OMC-045-III
APPLICATION NOTE

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Document History

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Revision History

This document has been revised by:

Revision Number	Revision Date	Summary of Changes	Author
V1.01	03-08-17	Updated general content	Ludovic Grosjean

Reference Documents

Please see the following documents for more information:

Document Name	Download from	Author
Manuals	http://download.observator.com/files/?dir=User manuals	Ludovic Grosjean

Distribution list

This document has been distributed to:

Name	Company, Position	Action
Dana Galbraith	Director at Observator Instruments	Review
Niran Pelpola	Manager at Observator Instruments	Update

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# INDEX

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1. INTRODUCTION

This document is an application note explaining the step-by-step process to access SD card data from the OMC-045-III when used with High Wind Alarm systems.

2. INSTALL THE SOFTWARE

1.   Download OMC-Programmer 2.0.9 software from Observator Website or using the following link:

https://observator.com/download/software/omcprogrammersetup2.0.9.exe
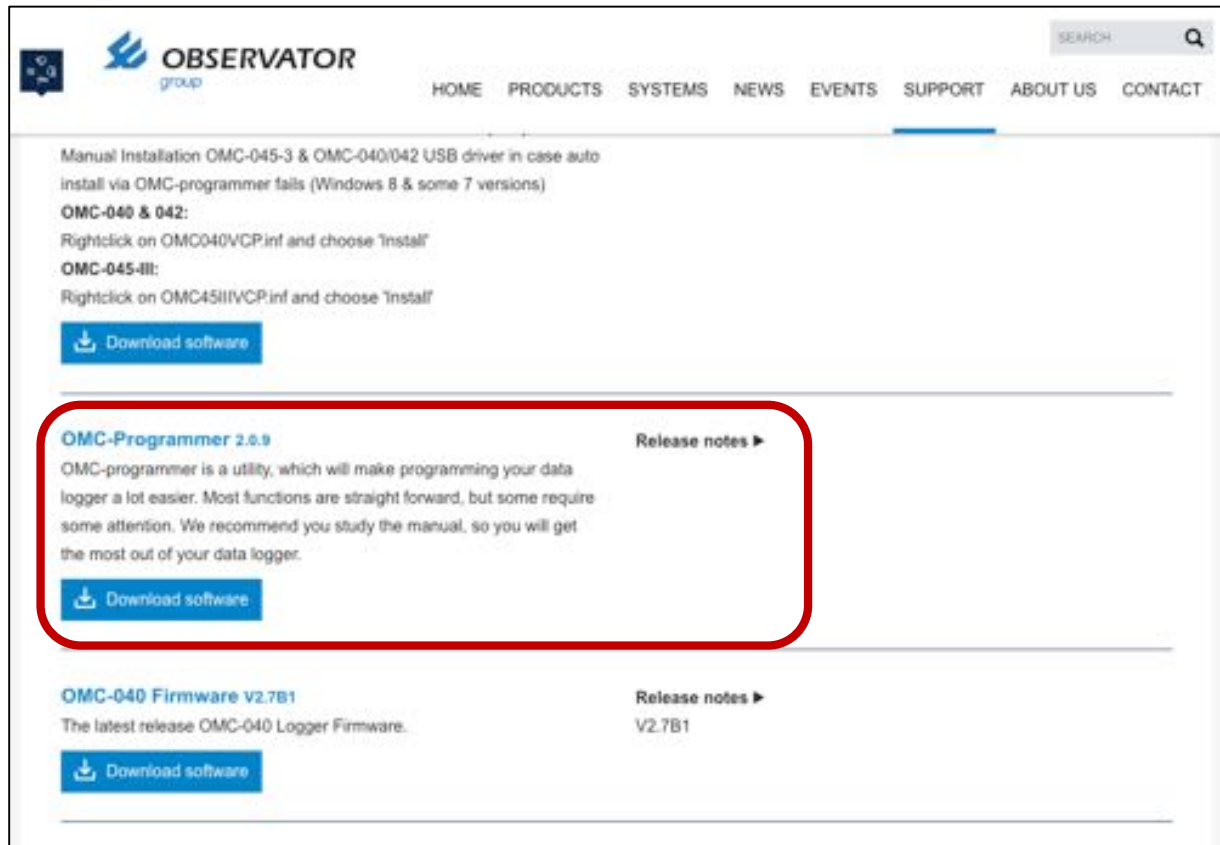
2.   Install the .Exe file and open OMC Programmer software

