A	B	C	D	E	F	G	H	Rise & Fall Records using Microsoft Excel
	Station	Backsight	Inter mediate	Foresight	Fall(-) Rise(+)	Reduced Level	Remarks	
1	A	B	C	D	E	G		
2	**B**	1.325				100		
3	**C**		2.55		=C4-D5	=G4+F5		
4	D		3.125		=D5-D6	=G5+F6		
5	**E**		2.89		=D6-D7	=G6+F7		
6	**F**		2.05		=D7-D8	=G7+F8		
7	G		1.85		=D8-D9	=G8+F9		
8	**H**		1.35		=D9-D10	=G9+F10		
9	**J**		1.97		=D10-D11	=G10+F11		
10	K		2.83		=D11-D12	=G11+F12		
11	**L**	0.9		4.75	=D12-E13	=G12+F13	Change Point	
12	**M**		1.28		=C13-D14	=G13+F14		
13	N		2.09		=D14-D15	=G14+F15		
14	**O**		1.84		=D15-D16	=G15+F16		
15	**P**		1.875		=D16-D17	=G16+F17		
16	Q	3.375		0.25	=D17-E18	=G17+F18	Change Point	
17	**R**		2.76		=C18-D19	=G18+F19		
18	**S**		1.98		=D19-D20	=G19+F20		
19	T		2.56		=D20-D21	=G20+F21		
20	**U**		3.22		=D21-D22	=G21+F22		
21	**V**			0.595	=D22-E23	=G22+F23		
		=SUM(C4:C23)		=SUM(E4:E23)	=SUM(F5:F23)			
			=C24-E24					

Record the data (Backsight, Intermediate sight & Foresight) in the appropriate columns cells.

1) Click on Cell **F5** (make it active) and select the = sign.
   Now you can put the formula in the cell
   (Always use the = sign for formula input)
   Then click on cell **C4** hit the minus button and click on **D5**
   hit ► Enter (first formula is entered in **F5** Value = -1.225
   is shown

2) Make Cell **F6** active and select **=**
   then click on D5 minus **D6** and ► Enter (Value = -0575)

3) Copy the formula down to Row 12.

4) Make Cell F13 active and select = (Change Point)
   click on **D12** minus **E13** ►Enter (Value =-1.92)

5) Make Cell F14 active and select = (Change Point)
   then click on **C13** minus D**14** ► Enter (Value =-0.38)

6) Make Cell F15 active and select =
   now click on D**14** minus **D15** ► **Enter (Value =-0.81)**

7) copy the formula down to Row 17

Complete the formula follow the above steps
Remember that Change point have BS & FS and require different inputs