```
level 1
```

8.38870, 8.71560, 8.95778, 9.13719, 9.27010, 9.36857, 9.44151, 9.49555, 9.53558, 9.56523]

Files:

- 1) Total_RawData_Thies_ + site + .txt
- 2) Total Conc Thies + site + .txt
- 3) Total RainRate Thies + site + .txt

File 1:

440 classes (22 diameter \star 20 speed), first all speeds, then the next diameter class.

File 2:

Concentration file
N(Di) = ni/(F.t.v(Di).deltaDi)

N(Di) = number density of drops of the diameter corresponding to size class i per unit volume, (mm-1.m-3)

ni = number of drops measured in drop size class i during time interval t F = size of the sensitive surface of the sensor, in m2, F=0.00456 m2 t = time interval, in s

v(Di) = fall velocity of a drop with diameter Di, in m/s deltaDi = diameter interval of drop size class i, in mm

YYYYMMDD hhmm N(Di) i = 1...22

File 3:

YYYYMMDD hhmm Rain Rate (mm/h)