



Description Parsivel² output - field 61

The output of field 61 is possible with Parsivel² devices and firmware version V2.10.0 or higher. You can download the firmware on our home page www.ott.com (register and log in to myOTT). The firmware update can be done easily with the software ASDO. Please check the manual for details.

61	List of all particles detected (including size and particle speed)	13	00.000;00.000	0.200 ... 25.000; 0.20 ... 20.000	mm;m/s
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The command CS/P/61 shows values of the single drops in the last measurement interval. The first value is the size of the single drop in [mm] and the second is the velocity in [m/s] that means for the shown example the first drop had a diameter of 2,271 mm with a speed of 1,804 m /s:

```

BOOTLOADER PARSIVEL
*** PARSIVEL 2 ***
OTT HYDROMET GmbH
Copyright (C) 2015
Version: V2.10.0
385711;0000.000;0000.00;00;-9.999;20000;0000.00;016;32488;00000;0;
29:15:19 CS/P/20
0000.503 CS/R/01
02.271;01.804 CS/P/61
02.307;01.801
01.638;01.307
01.571;01.286
02.134;01.654
01.691;01.332
02.123;01.657
02.188;01.707
02.076;01.597
01.915;01.442
02.321;01.841
01.745;01.373
01.441;01.254
01.899;01.465

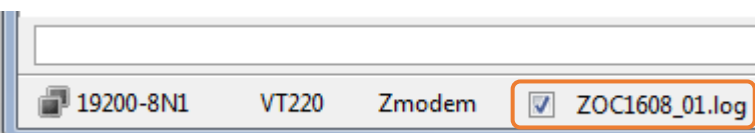
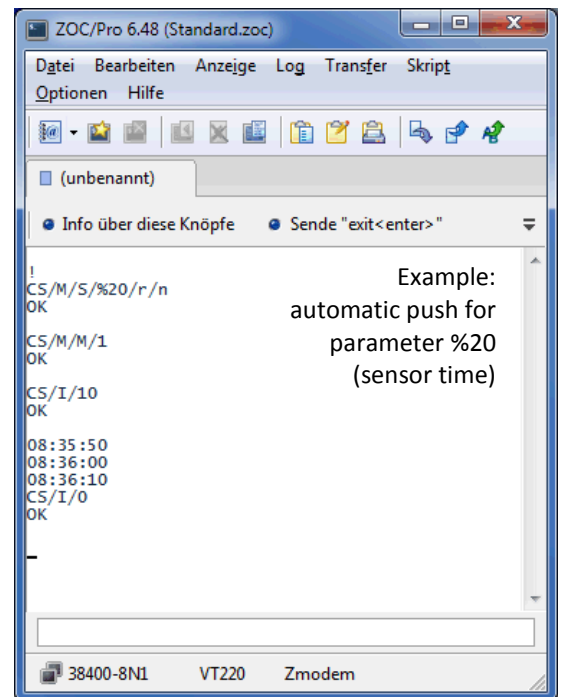
```

It is possible to set an automatic push from Parsivel2 itself, by using the following CS commands in a terminal program:

Set telegram string for parameter 61: **CS/M/S/%61/r/n**
Set custom build telegram: **CS/M/M/1**
Define measurement interval in sec: **CS/I/60**
Deactivate the automatic push: **CS/I/0**

Up to now, output and storage via ASDO is not possible.

Additionally, there are functions in the terminal program ZOC to save the output automatically in separate files. Activate for that the option save log:



You can find the log file at: C:\Users\ABC\Application Data\Documents\ZOC6 Dateien\Log



Example for log file:

```
ZOC1608_01.log - Editor
Datei Bearbeiten Format Ansicht ?
AT&F
OK
!
CS/M/S/%19/r/n%61/r/n      Automatic push for parameter %19
OK                          (sensor time + date) and field %61
CS/I/10                      Set push interval: 10 sec
OK
17:03:04 15.07.2016          Automatic push output with no
                              precipitation
17:03:04 15.07.2016          Automatic push output with
14.098;02.811                precipitation and output of values
14.336;03.388                of the single drops in the last
18.096;04.316                measurement interval
18.893;03.338
19.710;04.683
15.102;01.960
13.080;00.484
10.994;02.234
13.794;02.370
07.928;01.578
14.023;02.464
11.388;02.135
18.860;03.372
17.617;03.123
08.384;00.640
17:03:04 15.07.2016
09.158;01.580
18.298;02.464
08.886;01.447
09.937;01.261
02.096;00.553
05.593;00.931
05.882;01.036
09.477;00.287
10.393;00.248
00.993;00.653
10.875;01.576
05.138;00.813
13.655;02.279
18.989;01.781
15.595;02.067
06.231;01.643
17:03:04 15.07.2016
02.766;02.932
15.998;04.014
```