3. SET UP THE OMC-045-III

1. Insert the SD card into the OMC-045-III slot:
   Note: Make sure the SD card is properly inserted.

2. Power OMC-045-III by connecting Pin 1 to the Ground and Pin 2 to the power (5V).

3. Connect OMC-045-III to your computer
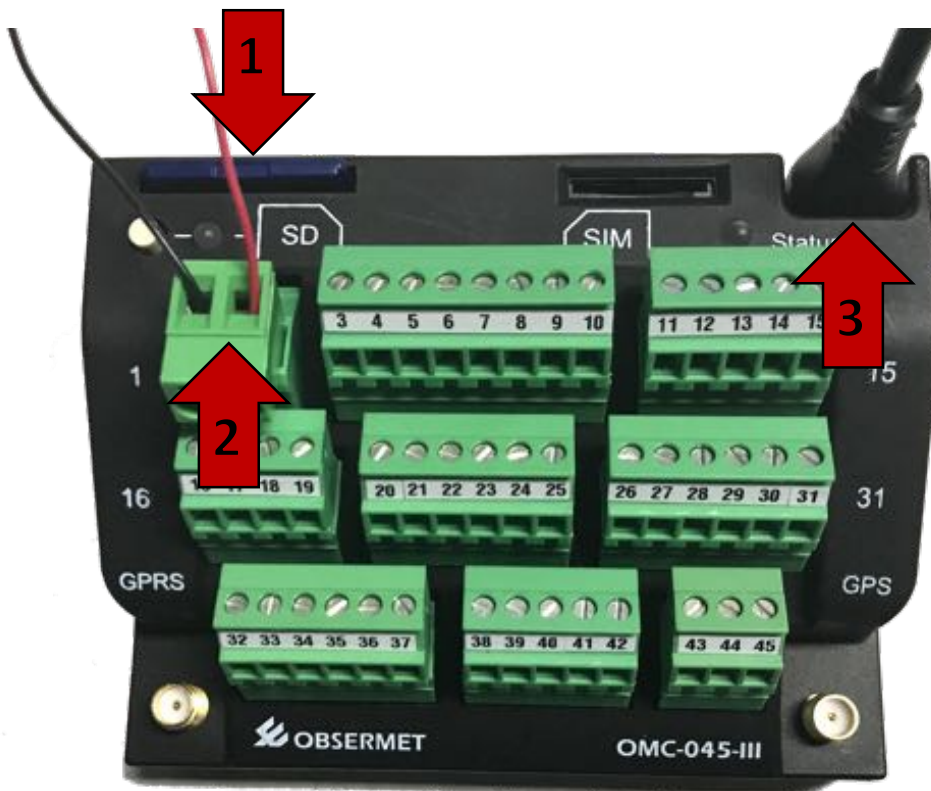
4.   READ SD CARD DATA

1.   Open Device Manager on your machine and note which port is being configured for "OMC45III":
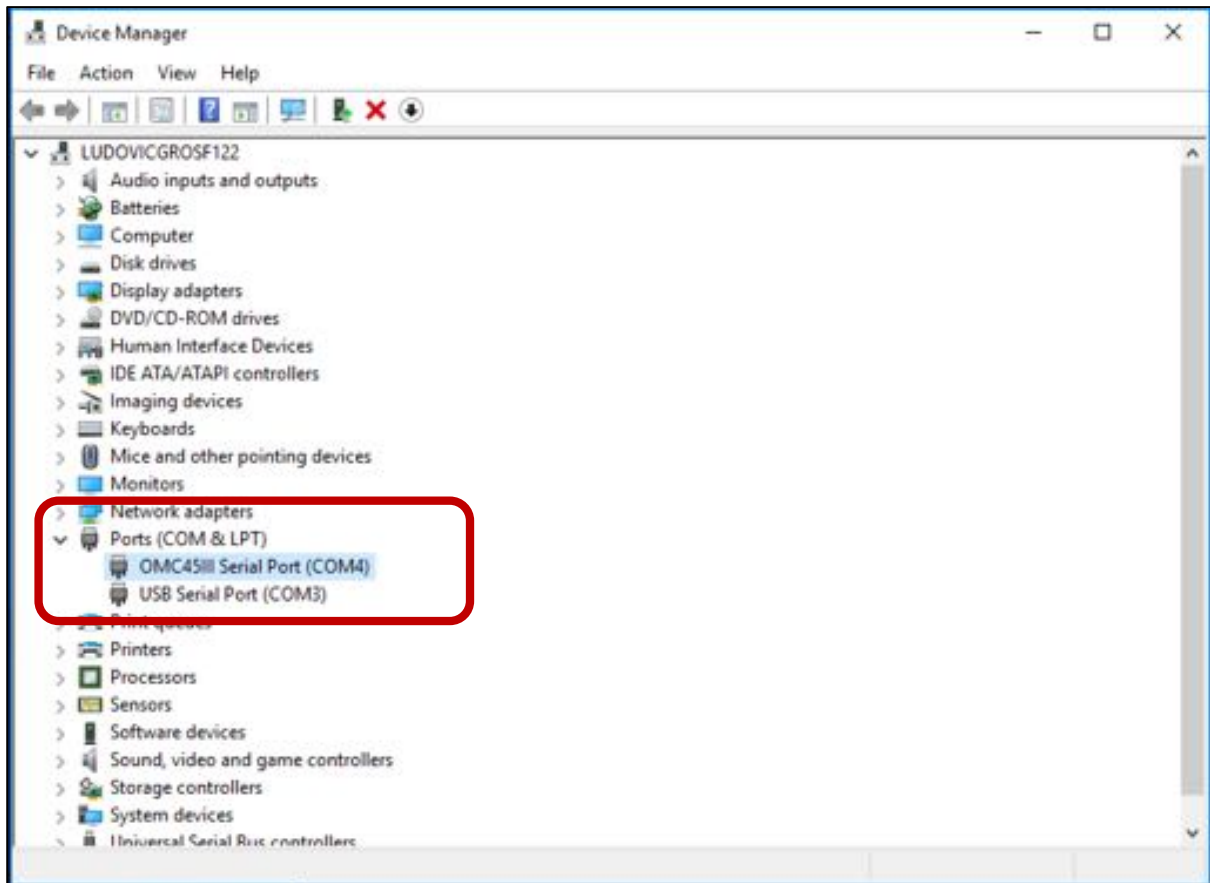
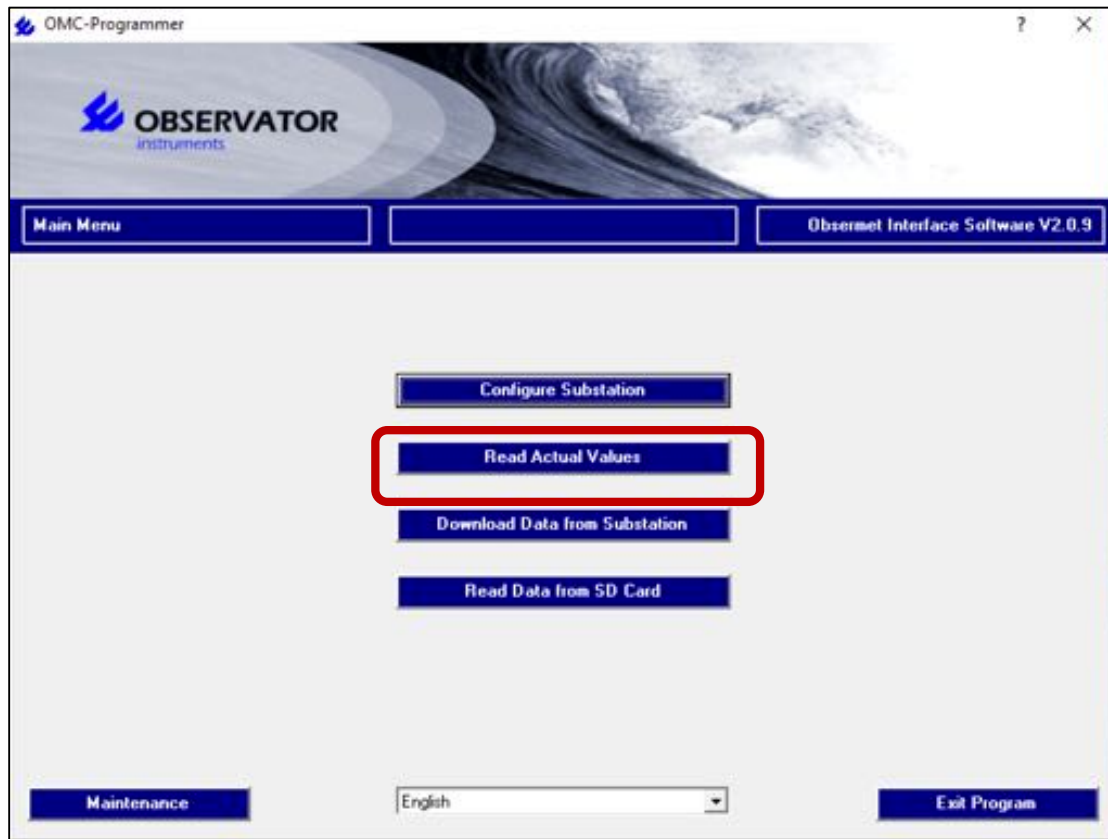2.   Run OMC-Programmer using the shortcut:

3.   If the OMC-045-III is properly powered, you will notice that the "Status" LED is flashing red.

4. **Click on "Read Actual Values":**

5. **Select "Use Direct communication":**
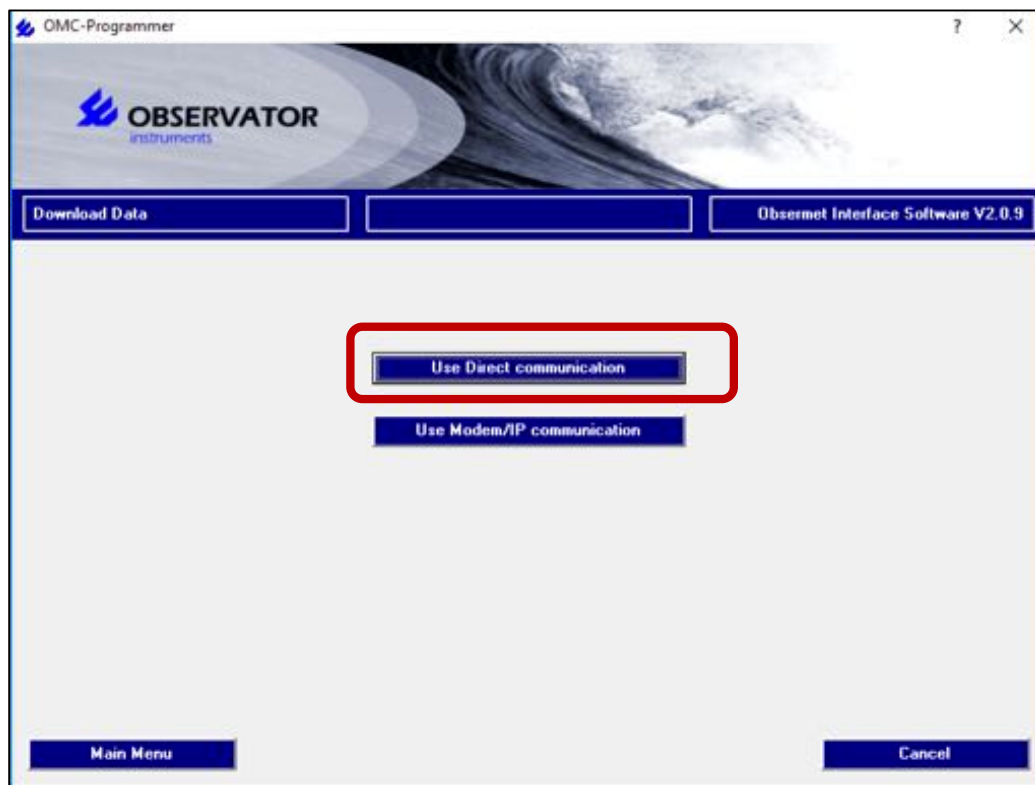
6. **Make sure the correct Com-Port is selected:**
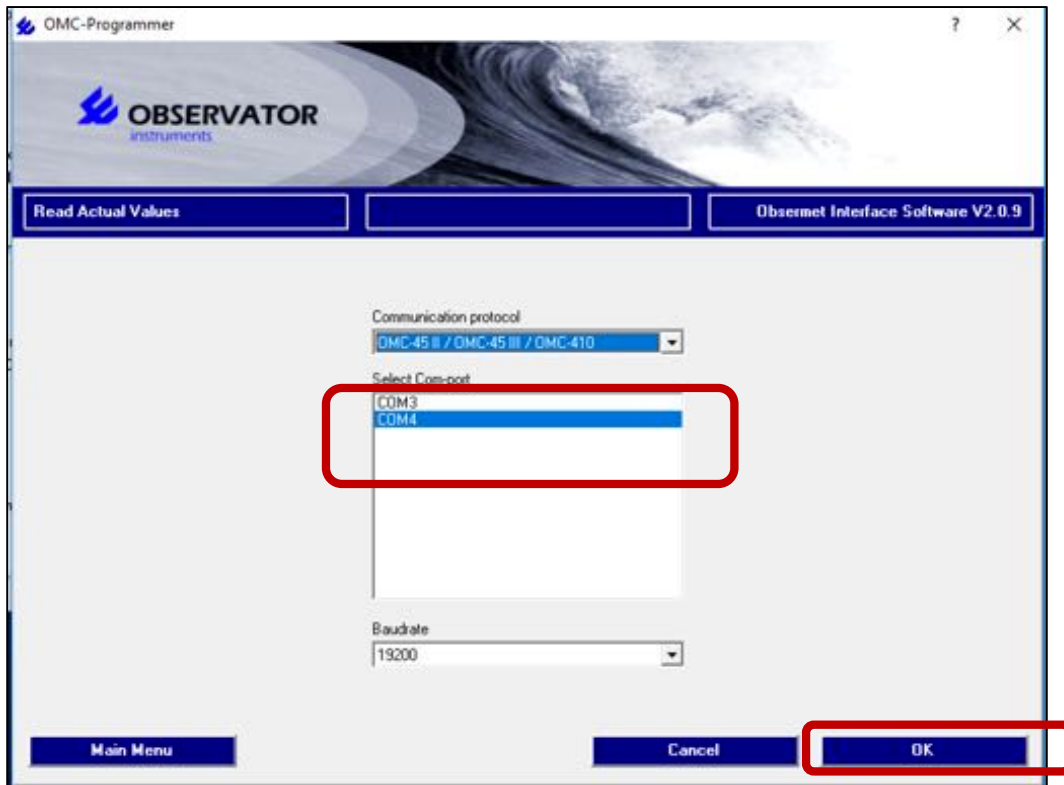
7. **You will now have access to the datasets from the SD card.
Select Main Menu to return to the main menu:**
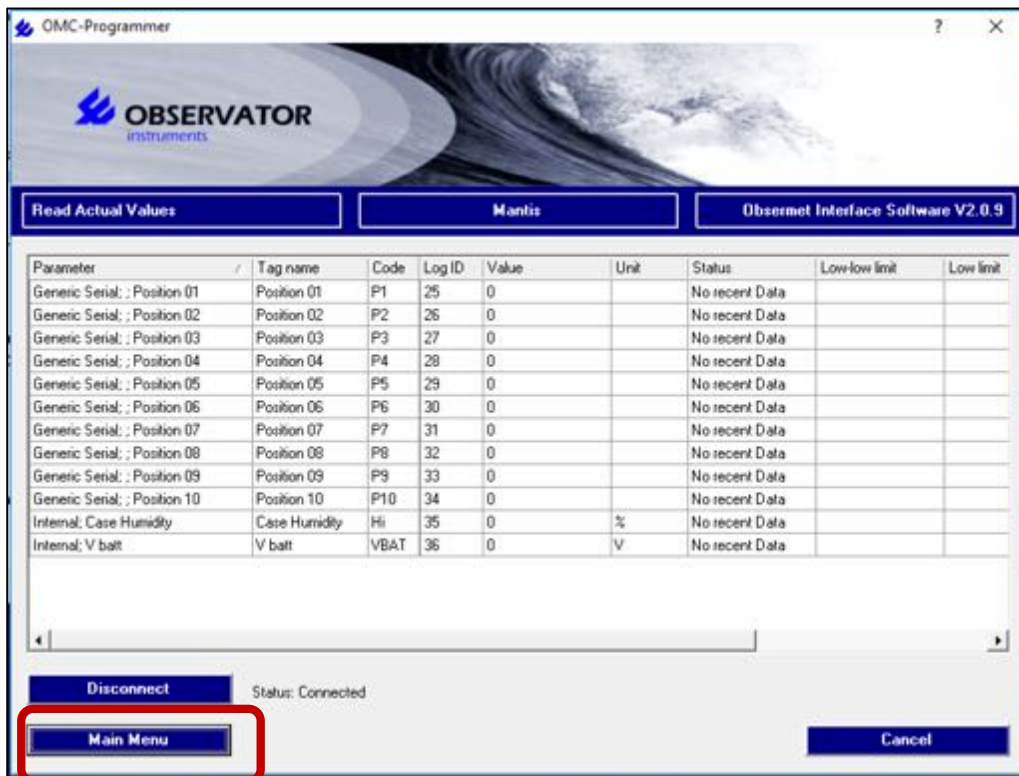
5. DOWNLOAD SD CARD DATA

