How to Create Graphs from Exported CSV Files using Excel

- This tutorial will show you how to create a graph of the data that you exported from your Kestrel 5000 series or Kestrel DROP using one of the Kestrel LiNK applications.
- This tutorial assumes that you were able to export the CSV file already to your computer and know the location of this file.



If for some reason all the data goes into the first column, then alternatively open Excel and click File-Open and navigate and select the file that way.

X	🚽 i) - ((≊ ~]∓						
Fi	le Ho	me Inse	rt Page	Page Layout Forr				
ſ	X	Calibri	× 11	· A	• A* =			
Pas	te 🦪	BIU	* <u> </u>	🖏 -	<u>A</u> - ≣			
Clipt	board 🗔		Es.					
	A1	•	. (=	f _x [evice N			
	А	_ D	С	D				
1	Device Na	WEATHER	- 2115541					
2	Device M	5500L						
3	erial Nu	2115541						
4	ORMAT	Direction	Wind Spe	Crossv	vinc Hea			
5	YYY-MM	°	mph	mph	mph			
6			0					
7			0					
8	******		0					
9	******		0					
10			0					
11	*******		7.2					
12	******		9.4					
13			1.6					
14	******		6.7					
15	******		1.7					
16	*******		1.3					
17	******		3.3					
18	*******		3.7					
19	******		4.1					
20	******		1.3					
21	******		1.2					
22	******		3.5					
23			7.5					
24			3					
25			5.1					
20	********		8.1					
27	********		1.3					
28			2					
20			3.2					
	ex ex	port_WEA1	HER21155	041 <u>2</u> 0	16_6_1			
Rea	uy 🔜							

Highlight the first column and expand by pulling over the right partition to expand the date and time.

Ê	🖣 👗 Cut	Calib	ri	* 11 · *	A A I	= =
Pas	≕ lia Copy ▼ te	в	Ζ Π -		- A - I	= =
*	Format Painter	-				
	Clipboard is	(f.	ont	18	
	Do		Jx D	C	D	
1	A Device Name			- 2115541	U	
2	Device Model		5001	2113341		
2	Serial Number		2115541			
4	FORMATTED DATE-1	IME	Direction	Wind Sne	Crosswing	Неа
5	VVVV-MM-DD HH·MI	22.1	à°	mnh	mnh	mph
6	4/5/2016	21.35	r	0	mpn	mpi
7	4/5/2016	21.00		0		
8	4/5/2016	21:40		0		
9	4/5/2016	21:50		0		
10	4/5/2016	21:55		0		
11	4/5/2016	22:00		7.2		
12	4/5/2016	22:05		9.4		
13	4/5/2016	22:10		1.6		
14	4/5/2016	22:15		6.7		
15	4/5/2016	22:20		1.7		
16	4/5/2016	22:25		1.3		
17	4/5/2016	22:30		3.3		
18	4/5/2016	22:35		3.7		
19	4/5/2016	22:40		4.1		
20	4/5/2016	22:45		1.3		
21	4/5/2016	22:50		1.2		
22	4/5/2016	22:55		3.5		
23	4/5/2016	23:00		7.5		
24	4/5/2016	23:05		3		
25	4/5/2016	23:10		5.1		
26	4/5/2016	23:15		8.1		
27	4/5/2016	23:20		1.3		
28	4/5/2016	23:25		2		
29	4/5/2016	23:30		3.2		
30	4/5/2016	23:35		2.2		
31	4/5/2016	23:40		7.3		
32	4/5/2016	23:45		0		



otTable Tal	Die Pictur	e Clip Sha	apes SmartA	rt Screenshot	Column	Line F	Die Bar	Area	Scatter Charts *	Line	Column Win/Lo	ss Slie
Tables		111	strations				Charts		Scatter	_	parklines	FIII
AI	B	▼ (=	Jx	F	F	6	н			Ĵ	E	M
		c	U	-		9					-	
									Scatter v	rith only	Markers	
									Compa	re pairs o	f values.	
									Use it v	when the	values are not in	ant
									separa	te measur	ements.	
											-	
									All Chart Ty	pes		
							_					
	-											
-					4							

Now we want to select a new Sheet to Insert a Graph. So select a new sheet (1) and go to the Insert tab (2) and then go to the Scatter Plot for the type of graph (3)



Next you will want to Right Click on the empty graph that appears on the screen and choose SELECT DATA.



