

## AQUALogger Manufacturer Format

The AQUALogger Manufacturer Format file is the raw form of data produced by the Aquatec AQUALogger Turbidity meters.

[Oceans 2.0 API filter](#): dataProductCode=AQUALMF

### Formats

#### CSV (Comma Separated Variables)

CSV-formatted data files can be opened with [Microsoft Excel](#), [Ocean Data View](#), [R](#), [SPSS](#), [Minitab](#), [Matlab](#), text editors or any other software capable of reading delimited text files.

The file includes a few lines for the the header section, followed by the data entries. The header includes the file name, instrument type, regime information and, for each logger channels, the calibration coefficients, averaging information and gain mode, followed by the start and stop times, the heading and units. The first data entry is preceded by BURSTSTART and subsequent data entry is preceded by DATA.

[Oceans 2.0 API filter](#): extension=csv

#### Example:

```
FILE      g:\My Drive\4-instruments\aquatec\2018-07-03 data downloads\SN24-029\2018-07-03 24-129 data upload.
csv
VERSION      4
LOGGER TYPE   AQUAlogger 210TYPT
Logger
LOGGER      24-29
Barkley_Upper_2017
REGIME TITLE      Mode      Interval      Samples Per Burst      Sample Rate      Samples Per
Average
REGIME      Continuous Mode      5 minutes      1      0.003333
1
[LOGGER CHANNEL 0]      Ext
temperature
COEFFS      73.293221      -0.002662291      2.42E-08      1.67E-13      -5.38E-
18
AVERAGED      No
GAIN MODE      n/a
[LOGGER CHANNEL 1]
Pressure
COEFFS      -89.697601      0.003377742      1.11E-09      0
0
AVERAGED      No
GAIN MODE      n/a
[LOGGER CHANNEL 4]
Turbidity
COEFFS      0      0.038146969      0      0      0
AVERAGED      No
GAIN MODE      Auto
[LOGGER CHANNEL 5]
Battery
COEFFS      0      0.000228885      0      0      0
AVERAGED      No
GAIN MODE      n/a
START TIME      6/19/2017 23:00:
00
STOP TIME      7/3/2018 23:34:
00
HEADING      Timecode      Ext temperature      Pressure
Turbidity
UNITS      [MM/dd/yyyy HH:mm:ss]      Raw      °C      Raw      bar      Raw
FTU      Gain      Status      Raw      V
BURSTSTART      6/19/2017 23:00      28352      17.633611      26623      1.012689      663
0.252915      100      OK      46144      10.561685
DATA      6/19/2017 23:05      28391      17.580006      26622      1.009252      657
0.250626      100      OK      46118      10.555734
```

DATA	6/19/2017	23:10	28429	17.527812	26624	1.016125	603
0.230026	100	OK	46076	10.54612			
DATA	6/19/2017	23:15	28468	17.474282	26625	1.019562	626
0.2388	100	OK	46041	10.538109			
DATA	6/19/2017	23:20	28497	17.434502	26623	1.012689	653
0.2491	100	OK	46015	10.532158			
DATA	6/19/2017	23:25	28541	17.374185	26622	1.009252	649
0.247574	100	OK	46000	10.528725			
DATA	6/19/2017	23:30	28584	17.315285	26624	1.016125	622
0.237274	100	OK	45983	10.524834			
DATA	6/19/2017	23:35	28594	17.301594	26624	1.016125	650
0.247955	100	OK	45974	10.522774			
DATA	6/19/2017	23:40	28579	17.322132	26624	1.016125	625
0.238419	100	OK	45964	10.520485			
DATA	6/19/2017	23:45	28573	17.330348	26623	1.012689	642
0.244904	100	OK	45954	10.518196			
DATA	6/19/2017	23:50	28563	17.344045	26623	1.012689	667
0.25444	100	OK	45952	10.517739			
DATA	6/19/2017	23:55	28558	17.350894	26623	1.012689	669
0.255203	100	OK	45946	10.516365			
DATA	6/20/2017	00:00	28542	17.372815	26625	1.019562	615
0.234604	100	OK	45943	10.515679			
DATA	6/20/2017	00:05	28524	17.397484	26624	1.016125	656
0.250244	100	OK	45943	10.515679			
DATA	6/20/2017	00:10	28501	17.429016	26624	1.016125	618
0.235748	100	OK	45940	10.514992			
DATA	6/20/2017	00:15	28489	17.445473	26623	1.012689	658
0.251007	100	OK	45939	10.514763			
DATA	6/20/2017	00:20	28482	17.455075	26625	1.019562	605
0.230789	100	OK	45938	10.514534			
DATA	6/20/2017	00:25	28481	17.456447	26622	1.009252	656
0.250244	100	OK	45933	10.51339			
DATA	6/20/2017	00:30	28493	17.439987	26623	1.012689	659
0.251389	100	OK	45933	10.51339			
DATA	6/20/2017	00:35	28505	17.423532	26624	1.016125	624
0.238037	100	OK	45930	10.512703			
DATA	6/20/2017	00:40	28510	17.416676	26623	1.012689	614
0.234223	100	OK	45932	10.513161			
...							

## Discussion

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