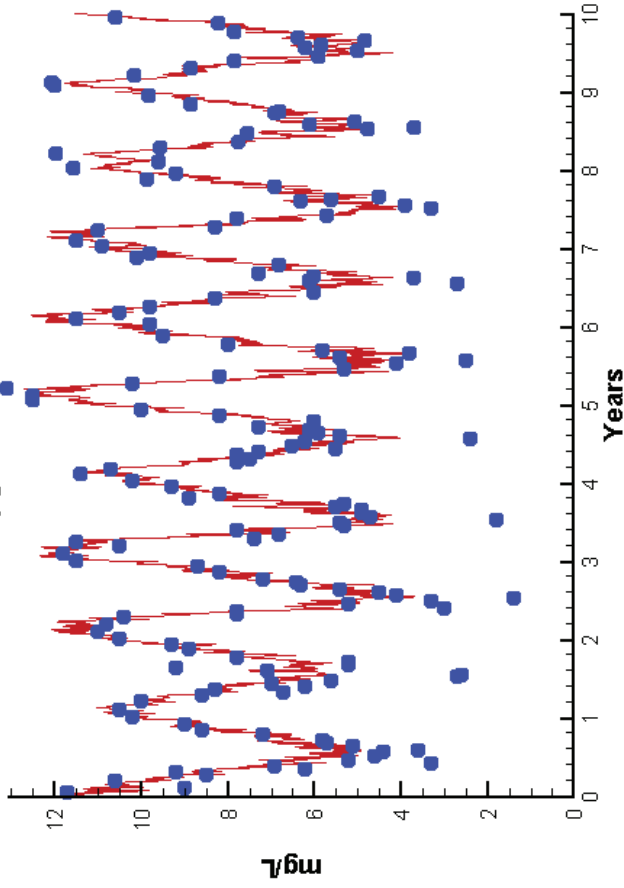
3.8128
0.0446
0.3525
0.0064
0.0136
0.2074

Station WE4.2

Run184 1991-2000
Dissolved Oxygen WE4.2 Surface



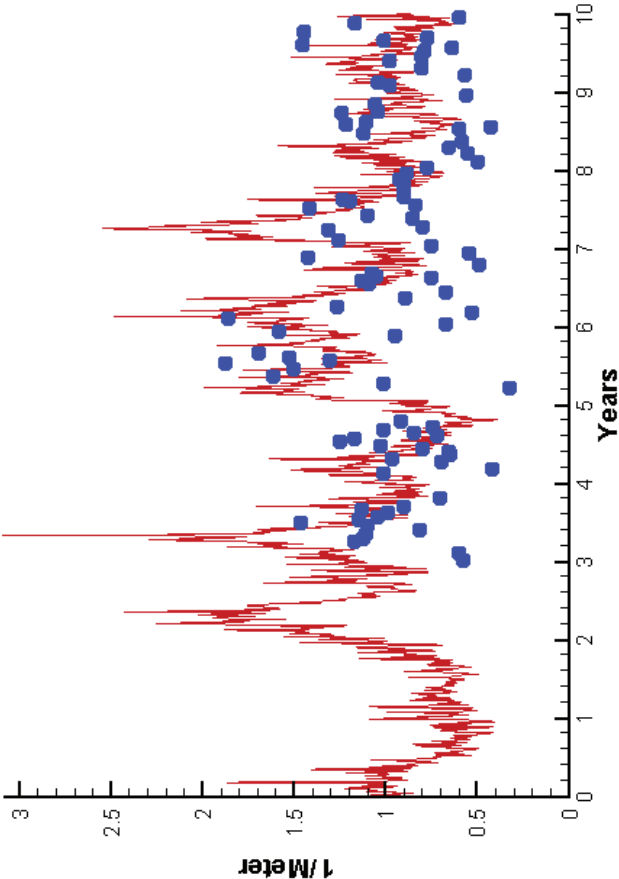
Run184 1991-2000
Dissolved Oxygen WE4.2 Bottom



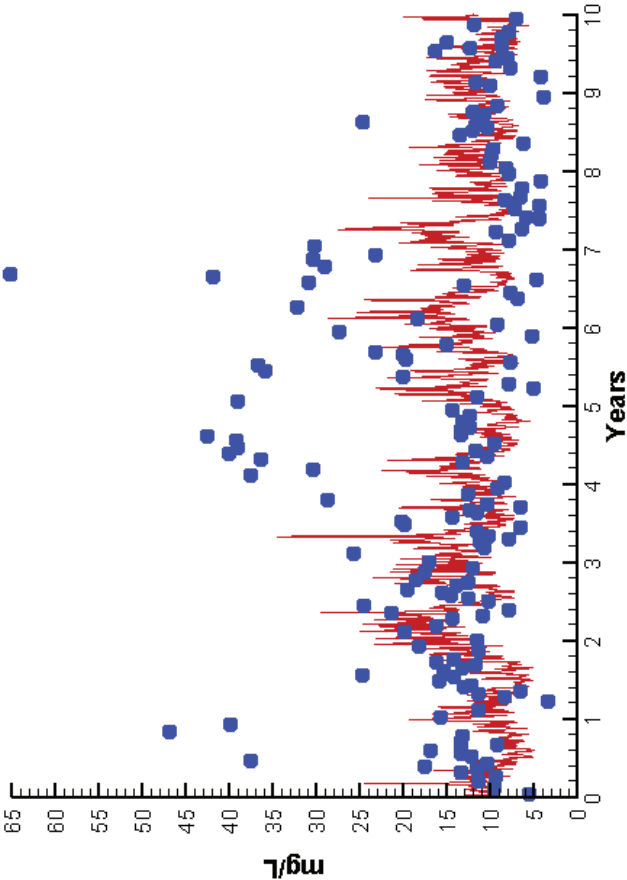
	Mean Difference	Absolute Mean Difference
Top DO	0.0779	0.7775
Bot DO	0.2088	0.7690

Station WE4.2

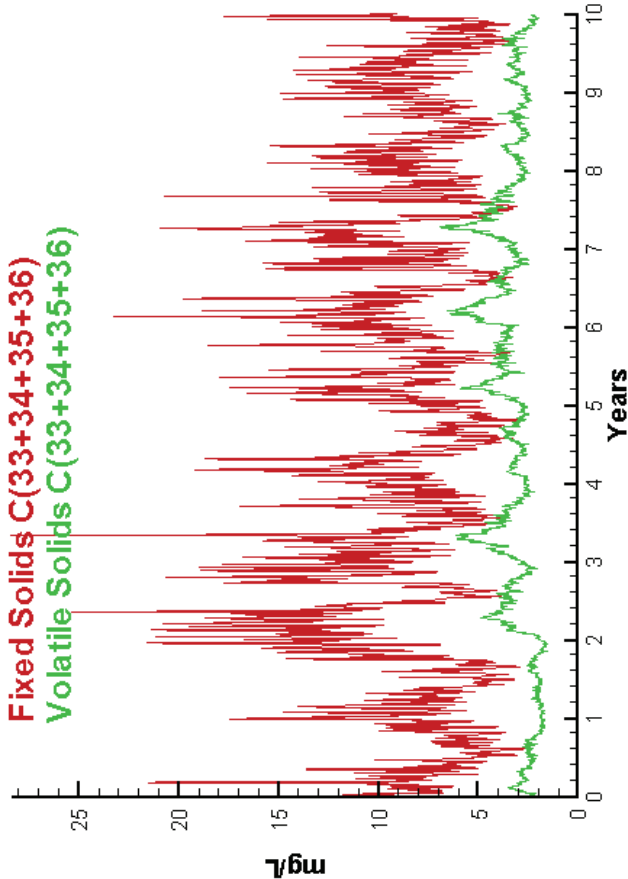
Run184 1991-2000
Light Extinction WE4.2 Surface



Run184 1991-2000
Total Solids WE4.2 Surface



Run184 1991-2000
Solids Surface



Mean Difference

0.1542
-4.2592

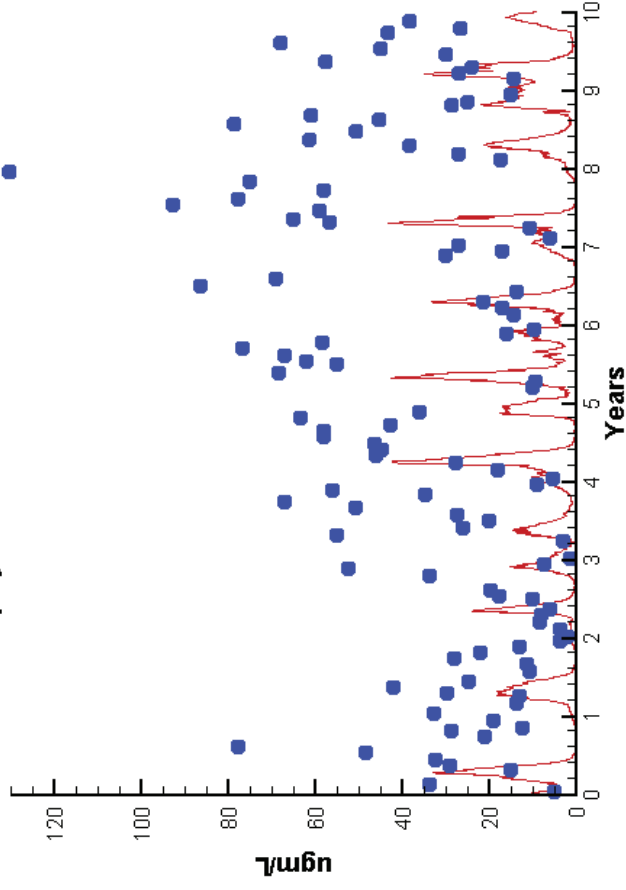
Absolute Mean Difference

0.3525
7.8305

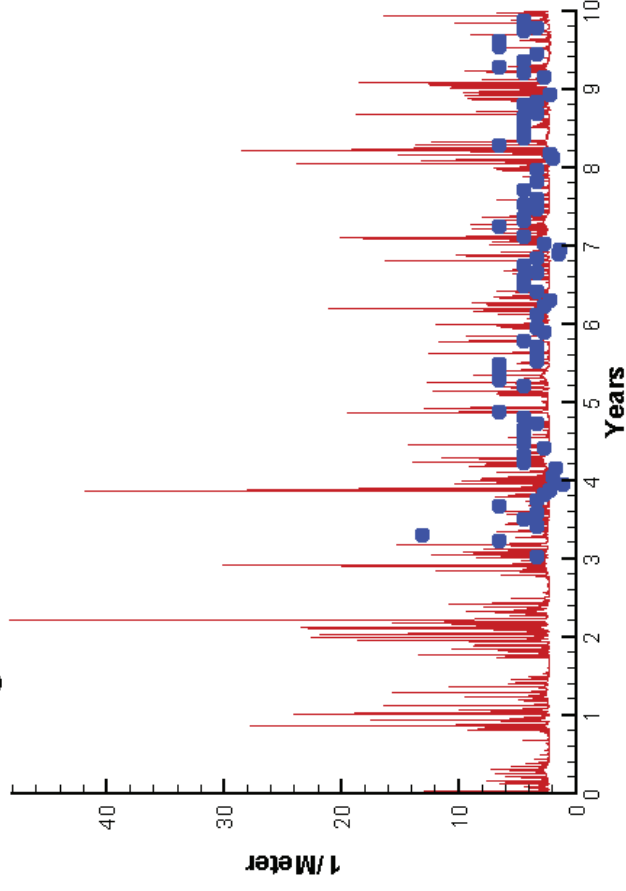
KE
TSS

Station WT1.1

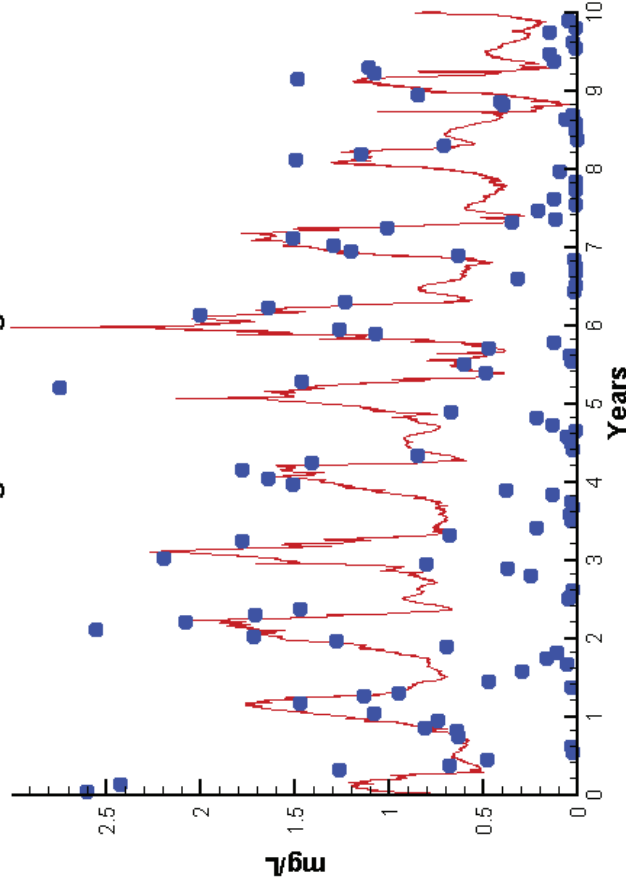
Run184 1991-2000
Chlorophyll WT1.1 Surface