1. Select "Download Data from Substation" to access to the data on the SD card:
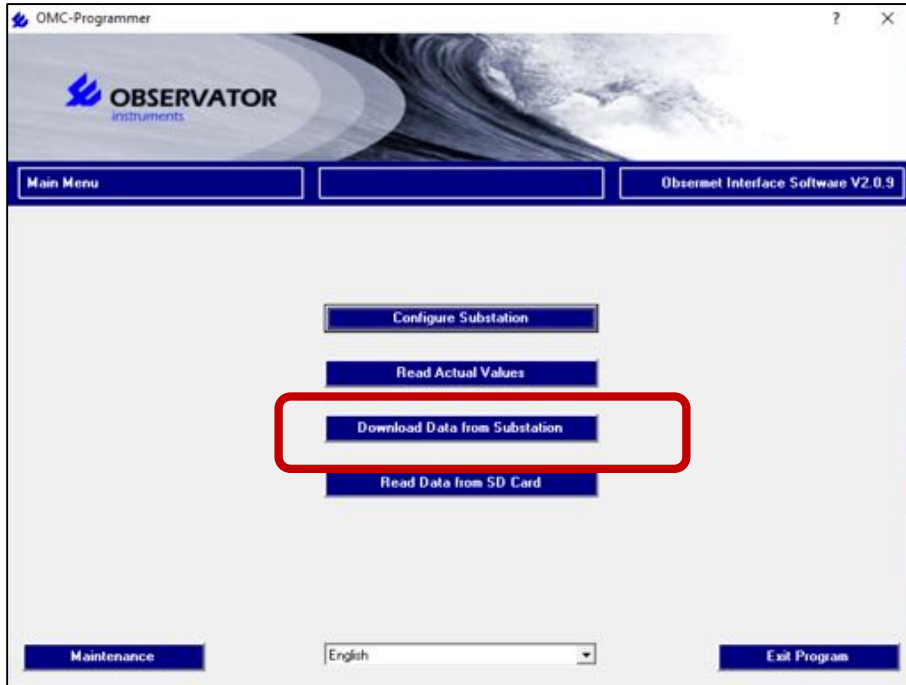
2. Select "Use Direct communication":

