

Salinity (PSU) at various temperatures and specific gravities

when the specific gravity is taken with a hydrometer calibrated at , 25°C/25°C (77°F/77°F)

These values take into account the changes in water density at which the hydrometer was calibrated for

	23.0°C	23.5°C	24.0°C	24.5°C	25.0°C	25.5°C	26.0°C	26.5°C	27.0°C	27.5°C	28.0°C	28.5°C	29.0°C	29.5°C	30.0°C
1.0200	25.73	25.93	26.15	26.34	26.56	26.78	27.00	27.22	27.44	27.69	27.91	28.15	28.37	28.61	28.86
1.0202	26.00	26.20	26.42	26.61	26.83	27.05	27.27	27.49	27.71	27.95	28.17	28.42	28.64	28.91	29.13
1.0204	26.25	26.46	26.66	26.88	27.10	27.32	27.54	27.76	27.98	28.23	28.44	28.69	28.93	29.15	29.39
1.0206	26.51	26.73	26.93	27.15	27.37	27.59	27.81	28.03	28.25	28.47	28.71	28.96	29.20	29.42	29.66
1.0208	26.78	27.00	27.20	27.42	27.64	27.83	28.08	28.30	28.52	28.74	28.98	29.22	29.44	29.69	29.93
1.0210	27.05	27.25	27.47	27.69	27.88	28.10	28.32	28.56	28.78	29.03	29.25	29.49	29.71	29.96	30.20
1.0212	27.32	27.51	27.73	27.93	28.15	28.37	28.59	28.81	29.05	29.30	29.52	29.76	29.98	30.22	30.47
1.0214	27.56	27.78	27.98	28.20	28.42	28.64	28.86	29.08	29.32	29.54	29.79	30.03	30.25	30.49	30.76
1.0216	27.83	28.05	28.25	28.47	28.69	28.90	29.13	29.34	29.59	29.81	30.05	30.27	30.52	30.76	31.01
1.0218	28.10	28.32	28.52	28.74	28.96	29.17	29.39	29.61	29.85	30.08	30.32	30.54	30.84	31.03	31.27
1.0220	28.37	28.56	28.78	29.00	29.22	29.44	29.66	29.88	30.13	30.35	30.57	30.83	31.05	31.30	31.54
1.0222	28.61	28.83	29.05	29.27	29.49	29.71	29.93	30.15	30.37	30.62	30.86	31.10	31.32	31.57	31.81
1.0224	28.88	29.10	29.32	29.52	29.74	29.96	30.20	30.42	30.64	30.88	31.13	31.35	31.59	31.84	32.08
1.0226	29.15	29.37	29.57	29.79	30.00	30.22	30.47	30.69	30.91	31.15	31.40	31.62	31.86	32.10	32.35
1.0228	29.42	29.61	29.83	30.05	30.27	30.49	30.71	30.96	31.18	31.42	31.64	31.88	32.13	32.37	32.62
1.0230	29.66	29.88	30.10	30.32	30.54	30.76	30.98	31.22	31.44	31.69	31.91	32.15	32.40	32.64	32.89
1.0232	29.93	30.15	30.37	30.59	30.81	31.03	31.25	31.49	31.71	31.93	32.18	32.42	32.67	32.91	33.15
1.0234	30.20	30.42	30.62	30.86	31.05	31.30	31.52	31.74	31.98	32.20	32.45	32.69	32.93	33.18	33.42
1.0236	30.47	30.66	30.88	31.10	31.32	31.57	31.79	32.01	32.25	32.47	32.71	32.96	33.20	33.45	33.69
1.0238	30.71	30.93	31.15	31.37	31.59	31.81	32.06	32.27	32.52	32.74	32.98	33.23	33.47	33.72	33.96
1.0240	30.98	31.20	31.42	31.64	31.86	32.08	32.32	32.54	32.76	33.01	33.25	33.50	33.74	33.98	34.23
1.0242	31.25	31.47	31.89	31.91	32.13	32.35	32.57	32.81	33.03	33.28	33.52	33.76	34.01	34.25	34.50
1.0244	31.52	31.74	31.93	32.18	32.40	32.62	32.84	33.08	33.30	33.54	33.79	34.03	34.28	34.52	34.77
1.0246	31.79	31.98	32.20	32.42	32.67	32.89	33.10	33.35	33.57	33.81	34.06	34.28	34.55	34.79	35.03
1.0248	32.03	32.25	32.47	32.69	32.91	33.15	33.37	33.59	33.84	34.08	34.33	34.57	34.81	35.06	35.30
1.0250	32.30	32.52	32.74	32.96	33.18	33.42	33.64	33.86	34.11	34.35	34.59	34.84	35.08	35.66	35.57
1.0252	32.57	32.79	33.01	33.23	33.45	33.69	33.91	34.13	34.38	34.62	34.86	35.11	35.35	35.60	35.84
1.0254	32.84	33.06	33.25	33.50	33.72	33.93	34.18	34.40	34.64	34.89	35.11	35.35	35.60	35.84	36.66
1.0256	33.08	33.30	33.52	33.74	33.98	34.20	34.42	34.67	34.91	35.16	35.38	35.62	35.86	36.11	36.38
1.0258	33.35	33.57	33.79	34.01	34.23	34.47	34.69	34.94	35.16	35.40	35.34	35.89	36.13	36.45	36.65
1.0260	33.62	33.84	34.06	34.28	34.50	34.74	34.96	35.20	35.42	35.67	35.91	36.16	36.43	36.67	36.91
1.0262	33.89	34.08	34.33	34.55	34.77	35.01	35.23	35.45	35.69	35.94	36.18	36.43	36.67	36.91	37.18
1.0264	34.13	34.35	34.57	34.81	35.03	35.25	35.50	35.72	35.96	36.21	36.45	36.69	36.94	37.18	37.45
1.0266	34.40	34.62	34.84	35.06	35.30	35.52	35.74	35.99	36.23	36.47	36.72	36.96	37.21	37.45	37.70
1.0268	34.67	34.89	35.11	35.33	35.55	35.79	36.01	36.25	36.50	36.74	36.99	37.23	37.48	37.72	37.96
1.0270	34.91	35.16	35.38	35.60	35.81	36.06	36.28	36.52	36.77	37.01	37.26	37.50	37.74	37.99	38.23

The relationship between the Practical Salinity Scale and older measures of salinity (typically measured in parts per thousand) is nearly, but not quite 1:1