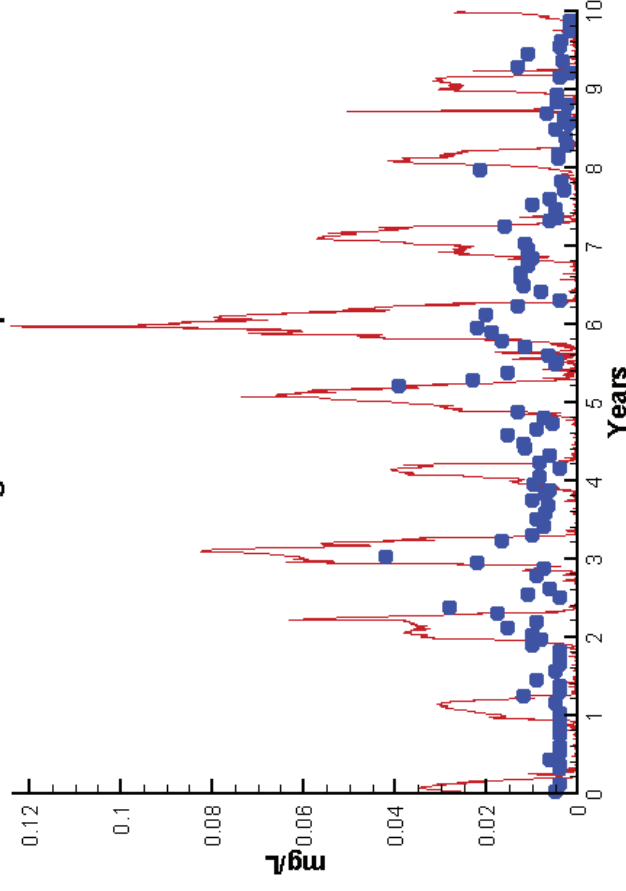
Run184 1991-2000
Light Extinction WT1.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen WT1.1 Surface

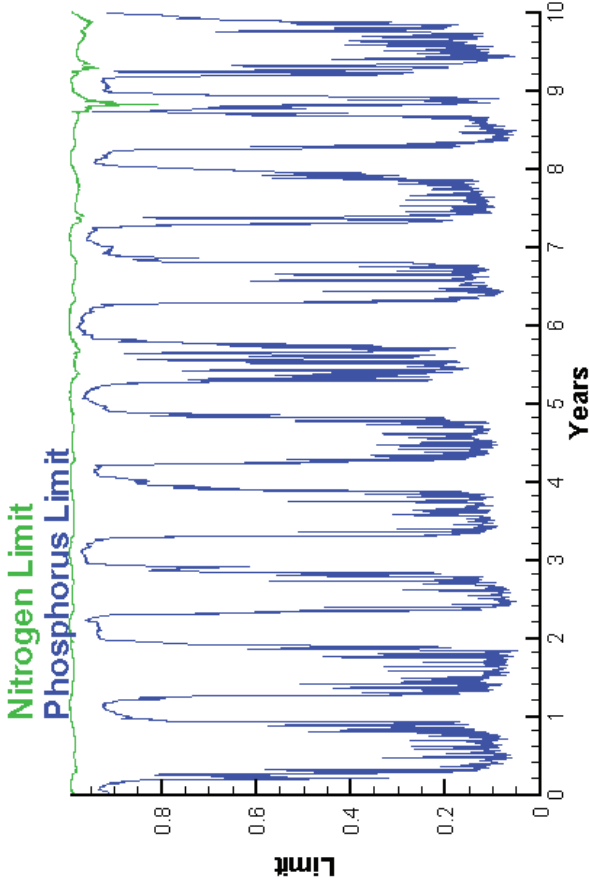


Run184 1991-2000
Dissolved Inorganic Phosphorus WT1.1 Surface

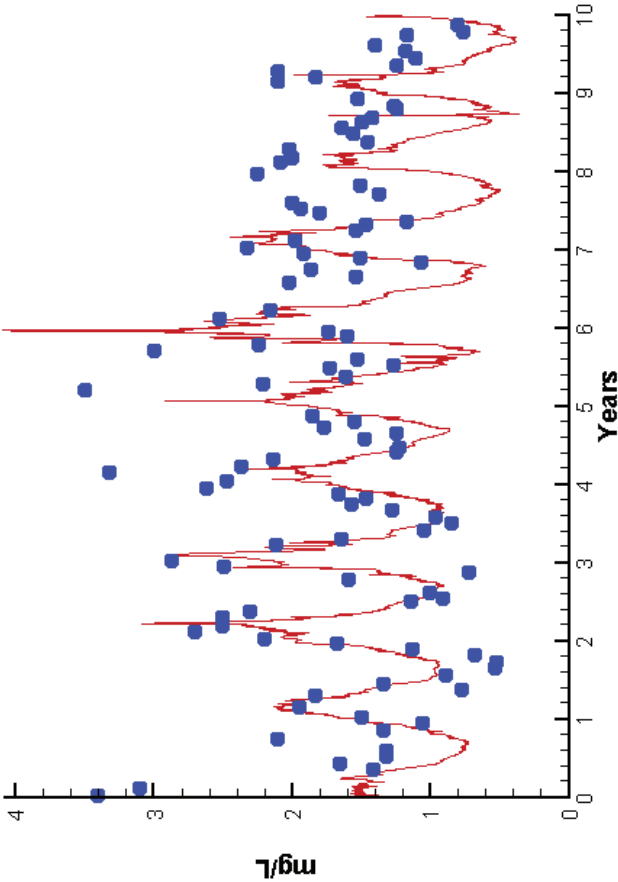


Station WT1.1

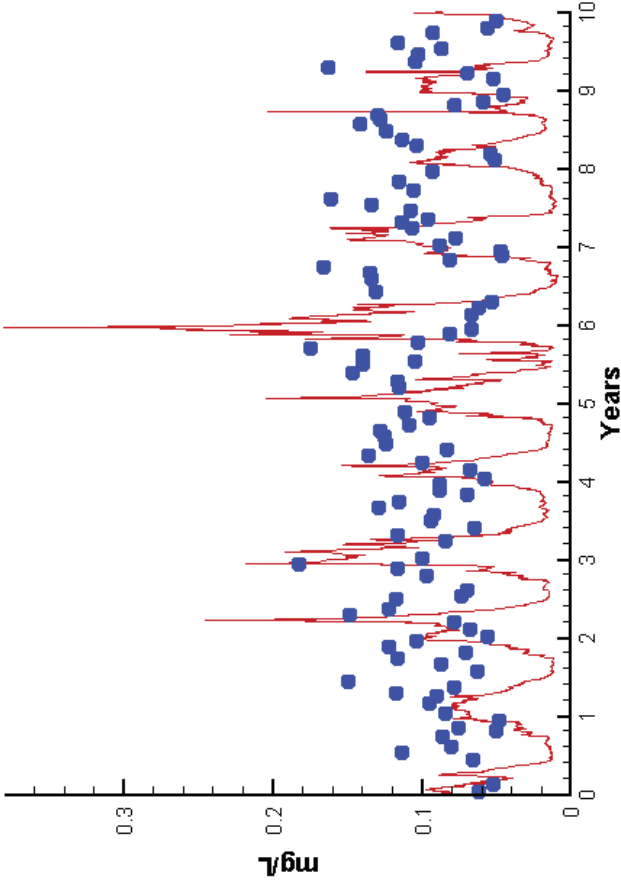
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen WT1.1 Surface



