

Saturation Index Factors
SI= pH + Tf + Cf + Af - TDSf

Temperature		Calcium Hardness		Alkalinity	
°F	Tf	ppm	Cf	ppm	Af
32	0.0	25	1.0	25	1.4
37	0.1	50	1.3	50	1.7
46	0.2	75	1.5	75	1.9
53	0.3	100	1.6	100	2.0
60	0.4	125	1.7	125	2.1
66	0.5	150	1.8	150	2.2
76	0.6	200	1.9	200	2.3
84	0.7	250	2.0	250	2.4
94	0.8	300	2.1	300	2.5
105	0.9	400	2.2	400	2.6
		800	2.5	800	2.9

TDS	Factor
≤800	12.1
801-1,500	12.2
1,501-2,900	12.3
2,901-5,500	12.4
>5,500	12.5