Calc1Sheet

0.56
20.00
0.56

Count	Degree F x	Degree C y	Error	Measurement y'
		,		,
1	32.00	0.00	18.17	18.17
2	37.00	2.78	17.72	20.50
3	42.00	5.56	0.79	6.34
4	47.00	8.33	3.58	11.91
5	52.00	11.11	-2.04	9.07
6	57.00	13.89	-12.10	1.79
7	62.00	16.67	4.71	21.38
8	67.00	19.44	-18.59	0.86
9	72.00	22.22	11.18	33.41
10	77.00	25.00	-2.83	22.17
11	82.00	27.78	3.07	30.85
12	87.00	30.56	-15.97	14.58
13	92.00	33.33	12.35	45.69
14	97.00	36.11	-7.08	29.04
15	102.00	38.89	-6.19	32.70
16	107.00	41.67	-14.31	27.35
17	112.00	44.44	0.64	45.09
18	117.00	47.22	0.49	47.71
19	122.00	50.00	-15.43	34.57
20	127.00	52.78	0.13	52.91
21	132.00	55.56	11.87	67.43
22	137.00	58.33	-1.52	56.82
23	142.00	61.11	-13.94	47.17
24	147.00	63.89	-8.57	55.32
25	152.00	66.67	-1.46	65.20
26	157.00	69.44	-0.08	69.36
27	162.00	72.22	-11.11	61.11
28	167.00	75.00	-1.99	73.01
29	172.00	77.78	-6.83	70.95
30	177.00	80.56	2.39	82.94
31	182.00	83.33	-11.78	71.55
32	187.00	86.11	3.59	89.70
33	192.00	88.89	-1.90	86.99
34	197.00	91.67	18.51	110.18
35	202.00	94.44	5.04	99.48

Calc1Sheet

36	207.00	97.22	12.73	109.96
37	212.00	100.00	8.52	108.52

- = Slope
- = Intercept
- = Magnitude of Noise
- = Calculated Slope (SxSy-nSyx)/(Sx*Sx-n*Sxx)
- = Calculated Intercept (Sy-m*Sx)/n

		= Sum_x
Derived	Derived	
x*y'	x*x	$4514.00 = Sum_x$
		1831.78 = Sum_y'
581.32	1024.00	282243.84 = Sum_xy'
758.54	1369.00	656158.00 = Sum_x2
266.36	1764.00	
559.97	2209.00	
471.58	2704.00	Theory vs. Dat
101.75	3249.00	Theory vs. Dar
1325.46	3844.00	
57.47	4489.00	Temperature Conve
2405.20	5184.00	
1707.25	5929.00	120.00
2529.55	6724.00	120.00
1268.67	7569.00	
4203.15	8464.00	100.00
2816.41	9409.00	100.00
3335.66	10404.00	
2926.78	11449.00	80.00
5049.97	12544.00	
5582.49	13689.00	
4217.90	14884.00	60.00
6719.53	16129.00	σ σσισσ
8900.12	17424.00	Degree Celsius
7783.88	18769.00	40.00
6698.83	20164.00	
8132.46	21609.00	be Company
9911.04	23104.00	20.00
10890.02	24649.00	
9900.16	26244.00	
12192.97	27889.00	0.00
12203.08	29584.00	0.00 50.00 100.00 150.00 200
14681.05	31329.00	
13022.27	33124.00	-20.00
16773.32	34969.00	
16701.67	36864.00	
21704.59	38809.00	-40.00
20095.17	40804.00	
		5

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Calc1Sheet

22761.08 42849.00 23007.09 44944.00 Degree ⊦ahrenheit

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ersion