Run184 1991-2000
Total Phosphorus WT1.1 Surface



Mean Difference

Absolute Mean Difference

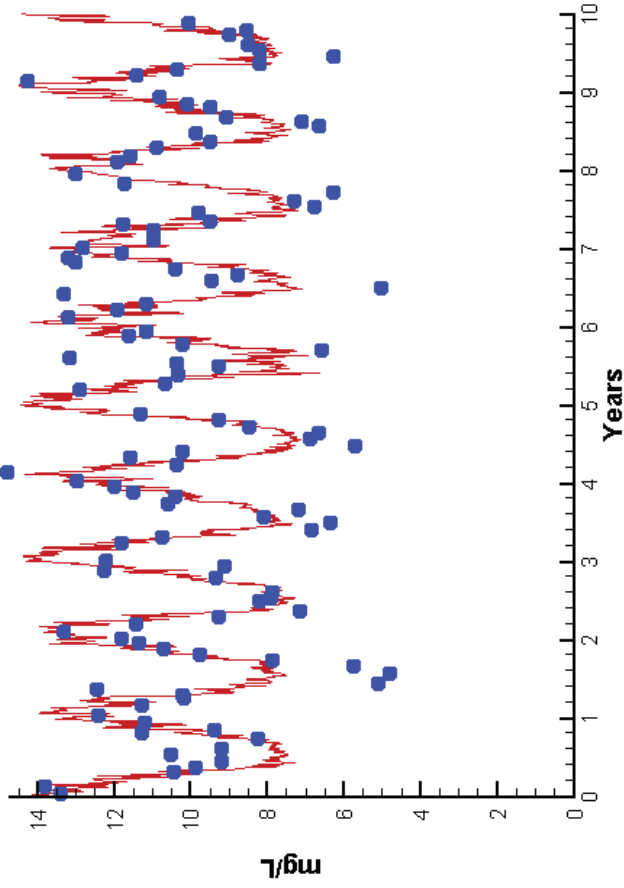
Chl
DIN
KE
DIP
TP
TN

-27.3921
0.1968
-0.6395
0.0016
-0.0452
-0.4232

28.9620
0.4780
2.2198
0.0103
0.0640
0.5645

Station WT1.1

Run184 1991-2000
Dissolved Oxygen WT1.1 Surface



Mean Difference

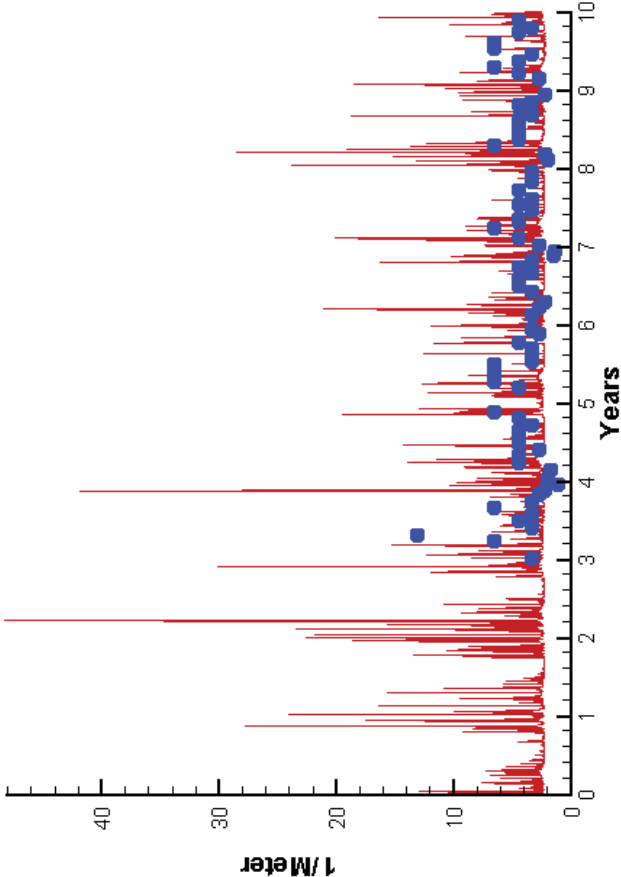
Top DO -0.0215

Absolute Mean Difference

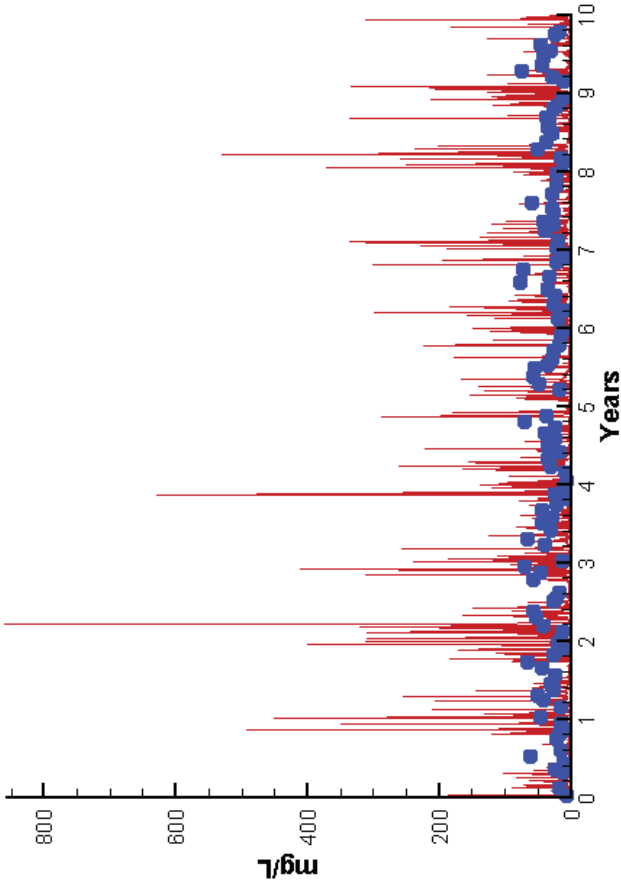
1.1817

Station WT1.1

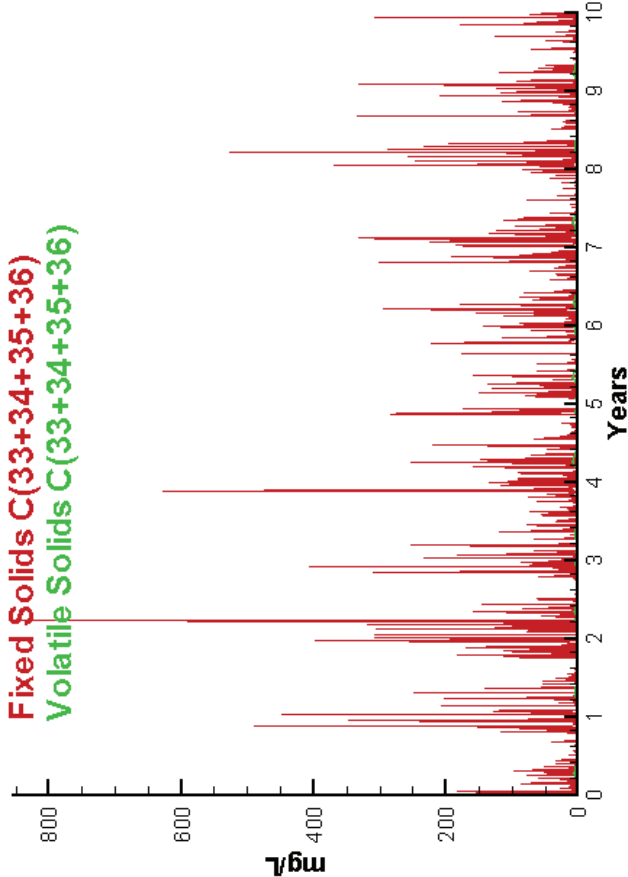
Run184 1991-2000
Light Extinction WT1.1 Surface



Run184 1991-2000
Total Solids WT1.1 Surface



Run184 1991-2000
Solids Surface



Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)

Mean Difference

Absolute Mean Difference

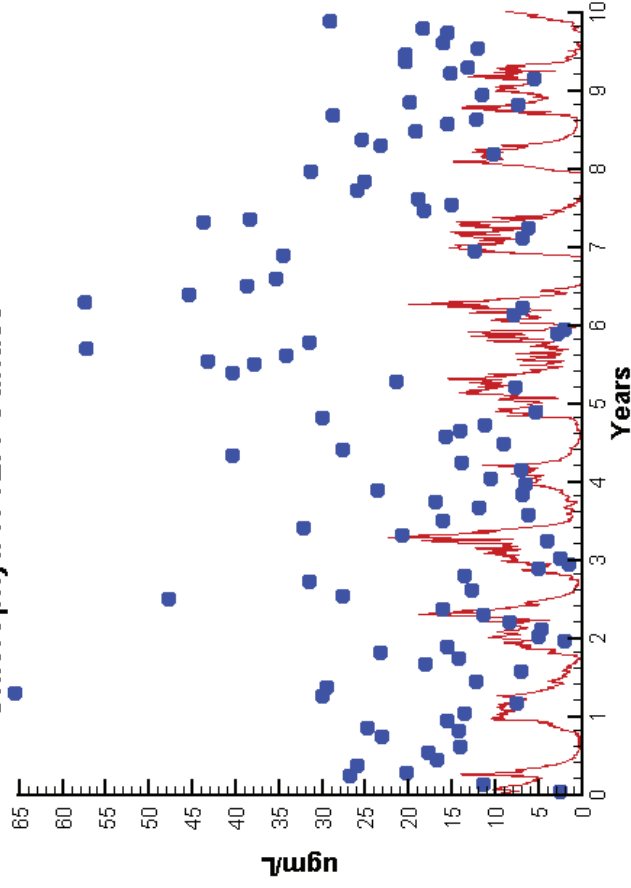
KE
TSS

-0.6395
-5.4755

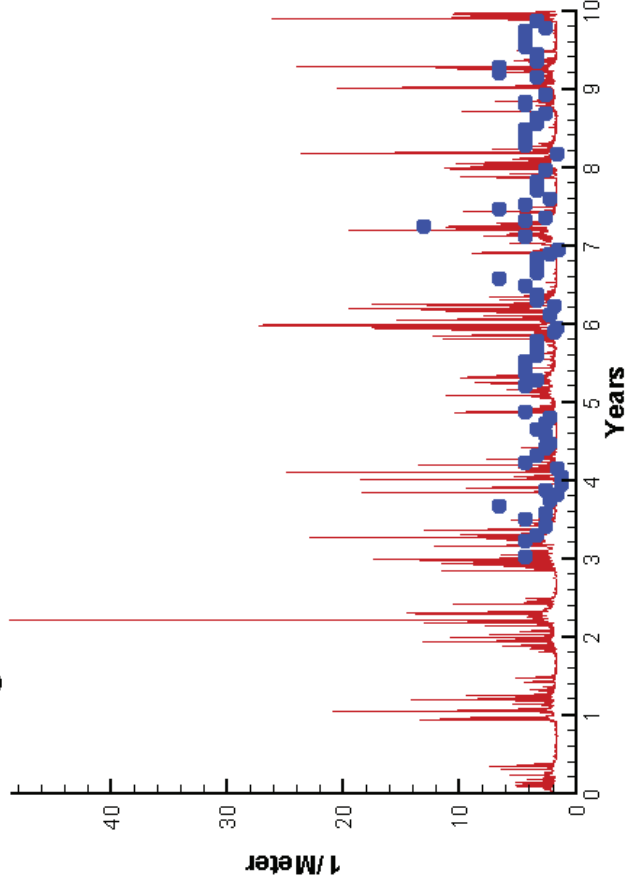
2.2198
36.0738

Station WT2.1

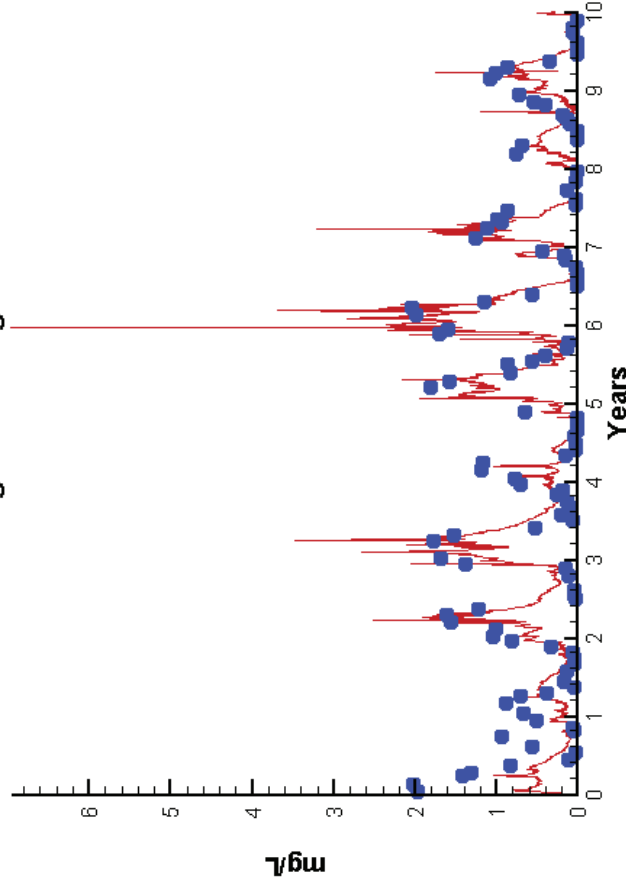
Run184 1991-2000
Chlorophyll WT2.1 Surface



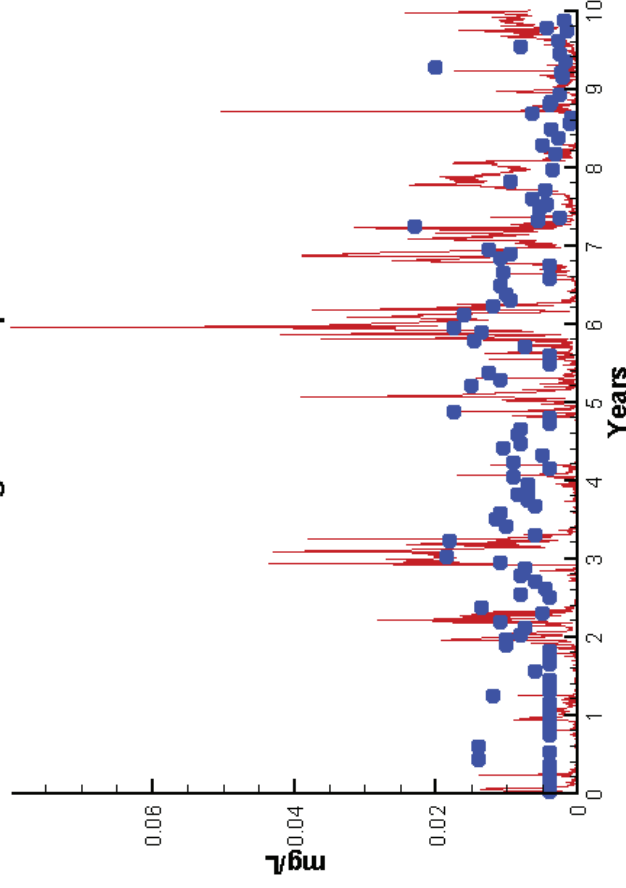
Run184 1991-2000
Light Extinction WT2.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen WT2.1 Surface

