Slow CSV file output format FCP 2012-05-01

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Field** | **Heading** | **Width w/o**  **comma** | **Decimal**  **places** | **Width** | **Contents** | **Notes** |
| 1 | P | 1 | 0 | 2 | Plot label [1..F] |  |
| 2 | DATE | 10 | -- | 11 | YYYY-MM-DD |  |
| 3 | TIME | 8 | -- | 9 | HH:MM:SS |  |
| 4 | ALT | 6 | 2 | 7 | Solar altitude [degrees] |  |
| 5 | AZI | 3 | 0 | 4 | Solar azimuth [degrees] |  |
| 6 | M | 1 | 0 | 2 | Treatment mode (constant, amb+, etc.) |  |
| 7 | E | 1 | 0 | 2 | Fumigation enabled |  |
| 8 | T | 1 | 0 | 2 | Air temperature OK |  |
| 9 | W | 1 | 0 | 2 | Wind speed OK |  |
| 10 | F | 1 | 0 | 2 | Fumigation ON |  |
| 11 | D | 1 | 0 | 2 | Debugging ON |  |
| 12 | C | 1 | 0 | 2 | Calibration mode enabled |  |
| 13 | X | 1 | 0 | 2 | Calibration mode active |  |
| 14 | V | 1 | 0 | 2 | Proportional valve alarm |  |
| 15 | G | 1 | 0 | 2 | Gas concentration alarm |  |
| 16 | Q | 1 | 0 | 2 | Data acquisition and control error |  |
| 17 | WS | 5 | 2 | 6 | Wind speed [m s-1] |  |
| 18 | COV | 4 | 2 | 5 | Wind speed coefficient of variation |  |
| 19 | WD | 3 | 0 | 4 | Wind direction [degrees] |  |
| 20 | STD | 3 | 0 | 4 | Wind direction standard deviation [degrees] |  |
| 21 | TAIR | 5 | 1 | 6 | Air temperature [oC] |  |
| 22 | TENCL | 5 | 1 | 6 | Enclosure temperature [oC] |  |
| 23 | TAUX | 5 | 1 | 6 | Auxiliary temperature [oC] |  |
| 24 | BP | 4 | 0 | 5 | Barometric pressure [hPa = mbar] |  |
| 25 | H2O | 4 | 0 | 5 | Water vapor pressure [Pa] |  |
| 26 | FLUX | 4 | 0 | 5 | Solar energy flux |  |
| 27 | PVC | 6 | 1 | 7 | Proportional valve control signal |  |
| 28 | PVR | 6 | 1 | 7 | Proportional valve response signal |  |
| 290 | CAMB | 6 | 1 | 7 | Ambient plot gas concentration |  |
| 30 | CCONT | 6 | 1 | 7 | Control plot gas concentration |  |
| 31 | CBASE | 6 | 1 | 7 | Base gas concentration for ambient + or x |  |
| 32 | CSET | 6 | 1 | 7 | Gas concentration set point |  |
| 33 | CGRAB | 6 | 1 | 7 | Gas concentration – grab sample |  |
| 34 | C1MIN | 6 | 1 | 7 | Gas concentration – 1-minute average |  |
| 35 | C5MIN | 6 | 1 | 6 | Gas concentration – 5-minute average |  |
| <CR>  <LF> |  |  |  | 2 |  |  |
| TOTAL |  |  |  | 171 |  |  |