

Sample Device Files for ECOView 1.16

Fluorometers

All values for device files can be obtained from the characterization sheet for your meter. These include the scale factor, clean water offset, max voltage, and ASV1, 2, and 4. Information is tab-delimited.

```
ECO FL-001 Device File  
Created on: 01/23/03
```

```
iengrunits=µg/l  
iengrscaleoffset=4
```

```
: LSS=NTU  
: iengrunits = µg/l for CHL, PC, PE. ppb for CDOM and uranine.  
: column 4 = input scale factor and offset.
```

```
maxvoltage=4.98  
asv1=6.5  
asv2=12.4  
asv4=26.5
```

```
COLUMNS=5  
DATE=1  
TIME=2  
N/U=3  
chl=4    0.0089 85.0  
N/U=5
```

Below is the processed device file, which contains a column for displaying the meter's output in $\mu\text{g}/\text{l}$ chlorophyll: load the appropriate device file and use the Turn Engr Output ON toggle button in the FL-Setup tab to activate this feature.

ECO FL-001

Created on: 01/23/03

iengrunits= $\mu\text{g}/\text{l}$

iengrscaleoffset=5

: LSS=NTU

: iengrunits = $\mu\text{g}/\text{l}$ for CHL, PC, PE. ppb for CDOM and uranine.

: column 5 = input scale factor and offset.

maxvoltage=4.98

asv1=6.5

asv2=12.4

asv4=26.5

: Has internal CHL in meter output

COLUMNS=6

DATE=1

TIME=2

IENGR=3

REF=4

chl=5 0.0085 6.0

N/U=6

Combination Meters

ECO FLNTUSB-085

Created on: 11/25/03

COLUMNS=7

DATE=1

TIME=2

CHLREF=3

CHL=4 0.0127 59

NTUREF=5

NTU=6 0.006 102

N/U=7

ECO BB2F-067

Created on: 7/28/03

Columns=8

Date=1

Time=2

REF=3

Lambda=4 2.086e-05 70.2667 470 470

REF=5

Lambda=6 3.315e-06 91.0 700 700

CHL=7 0.0165029 60.0

N/U=8

Scattering Meters

All values for device files can be obtained from the calibration sheet for your meter. These include the scale factor, clean water offset, and wavelength(s). Information is tab-delimited.

ECO BBRT-055R

Created on: 10/03/03

Columns=5

N/U=1

N/U=2

REF=3

Lambda=4	3.54e-06	67.1	660	660
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N/U=5

ECO BB3-999

Created on: 9/20/02

Columns=9

Date=1

Time=2

ref=3

Lambda=4	0.0026	51.0	470	470
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ref=5

Lambda=6	0.0011	55.5	530	530
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ref=7

Lambda=8	0.0019	55.5	650	650
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N/U=9

ECO VSF-059g

Created on: 10/30/03

Columns=7

Date=1

Time=2

ref=3

vsf100=4	1.36E-03	73
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vsf125=5	1.46E-03	86
----------	----------	----

vsf150=6	1.39E-03	103
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N/U=7