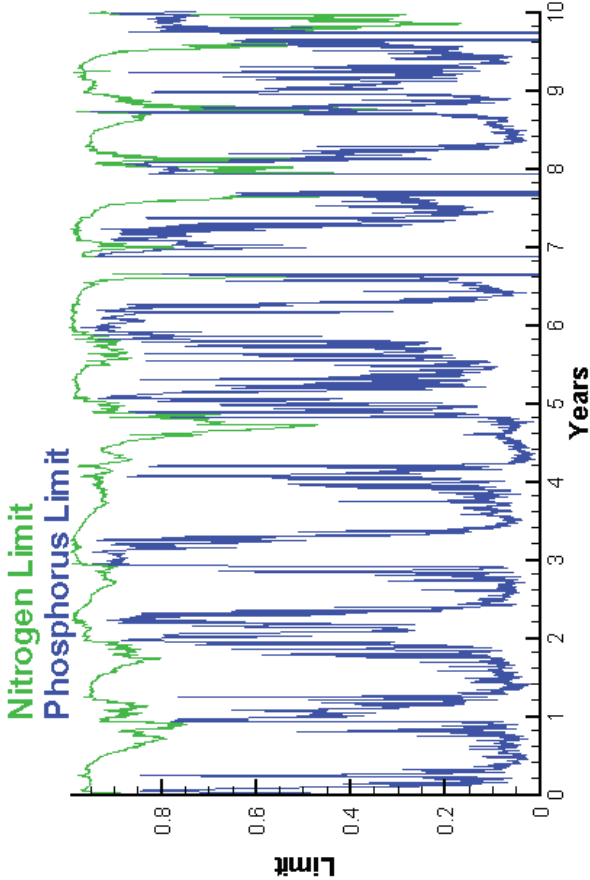


Run184 1991-2000
Dissolved Inorganic Phosphorus WT2.1 Surface

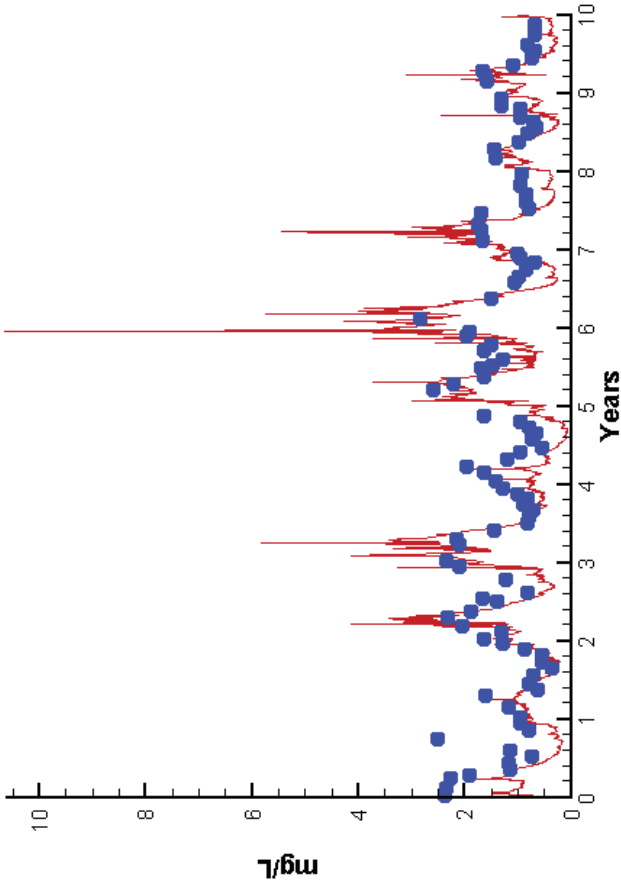


Station WT2.1

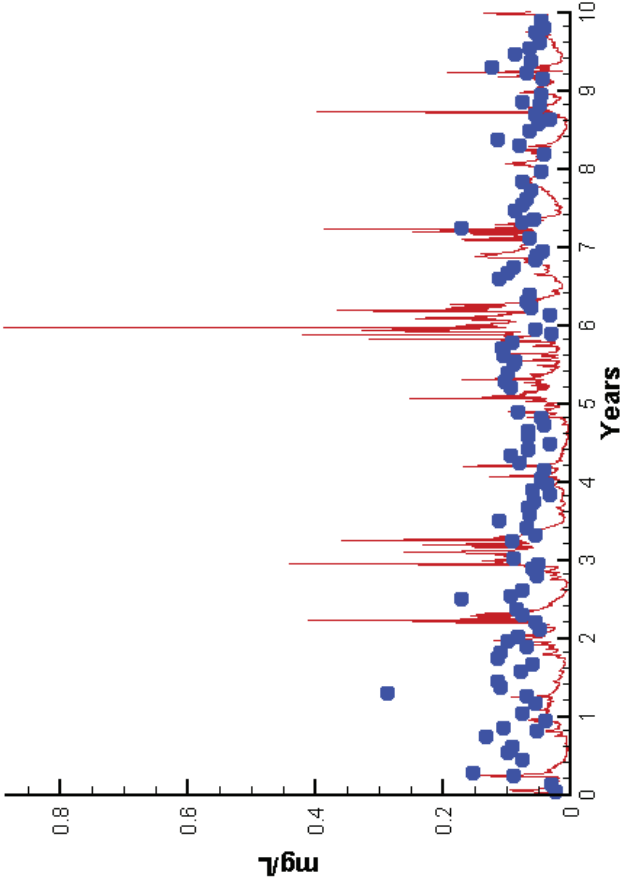
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen WT2.1 Surface