X	🗎 💫 - 🕞 - 🗌	Ŧ			export_WE	ATHER211554	1_20	
F	ile Home	Insert	Page Layou	ut Formu	ulas Da	ita Review	V	
	h th	\mathcal{C}	db			*		You will
Ch	nange Save As	Switch	Select			- 		choot(1)
Cha	Type Template	Row/Colur Da	nn Data ata		Chart Lavou	ts		Sheet (1) a
	A6	- (e)	fx					intend t
	A		В	С	D	E		should he s
1	Device Name		WEATHER	- 2115541				Should be s
2	Device Model		5500L					
3	Serial Number	r	2115541					
4	FORMATTED D	ATE-TIME	Direction	Wind Spe	Crosswin	c Headwind	Ten	
5	YYYY-MM-DD H	H:MM:SS	°	mph	mph	mph	Â⁰F	
6	4/5/	2016 21:35		0				
7	4/5/	2016 21:40		0				
8	4/5/	2016 21:45		0				
9	4/5/	2016 21:50		0				
10	4/5/	2016 21:55		0				
11	4/5/	2016 22:00		7.2				
12	4/5/	2016 22:05		9.4	Ec	lit Series		?
13	4/5/	2016 22:10		1.6				
14	4/5/	2016 22:15		6.7	-	=export_WE	ATHER211	5541_2016_6_14!\$A\$6:\$A\$30
15	4/5/	2016 22:20		1.7				
16	4/5/	2016 22:25		1.3				
17	4/5/	2016 22:30		3.3				Once you
18	4/5/	2016 22:35		3.7				
19	4/5/	2016 22:40		4 ,1				wish to gra
20	4/5/	2016 22:45		1.3				8
21	4/5/	2016 22:50		1.2				
22	4/5/	2016 22:55		3.5				Г
23	4/5/	2016 23:00		7.5				E
24	4/5/	2016 23:05		3				
25	4/5/	2016 23:10		5.1				
26	4/5/	2016 23:15		8.1				
27	4/5/	2016 23:20		1.3				
28	4/5/	2016 23:25		2				
29	4/5/	2016 23:30		3.2				
30	4/5/	2016 23:35		2.2				
31	4/5/	2016 23:40		7.3				
32	4/5/	2016 23:45		0				
	export_	_WEATHER	2115541	2016_6_1	4 / Sheet	1 / 🔁 /		
			(T)	/				

You will need to click on the previous sheet (1) and highlight the data that you intend to graph. For the X-axis, you should be selecting the Date-Time column

(2)

Once you have highlighted the data you wish to graph, press return and select the Y value button.

