

Density of water

Deg C	Deg F	Deg F^2	lb/ft3	lb/gal	linear	quad.	Regression Output:			
20	68	4624	62.3164	8.3317027	8.3450507	8.332444	Constant		8.3653937	
24	75.2	5655.04	62.2598	8.3241353	8.3308818	8.3240935	Std Err of Y Est		0.0005155	
30	86	7396	62.1568	8.3103642	8.3096283	8.3098223	R Squared		0.9999471	
34	93.2	8686.24	62.077	8.2996949	8.2954594	8.2991444	No. of Observations		12	
40	104	10816	61.9428	8.2817524	8.274206	8.2813821	Degrees of Freedom		9	
44	111.2	12365.44	61.844	8.2685428	8.260037	8.2683769	X Coefficient(s)	0.000126	-0.000009	
50	122	14884	61.682	8.2468834	8.2387836	8.2471234	Std Err of Coef.	0.0000417	0.0000002	
54	129.2	16692.64	61.566	8.2313742	8.2246147	8.2317908				
60	140	19600	61.38	8.206506	8.2033613	8.2070463				
64	147.2	21667.84	61.249	8.1889913	8.1891923	8.1893863				
70	158	24964	61.041	8.1611817	8.1679389	8.1611507				
74	165.2	27291.04	60.896	8.1417952	8.15377	8.1411632				

	constant	x coef	x^2 coef	R^2	Deg. of Fr
linear	8.4788685	-0.001968		0.9849172	10
quadratic	8.3653937	0.000126	-0.000009	0.9999471	9