Run184 1991-2000
Total Phosphorus WT2.1 Surface



Mean Difference

Absolute Mean Difference

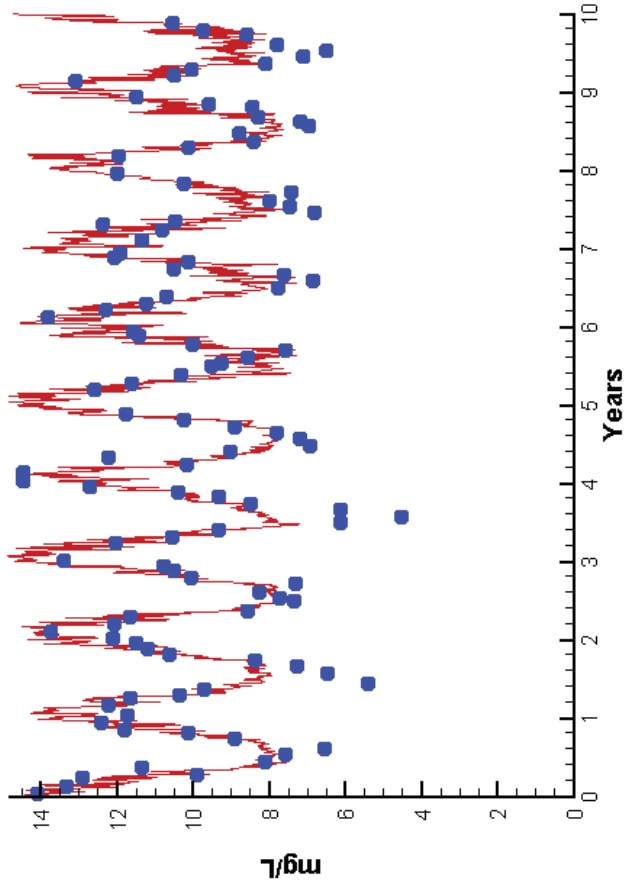
Chl
DIN
KE
DIP
TP
TN

-14.4454
-0.1164
-0.8313
-0.0037
-0.0330
-0.3479

16.0897
0.2884
1.8526
0.0057
0.0487
0.4535

Station WT2.1

Run184 1991-2000
Dissolved Oxygen WT2.1 Surface



Mean Difference

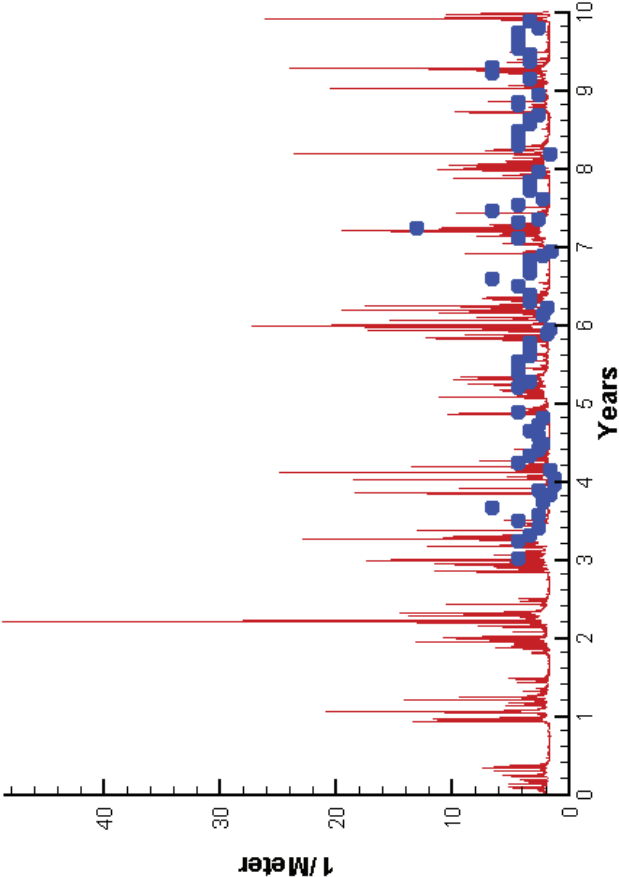
Top DO 0.3929

Absolute Mean Difference

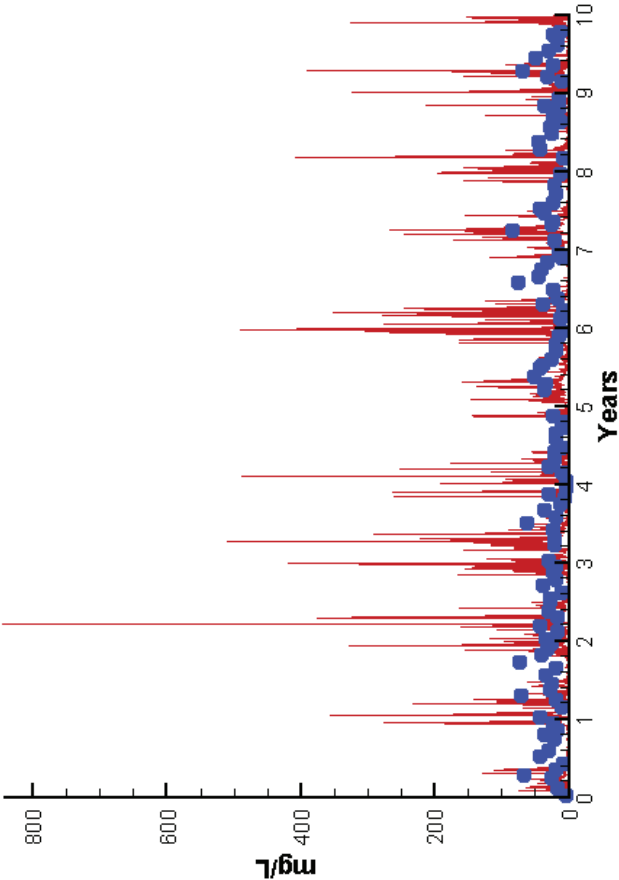
0.9366

Station WT2.1

Run184 1991-2000
Light Extinction WT2.1 Surface

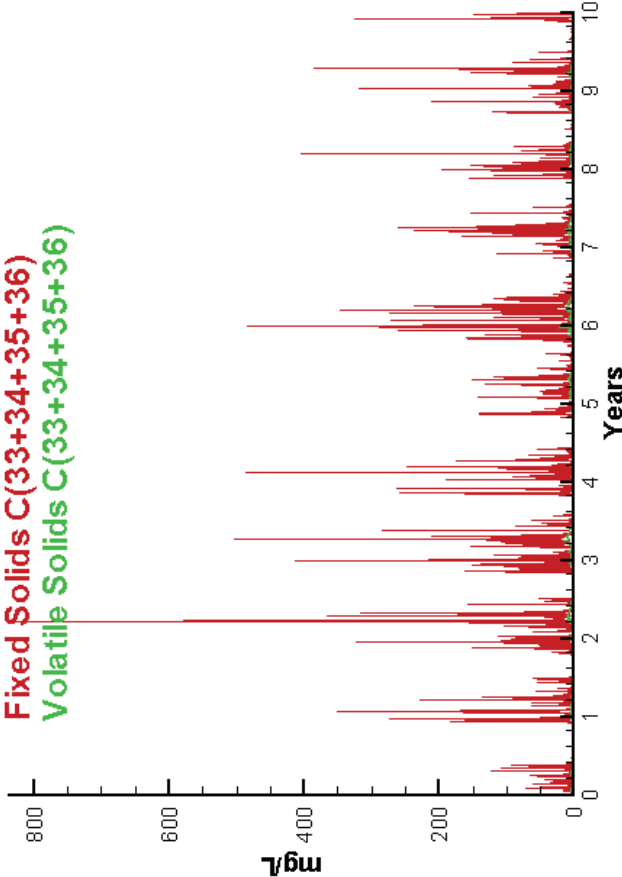


Run184 1991-2000
Total Solids WT2.1 Surface



Run184 1991-2000
Solids Surface

Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)



Mean Difference

Absolute Mean Difference

KE

-0.8313

1.8526

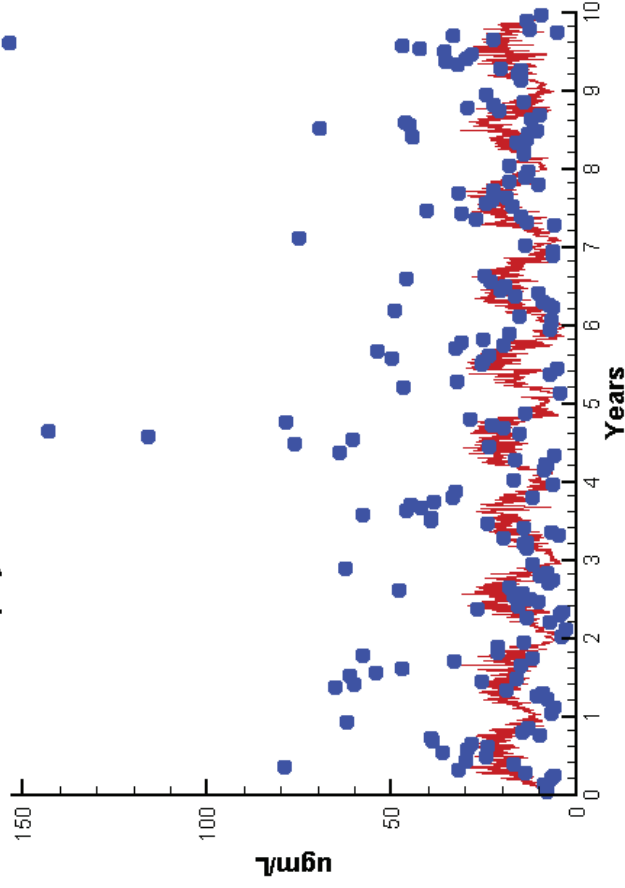
TSS

-6.2921

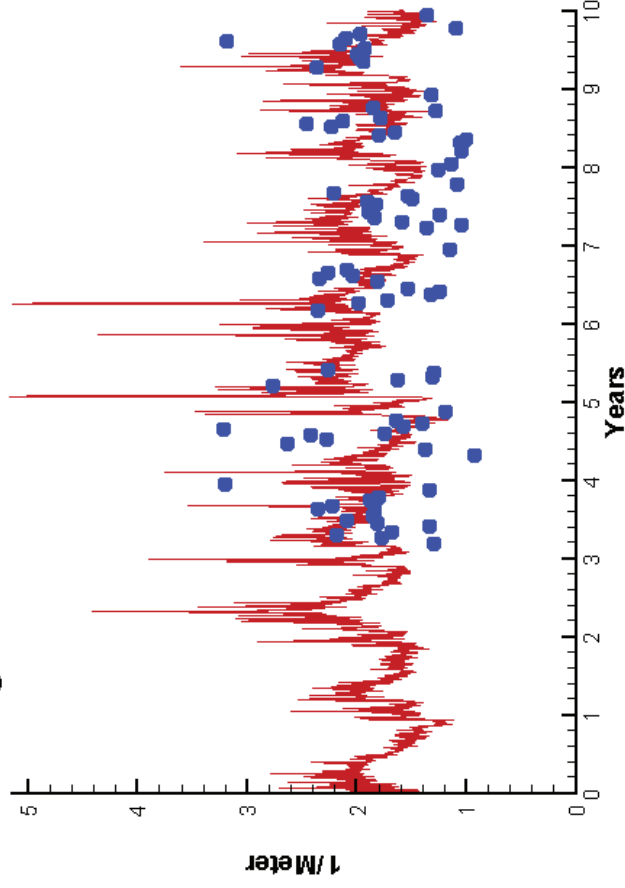
29.0264

Station WT5.1

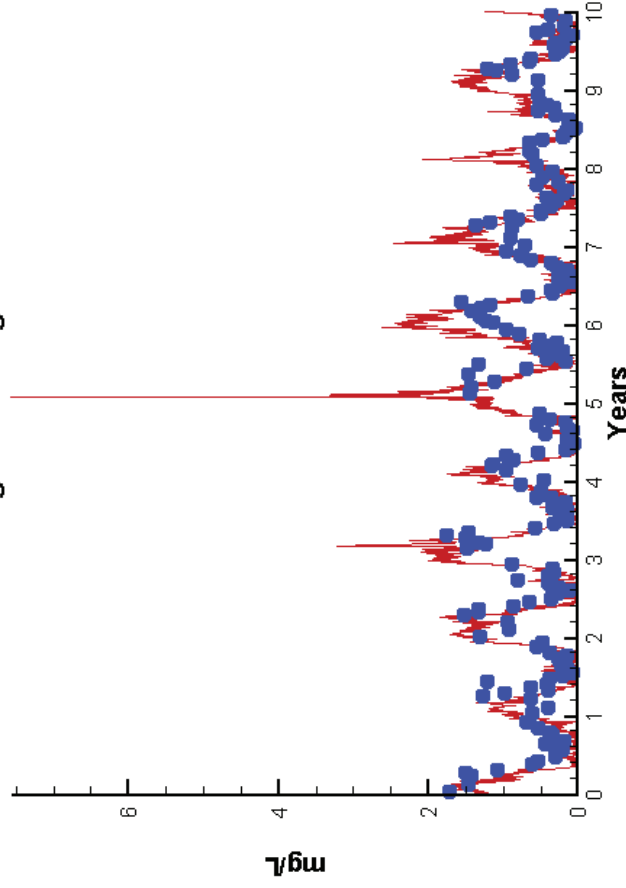
Run184 1991-2000
Chlorophyll WT5.1 Surface



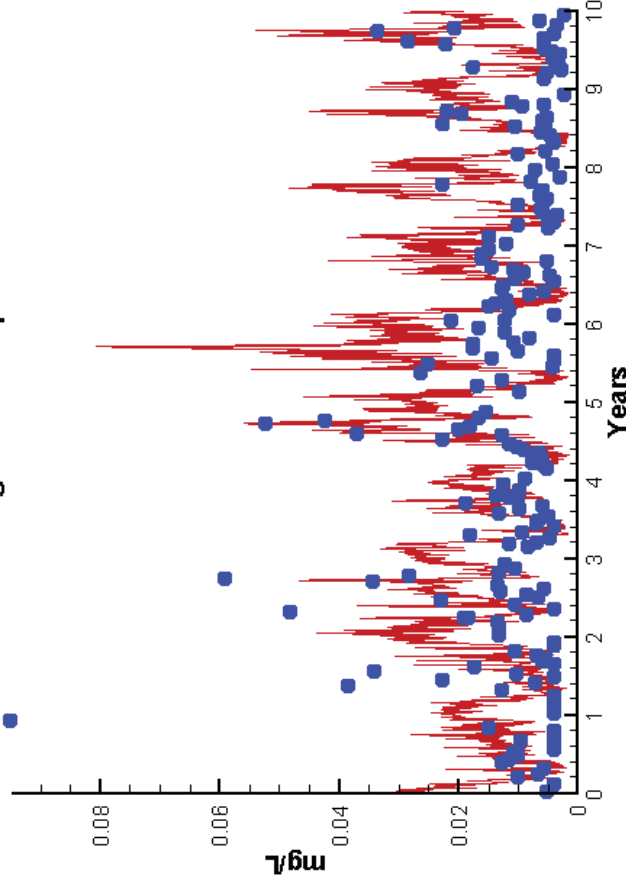
Run184 1991-2000
Light Extinction WT5.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen WT5.1 Surface

