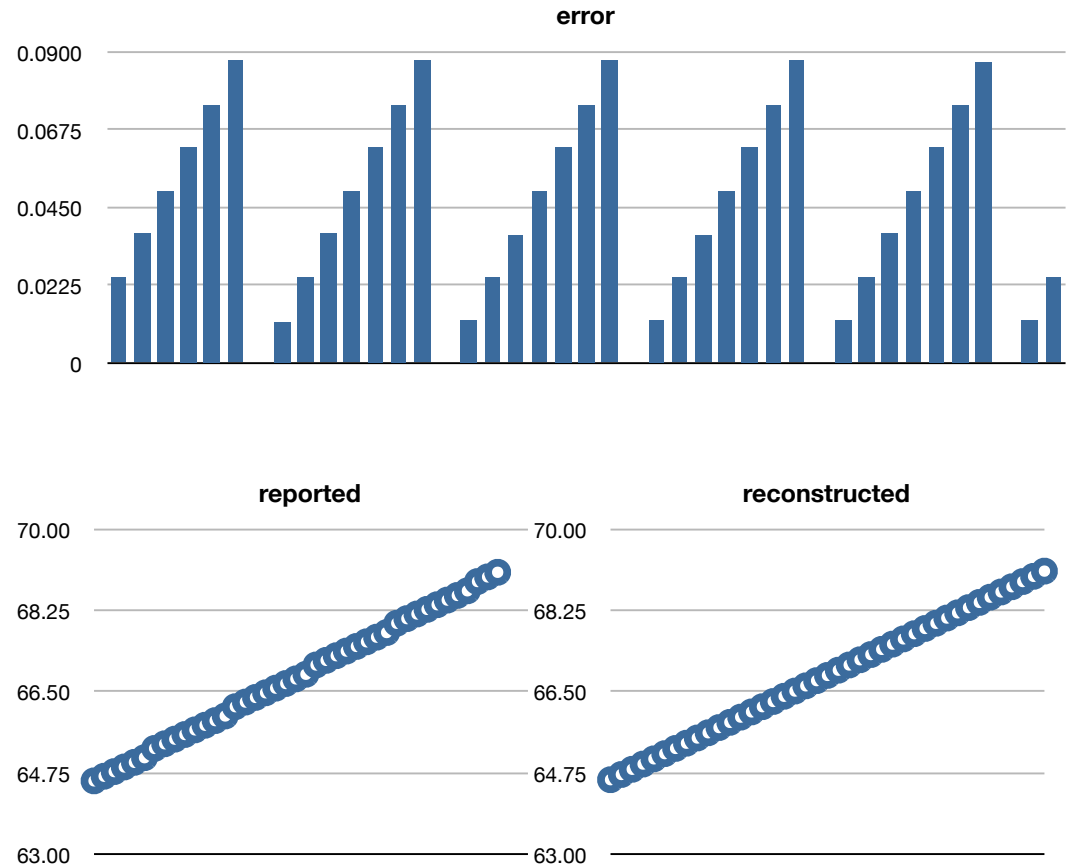


digitized	fahrenheit	reported	error	reconstructed
290	646.250	64.6	0.0250	64.6250
291	647.375	64.7	0.0375	64.7375
292	648.500	64.8	0.0500	64.8500
293	649.625	64.9	0.0625	64.9625
294	650.750	65.0	0.0750	65.0750
295	651.875	65.1	0.0875	65.1875
296	653.000	65.3	0.0000	65.3000
297	654.125	65.4	0.0125	65.4125
298	655.250	65.5	0.0250	65.5250
299	656.375	65.6	0.0375	65.6375
300	657.500	65.7	0.0500	65.7500
301	658.625	65.8	0.0625	65.8625
302	659.750	65.9	0.0750	65.9750
303	660.875	66.0	0.0875	66.0875
304	662.000	66.2	0.0000	66.2000
305	663.125	66.3	0.0125	66.3125
306	664.250	66.4	0.0250	66.4250
307	665.375	66.5	0.0375	66.5375
308	666.500	66.6	0.0500	66.6500
309	667.625	66.7	0.0625	66.7625
310	668.750	66.8	0.0750	66.8750
311	669.875	66.9	0.0875	66.9875
312	671.000	67.1	0.0000	67.1000
313	672.125	67.2	0.0125	67.2125
314	673.250	67.3	0.0250	67.3250
315	674.375	67.4	0.0375	67.4375
316	675.500	67.5	0.0500	67.5500
317	676.625	67.6	0.0625	67.6625
318	677.750	67.7	0.0750	67.7750
319	678.875	67.8	0.0875	67.8875
320	680.000	68.0	0.0000	68.0000
321	681.125	68.1	0.0125	68.1125
322	682.250	68.2	0.0250	68.2250
323	683.375	68.3	0.0375	68.3375
324	684.500	68.4	0.0500	68.4500
325	685.625	68.5	0.0625	68.5625
326	686.750	68.6	0.0750	68.6750
327	687.875	68.7	0.0875	68.7875
328	689.000	68.9	0.0000	68.9000
329	690.125	69.0	0.0125	69.0125
330	691.250	69.1	0.0250	69.1250

9	10	11	12	bits converted
0.5000	0.2500	0.1250	0.0625	resolution in centigrade
0.9000	0.4500	0.2250	0.1125	resolution in Fahrenheit

Note: 12-bit resolution is slightly less than one tenth degree Fahrenheit. That means no information is lost reporting to the tenth of a degree. However, linearity is sacrificed if the reported numbers are used without compensation.



Reconstruction formula:
 $\text{MOD}(\text{reported} * 10 + 4, 9) * 0.0125 + \text{reported}$