 \times

T



vice Name vice Model rial Number RMATTED DATE-TIME Y-MM-DD HH:MM:SS 4/5/2016 21:35 4/5/2016 21:40	WEATHER 5500L 2115541 Direction °	- 2115541 Wind Spee mph	Crosswinc	Headwind			
vice Model rial Number RMATTED DATE-TIME Y-MM-DD HH:MM:SS 4/5/2016 21:35 4/5/2016 21:40	5500L 2115541 Direction °	Wind Spee mph	Crosswinc	Headwind			
ial Number RMATTED DATE-TIME Y-MM-DD HH:MM:SS 4/5/2016 21:35 4/5/2016 21:40	2115541 Direction °	Wind Spee mph	Crosswinc	Headwind			
RMATTED DATE-TIME Y-MM-DD HH:MM:SS 4/5/2016 21:35 4/5/2016 21:40	Direction °	Wind Spe mph	Crosswinc	Headwind	_		
Y-MM-DD HH:MM:SS 4/5/2016 21:35 4/5/2016 21:40	°	mph			Temperat	Wine	d Chil
4/5/2016 21:35 4/5/2016 21:40			mph	mph	Â⁰F	°E	
4/5/2016 21:40		0			75.5		75.4
		0			59.4		59.3
4/5/2016 21:45		0			65.7		65.7
4/5/2016 21:50		0			69		68.9
4/5/2016 21:55		0			69.8		69.8
4/5/2016 22:00		7.2			39.1		32.4
4/5/2016 22:05		9.4			36.9		28.2
4/5/2016 22:10		1.6			37.4		37.4
4/5/2016 22:15		6.7			36.9		30.2
4/5/2016 22:20		1.7			37.7		37.6
4/5/2016 22:25		1.3			39		38.8
4/5/2016 22:30		3.3			38.4		34.9
4/5/2016 22:35		3.7			38.2	۲ ۲	34.2
4/5/2016 22:40		4.1			38.1		33.6
4/5/2016 22:45		1.3			37.9		37.8
4/5/2016 22:50		1.2			38.8		38.7
4/5/2016 22:55		3.5			38.8		35.1
4/5/2016 23:00		7.5			39		32
4/5/2016 23:05		3			39		36
4/5/2016 23:10		5.1			40.6		35.8
4/5/2016 23:15		8.1			39.5		32.2
4/5/2016 23:20		1.3			39.9		39.7
4/5/2016 23:25		2			39.8		39.7
4/5/2016 23:30		3.2			40		36.9
4/5/2016 23:35		2.2			40.3		38.3
4/5/2016 23:40		7.3			39.7		32.9
4/5/2016 23:45		0			40		39.9
	4/5/2016 21:55 4/5/2016 22:00 4/5/2016 22:05 4/5/2016 22:10 4/5/2016 22:15 4/5/2016 22:20 4/5/2016 22:20 4/5/2016 22:30 4/5/2016 22:30 4/5/2016 22:45 4/5/2016 22:55 4/5/2016 22:55 4/5/2016 22:55 4/5/2016 23:00 4/5/2016 23:15 4/5/2016 23:15 4/5/2016 23:20 4/5/2016 23:25 4/5/2016 23:25 4/5/2016 23:25 4/5/2016 23:30 4/5/2016 23:30 4/5/2016 23:40 4/5/2016 23:40	4/5/2016 21:55 4/5/2016 22:00 4/5/2016 22:05 4/5/2016 22:10 4/5/2016 22:15 4/5/2016 22:20 4/5/2016 22:25 4/5/2016 22:30 4/5/2016 22:35 4/5/2016 22:40 4/5/2016 22:45 4/5/2016 22:55 4/5/2016 22:55 4/5/2016 23:00 4/5/2016 23:05 4/5/2016 23:15 4/5/2016 23:15 4/5/2016 23:25 4/5/2016 23:25 4/5/2016 23:25 4/5/2016 23:30 4/5/2016 23:35 4/5/2016 23:40 4/5/2016 23:45	4/5/2016 21:55 0 4/5/2016 22:00 7.2 4/5/2016 22:05 9.4 4/5/2016 22:10 1.6 4/5/2016 22:15 6.7 4/5/2016 22:20 1.7 4/5/2016 22:25 1.3 4/5/2016 22:30 3.3 4/5/2016 22:35 3.7 4/5/2016 22:40 4.1 4/5/2016 22:45 1.3 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 23:00 7.5 4/5/2016 23:05 3 4/5/2016 23:10 5.1 4/5/2016 23:15 8.1 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:15 8.1 4/5/2016 23:25 2 4/5/2016 23:30 3.2 4/5/2016 23:35 2.2 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 </td <td>4/5/2016 21:55 0 4/5/2016 22:00 7.2 4/5/2016 22:05 9.4 4/5/2016 22:10 1.6 4/5/2016 22:15 6.7 4/5/2016 22:20 1.7 4/5/2016 22:25 1.3 4/5/2016 22:30 3.3 4/5/2016 22:35 3.7 4/5/2016 22:40 4.1 4/5/2016 22:45 1.3 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 23:00 7.5 4/5/2016 23:05 3 4/5/2016 23:10 5.1 4/5/2016 23:15 8.1 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:30 3.2 4/5/2016 23:35 2.2 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:45 0</td> <td>4/5/2016 21:55 0 4/5/2016 22:00 7.2 4/5/2016 22:05 9.4 4/5/2016 22:10 1.6 4/5/2016 22:15 6.7 4/5/2016 22:20 1.7 4/5/2016 22:25 1.3 4/5/2016 22:30 3.3 4/5/2016 22:35 3.7 4/5/2016 22:35 3.7 4/5/2016 22:40 4.1 4/5/2016 22:45 1.3 4/5/2016 22:50 1.2 4/5/2016 22:50 1.2 4/5/2016 22:55 3.5 4/5/2016 23:00 7.5 4/5/2016 23:00 7.5 4/5/2016 23:05 3 4/5/2016 23:05 3 4/5/2016 23:10 5.1 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:30 3.2 4/5/2016 23:30 3.2 4/5/2016 