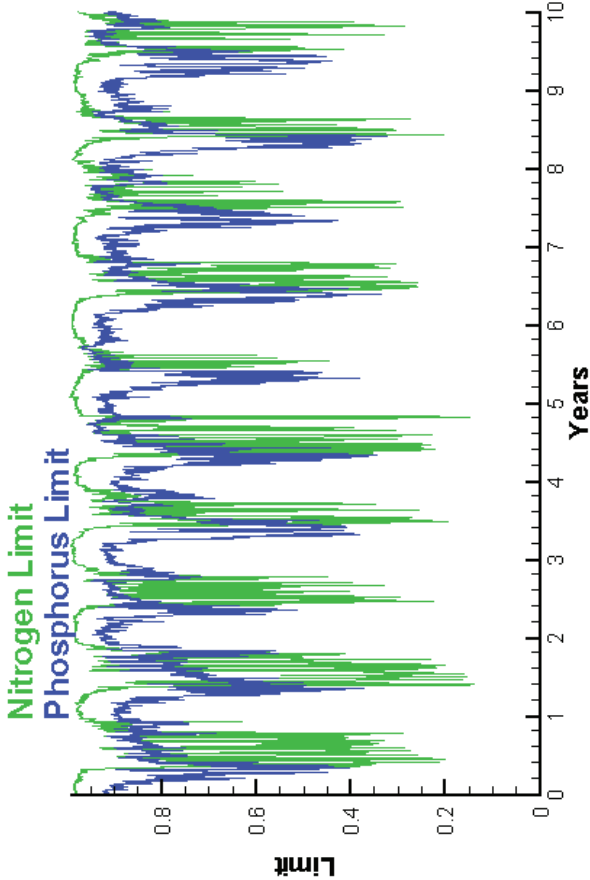


Run184 1991-2000
Dissolved Inorganic Phosphorus WT5.1 Surface

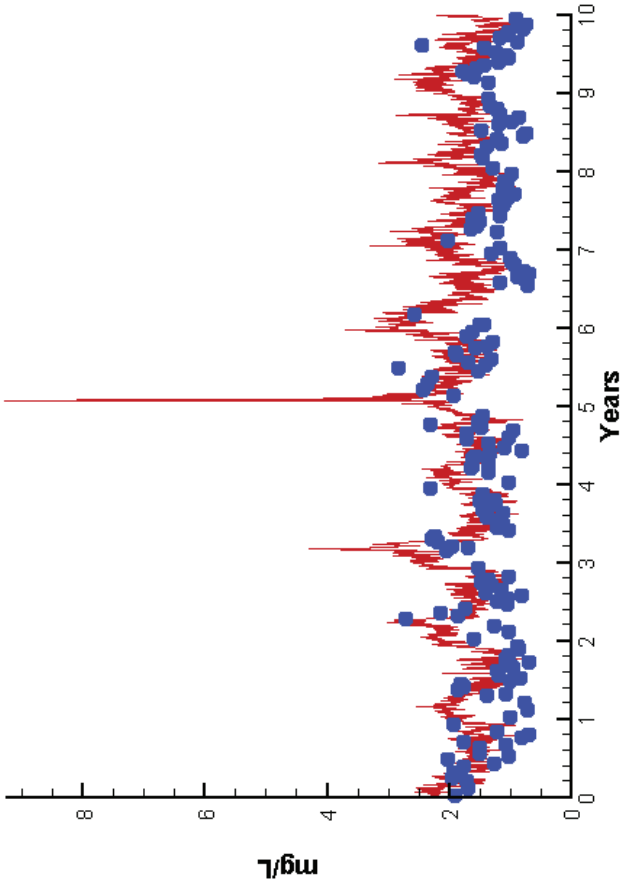


Station WT5.1

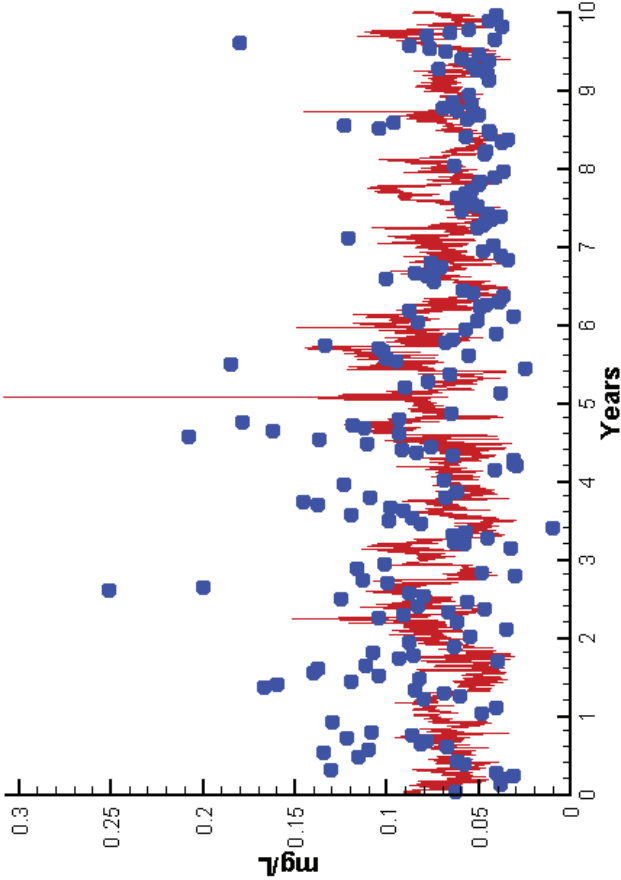
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen WT5.1 Surface



Run184 1991-2000
Total Phosphorus WT5.1 Surface



Mean Difference

Absolute Mean Difference

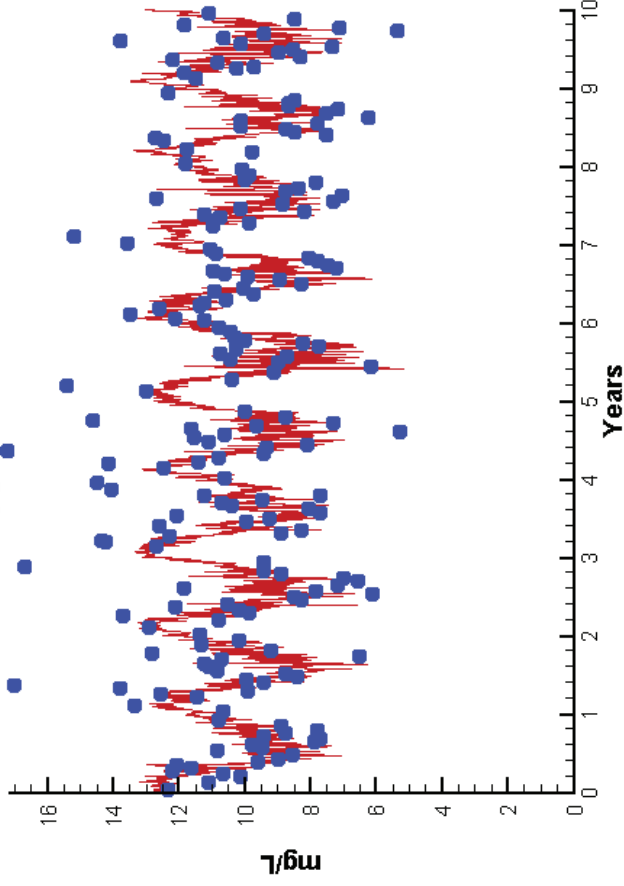
Chl
DIN
KE
DIP
TP
TN

-8.5306
-0.0507
0.1752
0.0047
-0.0081
0.3502

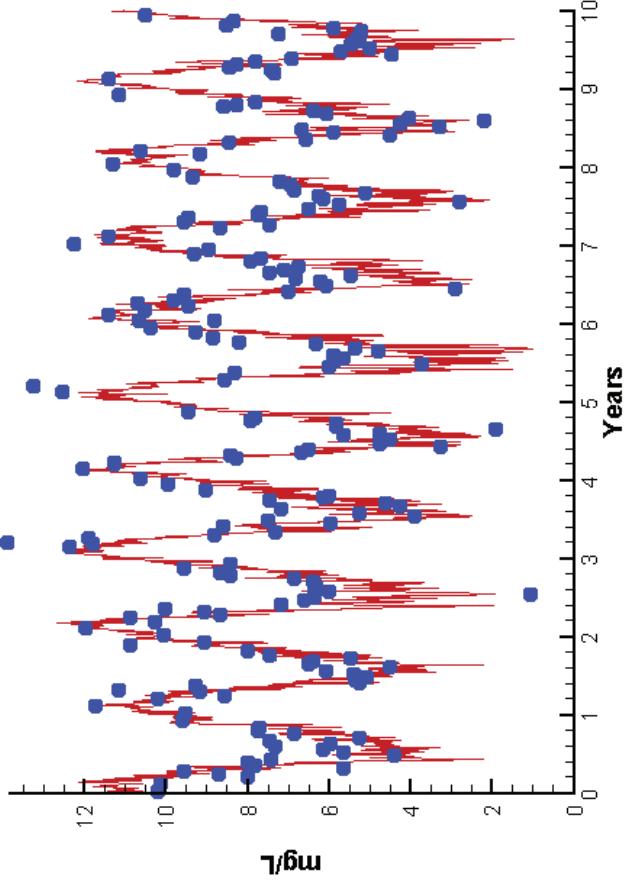
14.6100
0.2984
0.5244
0.0104
0.0301
0.4887

Station WT5.1

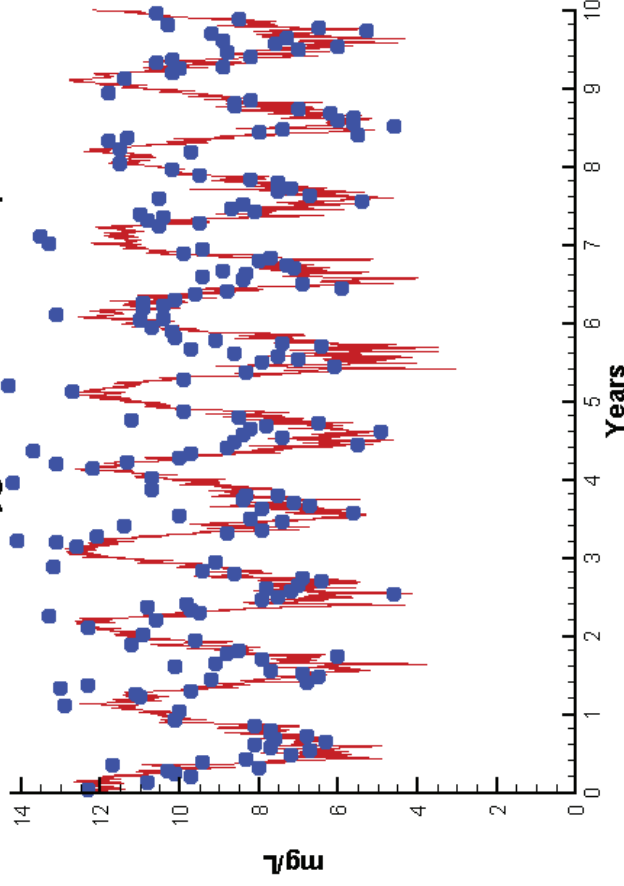
Run184 1991-2000
Dissolved Oxygen WT5.1 Surface