3. Make sure the correct Com-Port is selected:
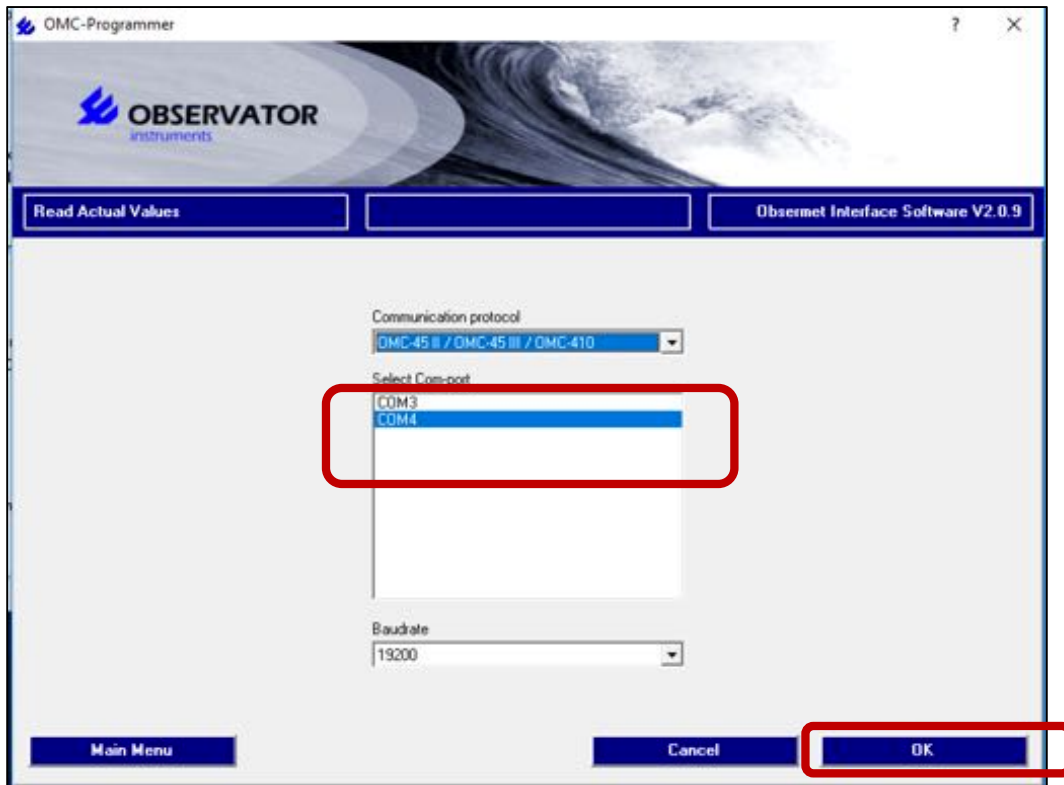
4. Select "Data Records" and "Create CSV import file" then press "Ok":
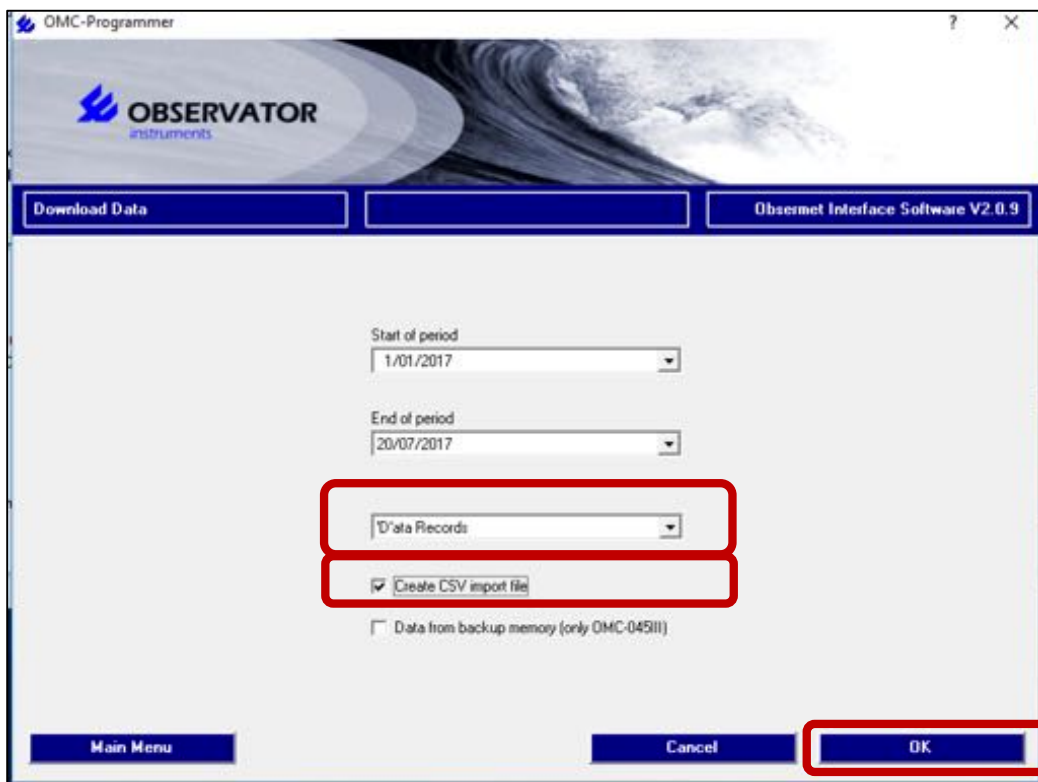
5. Give a file name and press save:
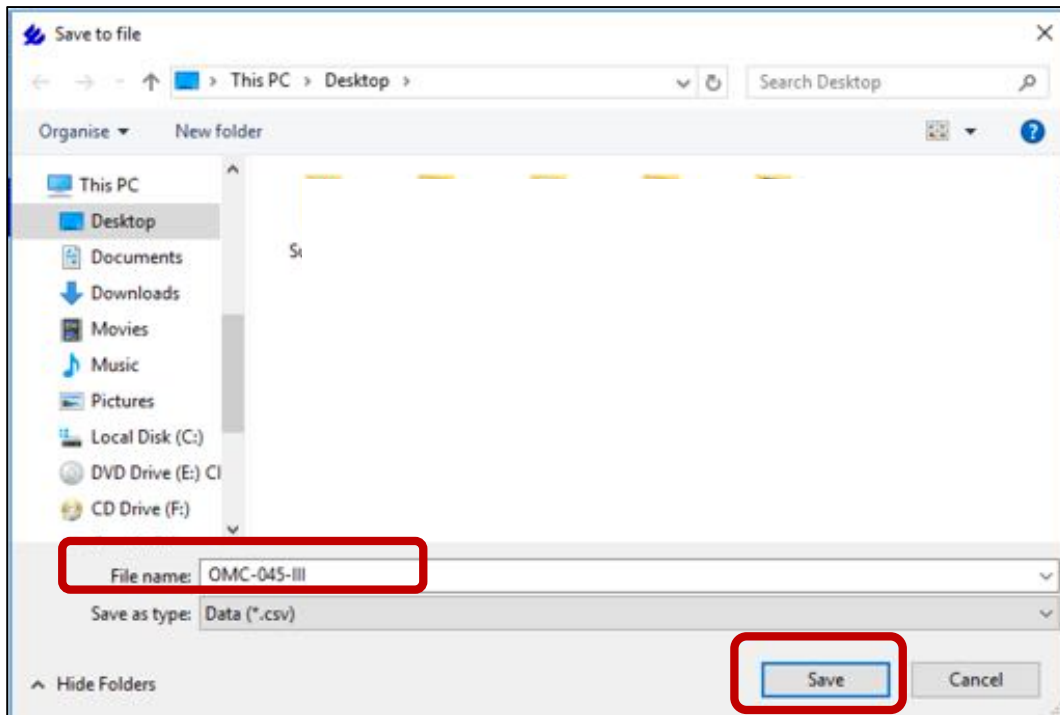
6. Once the Data is downloaded press "Ok":

6. OPEN CSV FILE

1.　　Use Excel or equivalent to open the ".CSV" file.

Note: If the data is not shown in multiple delimited columns you will need to open the file using the text import Wizard.