23:30 3.2 4/5/2016 23:35 2.2 4/5/2016 23:40 7.3 4/5/2016 23:45 0</td> <td>4/5/2016 21:55 0 69.8 4/5/2016 22:00 7.2 39.1 4/5/2016 22:05 9.4 36.9 4/5/2016 22:10 1.6 37.4 4/5/2016 22:15 6.7 36.9 4/5/2016 22:20 1.7 37.7 4/5/2016 22:25 1.3 39 4/5/2016 22:30 3.3 38.4 4/5/2016 22:35 3.7 38.2 4/5/2016 22:40 4.1 38.1 4/5/2016 22:45 1.3 37.9 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:55 3.5 38.8 4/5/2016 23:00 7.5 39 4/5/2016 23:00 7.5 39 4/5/2016 23:05 3 39.9 4/5/2016 23:05 3 39.9 4/5/2016 23:10 5.1 40.6 4/5/2016 23:25 2 39.8 4/5/2016 23:25 2 39.8 4/5/2016 23:30 3.2 40 4/5/2016</td> <td>4/5/2016 21:55 0 69.8 4/5/2016 22:00 7.2 39.1 4/5/2016 22:05 9.4 36.9 4/5/2016 22:10 1.6 37.4 4/5/2016 22:15 6.7 36.9 4/5/2016 22:20 1.7 37.7 4/5/2016 22:25 1.3 39 4/5/2016 22:30 3.3 38.4 4/5/2016 22:35 3.7 38.2 4/5/2016 22:40 4.1 38.1 4/5/2016 22:45 1.3 37.9 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 3.5 38.8 4/5/2016 22:50 3.5 38.8 4/5/2016 23:00 7.5 39 4/5/2016 23:05 3 39 4/5/2016 23:10 5.1 40.6 4/5/2016 23:20 1.3 39.9 4/5/2016 23:25 2 39.8 4/5/2016 23:35 2.2 40 4/5/2016 23:35 2.2 40.3 4/5/2</td>	4/5/2016 21:55 0 4/5/2016 22:00 7.2 4/5/2016 22:05 9.4 4/5/2016 22:10 1.6 4/5/2016 22:15 6.7 4/5/2016 22:20 1.7 4/5/2016 22:25 1.3 4/5/2016 22:30 3.3 4/5/2016 22:35 3.7 4/5/2016 22:40 4.1 4/5/2016 22:45 1.3 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 22:55 3.5 4/5/2016 23:00 7.5 4/5/2016 23:05 3 4/5/2016 23:10 5.1 4/5/2016 23:15 8.1 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:30 3.2 4/5/2016 23:35 2.2 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:40 7.3 4/5/2016 23:45 0	4/5/2016 21:55 0 4/5/2016 22:00 7.2 4/5/2016 22:05 9.4 4/5/2016 22:10 1.6 4/5/2016 22:15 6.7 4/5/2016 22:20 1.7 4/5/2016 22:25 1.3 4/5/2016 22:30 3.3 4/5/2016 22:35 3.7 4/5/2016 22:35 3.7 4/5/2016 22:40 4.1 4/5/2016 22:45 1.3 4/5/2016 22:50 1.2 4/5/2016 22:50 1.2 4/5/2016 22:55 3.5 4/5/2016 23:00 7.5 4/5/2016 23:00 7.5 4/5/2016 23:05 3 4/5/2016 23:05 3 4/5/2016 23:10 5.1 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:25 2 4/5/2016 23:30 3.2 4/5/2016 23:30 3.2 4/5/2016 23:30 3.2 4/5/2016 23:35 2.2 4/5/2016 23:40 7.3 4/5/2016 23:45 0	4/5/2016 21:55 0 69.8 4/5/2016 22:00 7.2 39.1 4/5/2016 22:05 9.4 36.9 4/5/2016 22:10 1.6 37.4 4/5/2016 22:15 6.7 36.9 4/5/2016 22:20 1.7 37.7 4/5/2016 22:25 1.3 39 4/5/2016 22:30 3.3 38.4 4/5/2016 22:35 3.7 38.2 4/5/2016 22:40 4.1 38.1 4/5/2016 22:45 1.3 37.9 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:55 3.5 38.8 4/5/2016 23:00 7.5 39 4/5/2016 23:00 7.5 39 4/5/2016 23:05 3 39.9 4/5/2016 23:05 3 39.9 4/5/2016 23:10 5.1 40.6 4/5/2016 23:25 2 39.8 4/5/2016 23:25 2 39.8 4/5/2016 23:30 3.2 40 4/5/2016	4/5/2016 21:55 0 69.8 4/5/2016 22:00 7.2 39.1 4/5/2016 22:05 9.4 36.9 4/5/2016 22:10 1.6 37.4 4/5/2016 22:15 6.7 36.9 4/5/2016 22:20 1.7 37.7 4/5/2016 22:25 1.3 39 4/5/2016 22:30 3.3 38.4 4/5/2016 22:35 3.7 38.2 4/5/2016 22:40 4.1 38.1 4/5/2016 22:45 1.3 37.9 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 1.2 38.8 4/5/2016 22:50 3.5 38.8 4/5/2016 22:50 3.5 38.8 4/5/2016 23:00 7.5 39 4/5/2016 23:05 3 39 4/5/2016 23:10 5.1 40.6 4/5/2016 23:20 1.3 39.9 4/5/2016 23:25 2 39.8 4/5/2016 23:35 2.2 40 4/5/2016 23:35 2.2 40.3 4/5/2

You will then highlight the corresponding column that you want plotted on the graph.

In this case we are going to graph the temperature so we highlight this section. Then press return.

You should ensure that the columns line up with the same amount of data cells or else the data may become skewed.



You should now have a graph that shows the measurement on the Y-axis and the time/date across the X-Axis.

There are many different formatting options you can choose to do now to better format the data.