Run184 1991-2000
Dissolved Oxygen WT5.1 Bottom



Run184 1991-2000
Dissolved Oxygen WT5.1 Mid-Depth



Mean Difference

Absolute Mean Difference

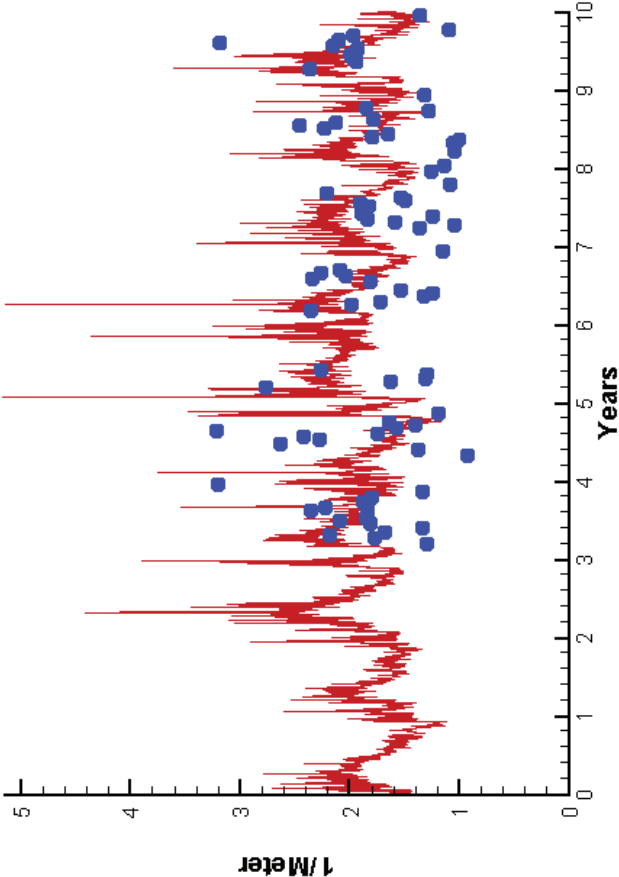
Top DO
Mid DO
Bot DO

-0.1332
-0.6988
-0.7368

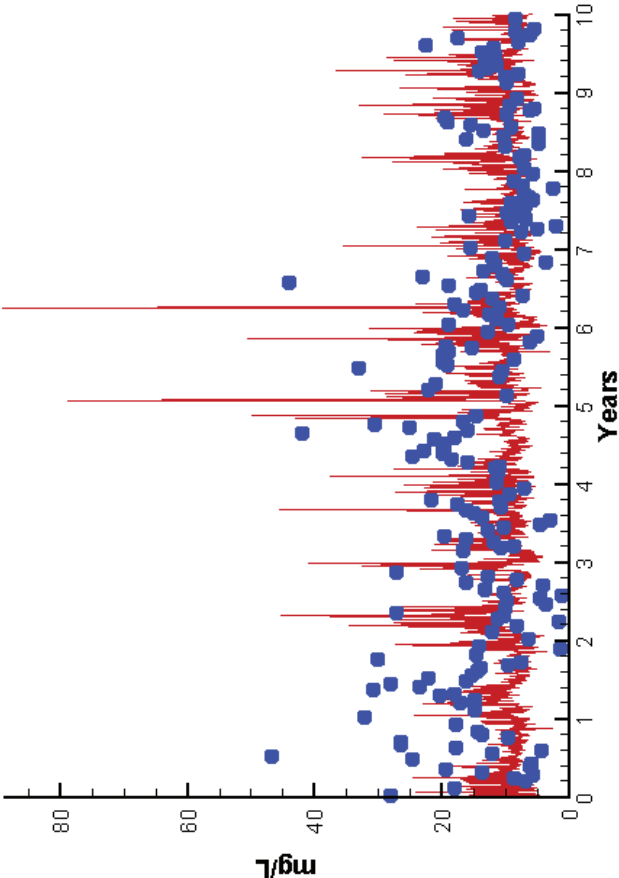
1.4223
1.2947
1.2511

Station WT5.1

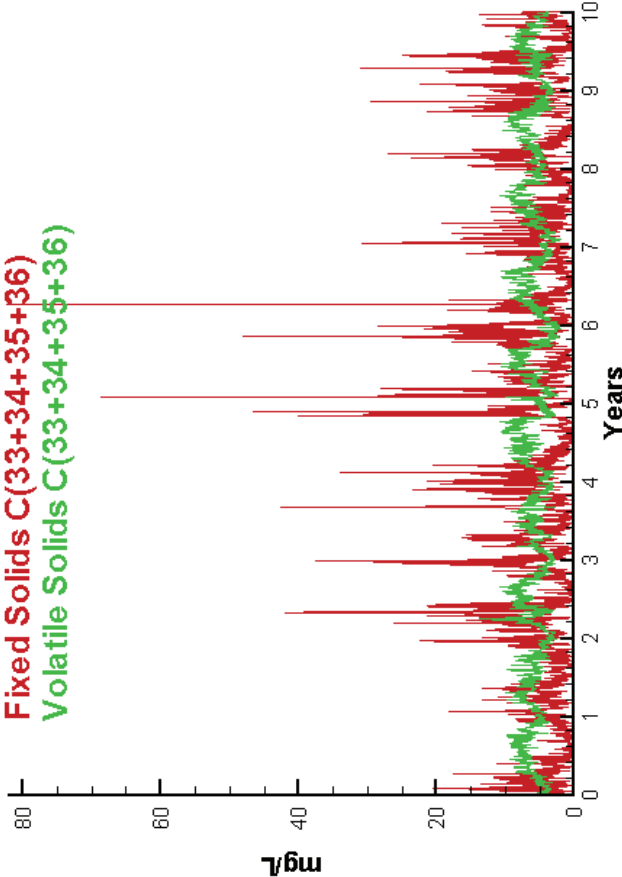
Run184 1991-2000
Light Extinction WT5.1 Surface



Run184 1991-2000
Total Solids WT5.1 Surface



Run184 1991-2000
Solids Surface



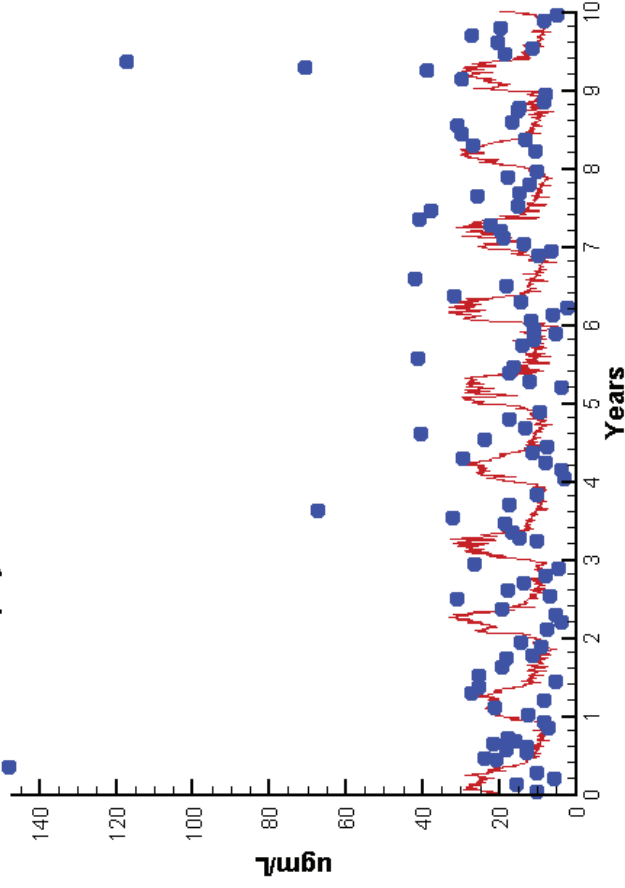
Mean Difference Absolute Mean Difference

KE 0.1752
TSS -3.4136

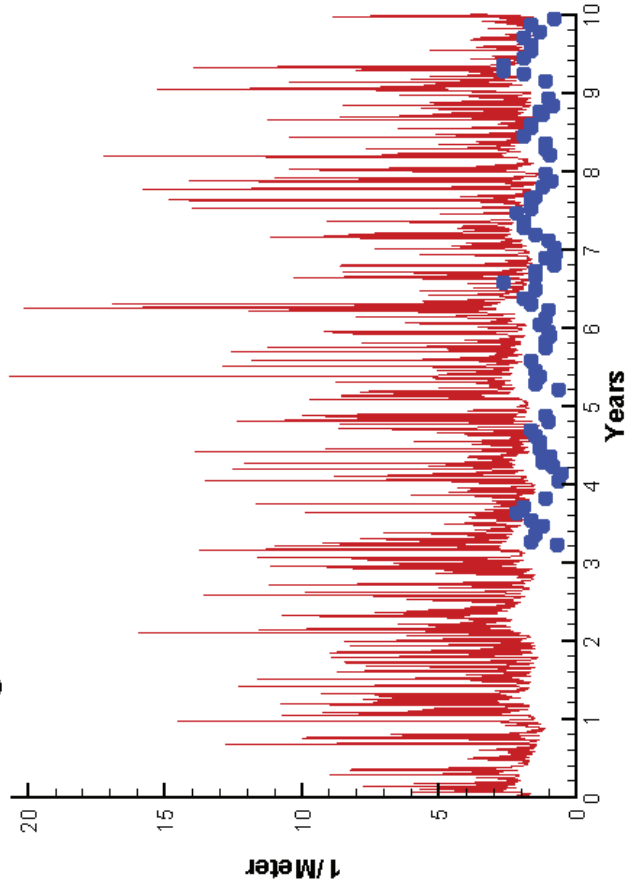
0.5244
7.1278

Station WT8.1

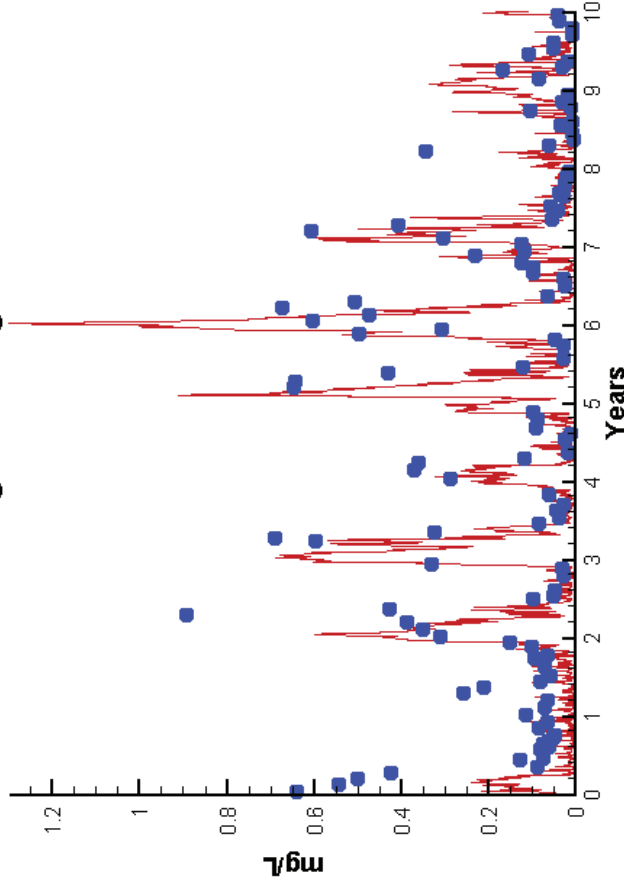
Run184 1991-2000
Chlorophyll WT8.1 Surface



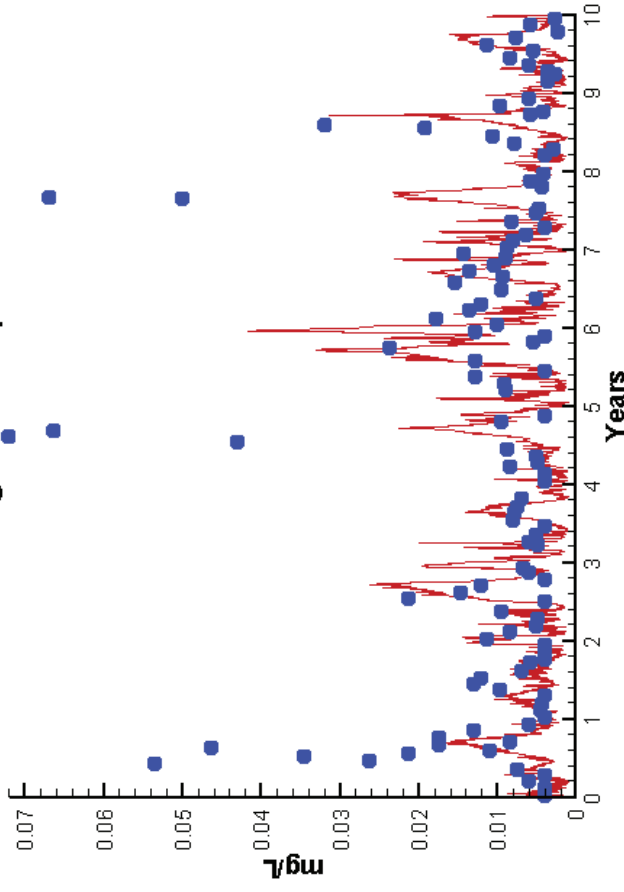
Run184 1991-2000
Light Extinction WT8.1 Surface