2.　Open a new excel Workbook:

3.　Select "Data":

4.　Select "From text":

5. Select the file and click "Delimited" and "Next":

6. Select "Semicolon" and "Next" and "Finish":

7. You will now have access to the data downloaded from the SD card:

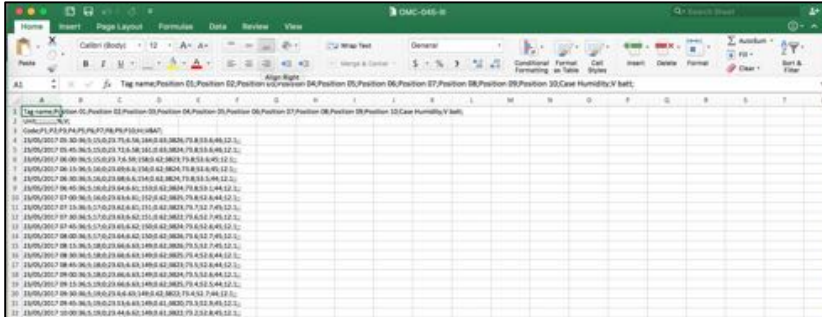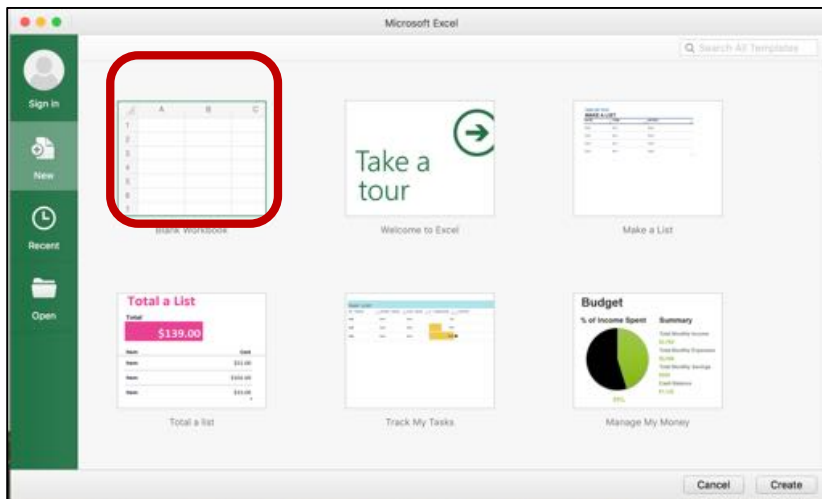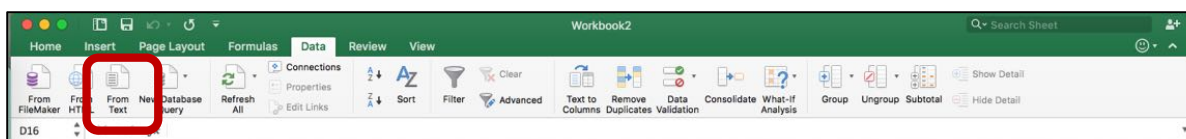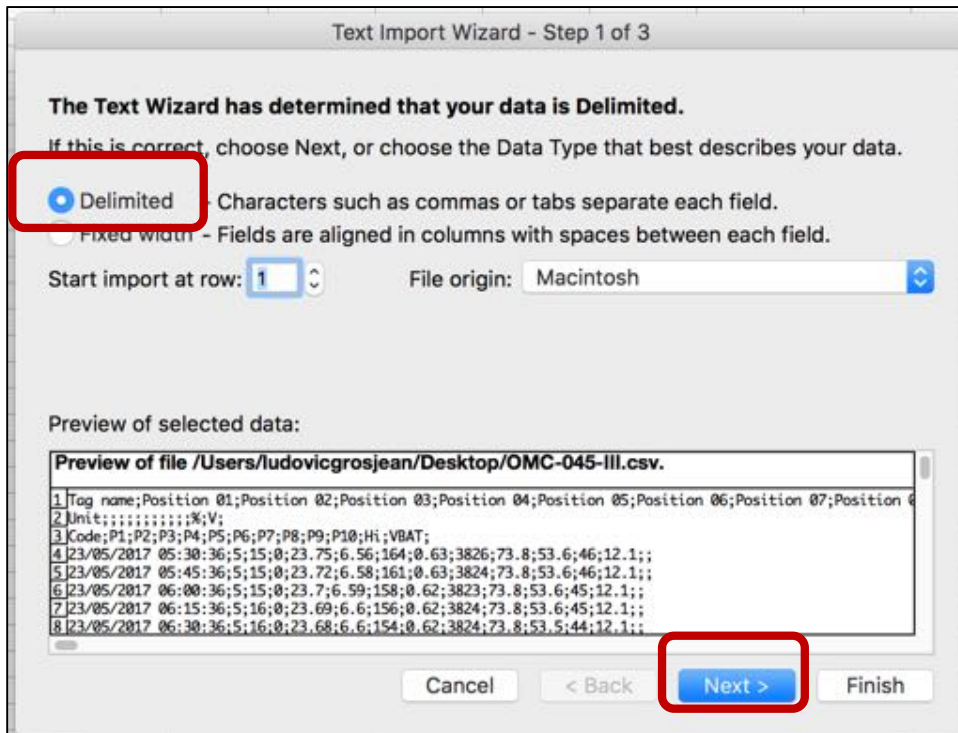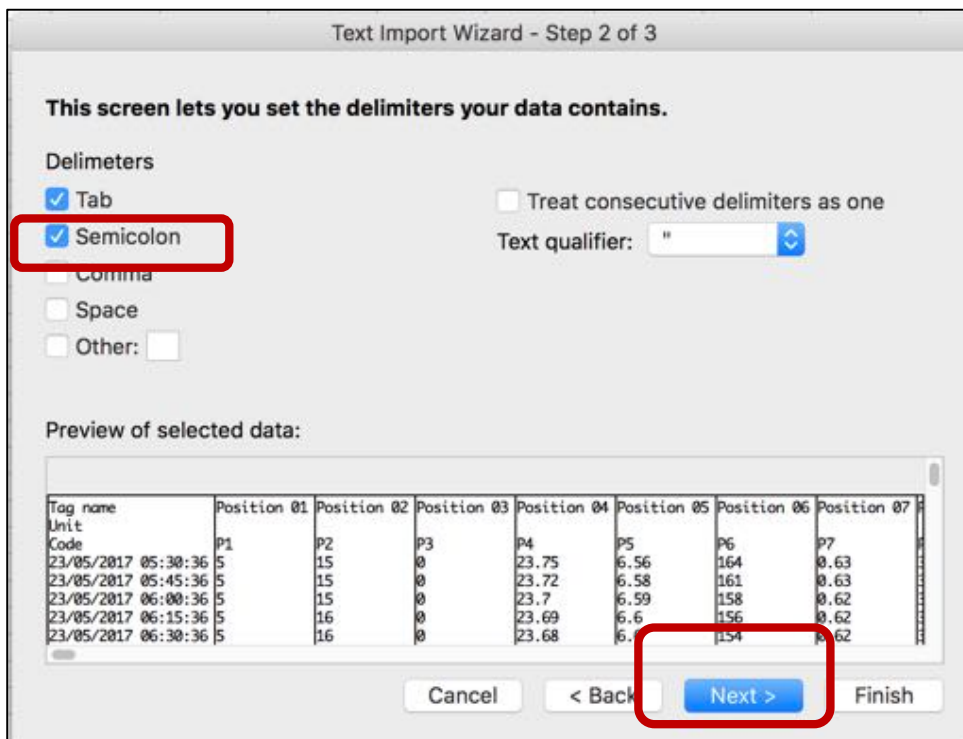|	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Tag name	Position 01	Position 02	Position 03	Position 04	Position 05	Position 06	Position 07	Position 08	Position 09	Position 10	Case Humidity	V batt
2	Unit											%	V
3	Code	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	Hi	VBAT
4	23/05/2017 5:30	5	15	0	23.75	6.56	164	0.63	3826	73.8	53.6	46	12.1
5	23/05/2017 5:45	5	15	0	23.72	6.58	161	0.63	3824	73.8	53.6	46	12.1
6	23/05/2017 6:00	5	15	0	23.7	6.59	158	0.62	3823	73.8	53.6	45	12.1
7	23/05/2017 6:15	5	16	0	23.69	6.6	156	0.62	3824	73.8	53.6	45	12.1
8	23/05/2017 6:30	5	16	0	23.68	6.6	154	0.62	3824	73.8	53.5	44	12.1
9	23/05/2017 6:45	5	16	0	23.64	6.61	153	0.62	3824	73.8	53.1	44	12.1
10	23/05/2017 7:00	5	16	0	23.63	6.61	152	0.62	3825	73.8	52.6	45	12.1
11	23/05/2017 7:15	5	17	0	23.62	6.61	151	0.62	3823	73.7	52.7	45	12.1
12	23/05/2017 7:30	5	17	0	23.63	6.62	151	0.62	3822	73.6	52.7	45	12.1
13	23/05/2017 7:45	5	17	0	23.65	6.62	150	0.62	3824	73.6	52.6	45	12.1
14	23/05/2017 8:00	5	17	0	23.64	6.62	150	0.62	3826	73.6	52.7	45	12.1
15	23/05/2017 8:15	5	18	0	23.66	6.63	149	0.62	3826	73.5	52.7	45	12.1
16	23/05/2017 8:30	5	18	0	23.66	6.63	149	0.62	3825	73.4	52.6	44	12.1
17	23/05/2017 8:45	5	18	0	23.65	6.63	149	0.62	3823	73.5	52.6	44	12.1
18	23/05/2017 9:00	5	18	0	23.66	6.63	149	0.62	3824	73.5	52.6	44	12.1
