

Size limitation / UVP model

The UVPs did observe and measure correctly the particles larger than the Min ESD listed below:

UVP Model	Min ESD (mm)	First column to keep in his files
2a	0.203	10
2c	0.089	6
3a	0.483	14
3b	0.089	6
4a	0.056	4

aHISbMOY.TXT files column description

a : Date (YYYYMMDD_HHMMSS000_)

Data Value are :

- b=NB : number of particles per litre ranging between ESD min and ESD max
- b=BV : biovolume of particles ranging between ESD min and ESD max (ppm)

	Col. N°	ESD min (mm)	ESD max (mm)
Sample Depth (5m step)	1		
Sample Depth (observed)	2		
Number of Computed Images	3		
Data Value	4	0.052	0.066
Data Value	5	0.066	0.083
....	6	0.083	0.105
	7	0.105	0.132
	8	0.132	0.166
	9	0.166	0.209
	10	0.209	0.264
	11	0.264	0.332
	12	0.332	0.419
	13	0.419	0.527
	14	0.527	0.664
	15	0.664	0.837
	16	0.837	1.055
	17	1.055	1.329
	18	1.329	1.674
	19	1.674	2.110
	20	2.110	2.658
	21	2.658	3.349
	22	3.349	4.219
	23	4.219	5.316
	24	5.316	6.697
	25	6.697	8.438
	26	8.438	10.631
	27	10.631	13.395
	28	13.395	16.876
	29	16.876	21.262
	30	21.262	26.789

aHISbMOYRED.TXT files column description

a : Date (YYYYMMDD_HHMMSS000_)

Data Value are :

- b=NB : number of particles per litre ranging between ESD min and ESD max
- b=BV : biovolume of particles ranging between ESD min and ESD max (ppm)

Classe N°	Col N°	ESD min (mm)	ESD max (mm)
Sample Depth (5m step)		0.052	0.091
Sample Depth (observed)		0.091	0.160
Number of Computed Images	4	0.160	0.279
Data Value	5	0.279	0.488
Data Value	6	0.488	0.852
...	7	0.852	1.488
	8	1.488	2.600
	9	2.600	4.543
	10	4.543	7.937
	11	7.937	13.867
	12	13.867	24.228
	13	24.228	42.329
	14	42.329	73.955

D*.ASC files column description

* : reference of the ASC file is found in the ENTETE.XLS file

Parametre	Col N°
Scan #	1
Depth (db)	2
Temp (°C)	3
Cond (Siemens/m)	4
Turb (FTU)	5
Fluo (RU)	6
Depth (m)	7
Salinity (PSU)	8
Density (kg/m ³)	9
Pot Temp	10
Nul	11

Note :

NaN replaces wrong data or missing data