Run184 1991-2000
Dissolved Inorganic Nitrogen WT8.1 Surface

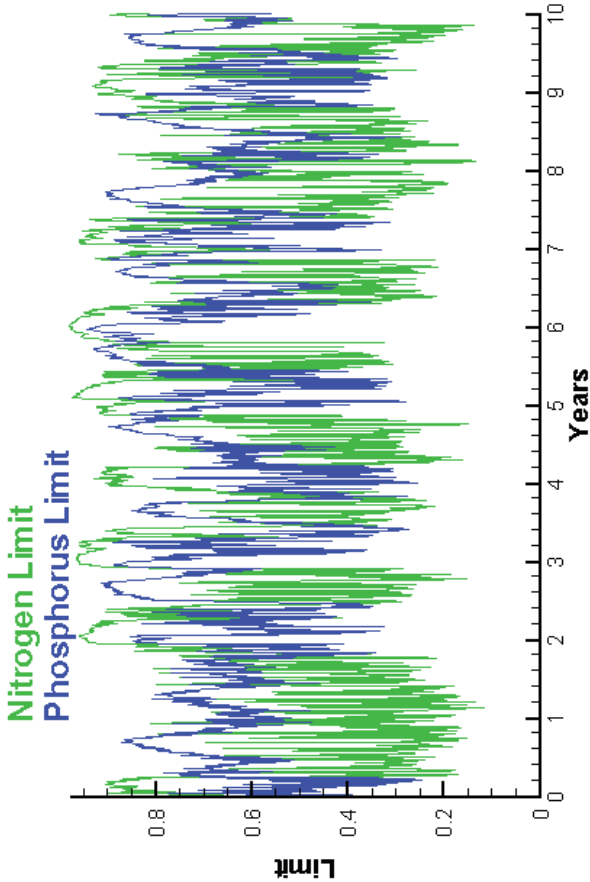


Run184 1991-2000
Dissolved Inorganic Phosphorus WT8.1 Surface

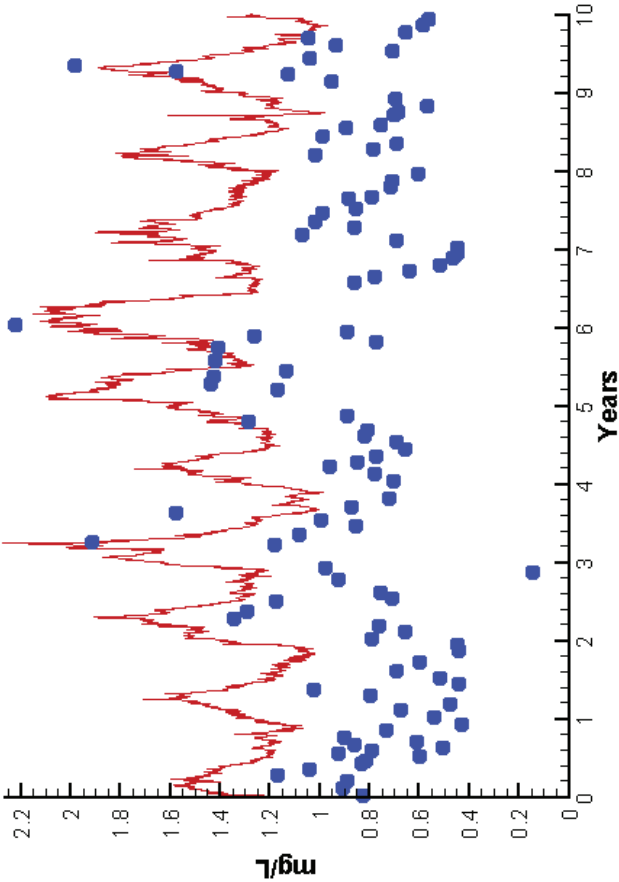


Station WT8.1

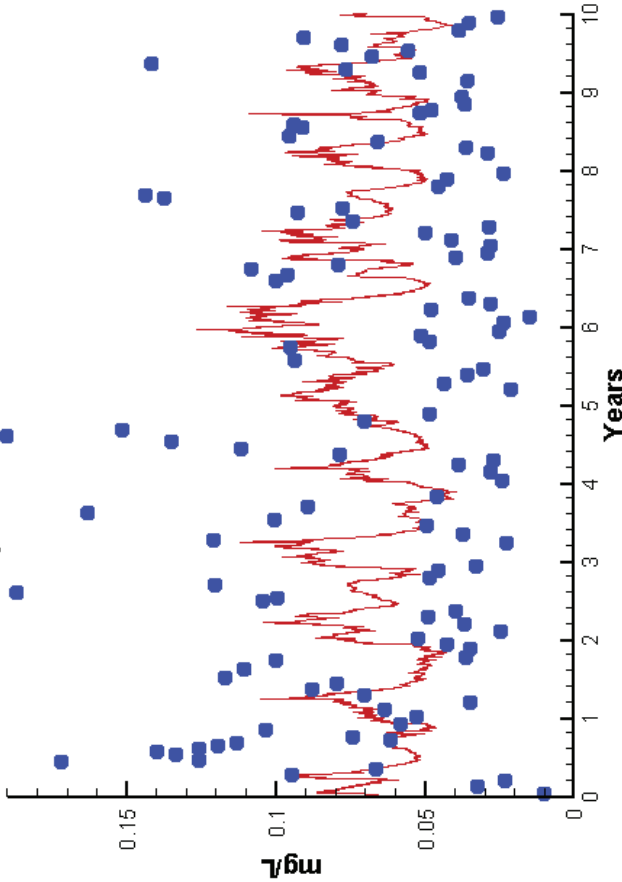
Run184 1991-2000
Algal Limits



Run184 1991-2000
Total Nitrogen WT8.1 Surface



Run184 1991-2000
Total Phosphorus WT8.1 Surface



Mean Difference

Absolute Mean Difference

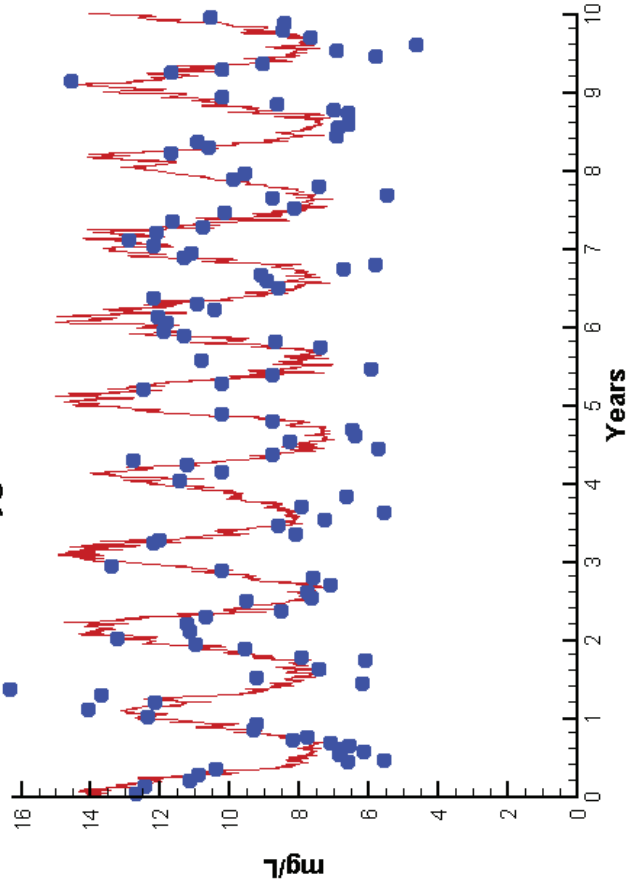
Chl
DIN
KE
DIP
TP
TN

-3.9984
-0.0718
2.0012
-0.0041
-0.0013
0.5120

12.8356
0.1094
2.0256
0.0072
0.0390
0.5358

Station WT8.1

Run184 1991-2000
Dissolved Oxygen WT8.1 Surface



Mean Difference

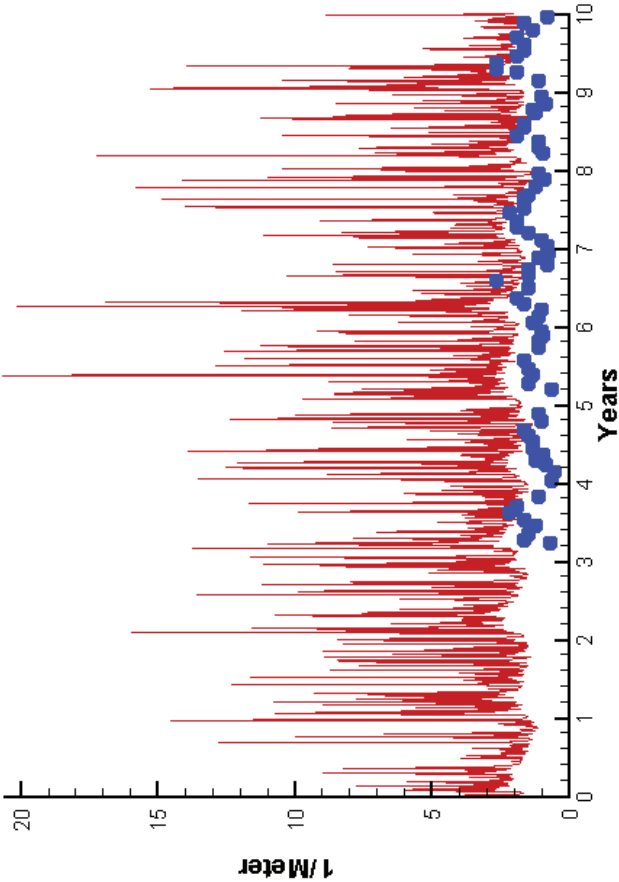
Top DO 0.6073

Absolute Mean Difference

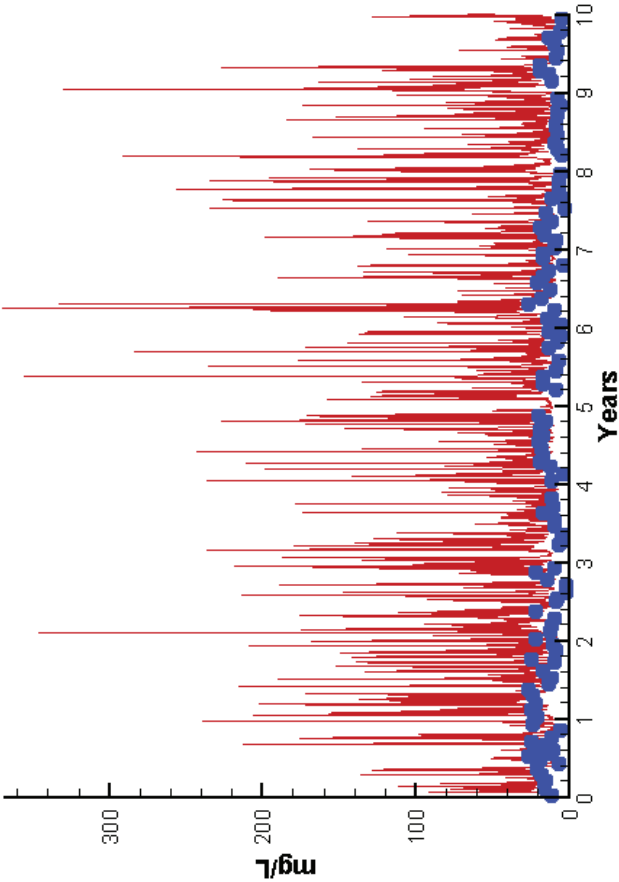
1.4266

Station WT8.1

Run184 1991-2000
Light Extinction WT8.1 Surface

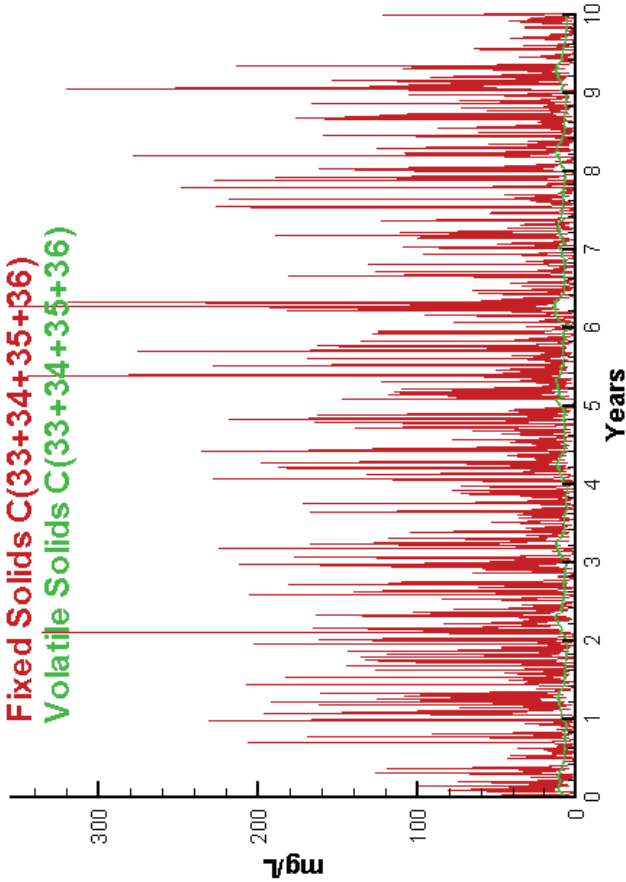


Run184 1991-2000
Total Solids WT8.1 Surface



Run184 1991-2000
Solids Surface

Fixed Solids C(33+34+35+36)
Volatile Solids C(33+34+35+36)



Mean Difference

Absolute Mean Difference

KE

2.0012

2.0256

TSS

25.0894

27.4221