19	23/05/2017 9:15	5	19	0	23.66	6.63	149	0.62	3825	73.4	52.5	44	12.1
20	23/05/2017 9:30	5	19	0	23.6	6.63	149	0.62	3822	73.4	52.7	44	12.1
21	23/05/2017 9:45	5	19	0	23.53	6.63	149	0.61	3820	73.3	52.9	45	12.1
22	23/05/2017 10:00	5	19	0	23.44	6.62	149	0.61	3822	73.2	52.8	45	12.1
23	23/05/2017 10:15	5	20	0	23.35	6.62	149	0.6	3822	73	52.8	45	12.1
24	23/05/2017 10:30	5	20	0	23.25	6.62	148	0.6	3822	72.8	53	46	12.1
25	23/05/2017 10:45	5	20	0	23.15	6.61	148	0.59	3821	72.6	52.7	46	12.1
26	23/05/2017 11:00	5	20	0	23.05	6.61	148	0.58	3820	72.5	53.1	46	12.1
27	23/05/2017 11:15	5	21	0	22.95	6.61	148	0.58	3821	72.2	53.2	47	12.1
28	23/05/2017 11:30	5	21	0	22.86	6.61	148	0.57	3821	72.1	53.4	47	12.1
29	23/05/2017 11:45	5	21	0	22.77	6.61	148	0.56	3819	71.9	53.5	47	12.1
30	23/05/2017 12:00	5	21	0	22.69	6.61	148	0.56	3819	71.8	53.4	47	12.1
31	23/05/2017 12:15	5	22	0	22.61	6.61	148	0.56	3820	71.7	53.3	47	12.1
32	23/05/2017 12:30	5	22	0	22.54	6.61	147	0.55	3820	71.6	53.6	48	12.1
33	23/05/2017 12:45	5	22	0	22.46	6.6	147	0.55	3822	71.5	53.7	48	12.1
34	23/05/2017 13:00	5	22	0	22.39	6.6	147	0.54	3820	71.4	53.7	48	12.1
35	23/05/2017 13:15	5	23	0	22.33	6.6	147	0.54	3819	71.3	53.7	48	12.1
36	23/05/2017 13:30	5	23	0	22.26	6.6	147	0.53	3820	71.2	53.7	48	12.1
37	23/05/2017 13:45	5	23	0	22.2	6.6	147	0.53	3822	71	53.7	48	12.1
38	23/05/2017 14:00	5	23	0	22.13	6.59	147	0.53	3818	70.9	53.8	48	12.1
39	23/05/2017 14:15	5	0	0	22.07	6.59	147	0.52	3820	70.9	53.7	49	12.1
40	23/05/2017 14:30	5	0	0	22.01	6.59	147	0.52	3819	70.7	53.8	49	12.1

7. CONTACT

Contact & more information

Additional Information, including training video, this Application Note up-to-date and tutorials are available on our training page:

http://download.observator.com/files/?dir=User manuals

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