The pre-processed file contains ASCII data.

There are tree files:

1) OUTPUT_PARSIVEL_"Site"_total_FieldN.txt

This file corresponding to line 90 in the data telegram, is called *Field N*. It corresponds to the logarithm (base 10) of the concentration of drops according to the 32 Parsivel diameter classes. The associated units are $m^{-3}.mm^{-1}$. This logarithm conversion was implemented by the manufacturer in order to reduce the size of data files generated by Parsivel (drop concentration values can be very high). The following conversion is required to back-transformed Parsivel outputs into a concentration of raindrops:

$$N_{FieldN}(D) = 10^{FieldN_{Parsivel}}$$

The default value provided by Parsivel when no drops are recorded in the diameter class of interest is -9.999 corresponding to a concentration drops of drops near zero ($10^{-9.999}$).

2) OUTPUT_PARSIVEL_"Site"_total_rr.txt

This file corresponding to line 01 in the data telegram, is called *Rain Rate*. The associated units are $mm.h^{-1}$.

3) OUTPUT_PARSIVEL_"Site"_total_DSD.txt

This file corresponding to line 93 in the data telegram, is called *Drop Size Distribution*. It corresponds to the 32x32 drop counts (1024 values) and has consequently not units. The first 32 values correspond to the 32 drop diameter and the first fall velocity. Similarly, the 33nd value corresponds to the number of drops with a diameter D = D_2 and a fall speed V = V_2.

class_average=[0.062,0.187,0.312,0.437,0.562,0.687,0.812,0.937,1.062,1.187,1.375,1.625,1.875, 2.125,2.375,2.750,3.250,3.750,4.250,4.750,5.500,6.500,7.500,8.500,9.500,11.000,13.000,15.000, 17.000,19.000,21.500,24.500]

class_spread=[0.125,0.125,0.125,0.125,0.125,0.125,0.125,0.125,0.125,0.125,0.250,0.250,0.250, 0.250,0.250,0.500,0.500,0.500,0.500,0.500,1.000,1.000,1.000,1.000,1.000,2.000,2.000,2.000,2.0 00,2.000,3.000,3.000]

Ps.: In all files, the first column corresponds the date (year, month and day) , second column corresponds the time (hour and minute) and in the next columns the data.