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

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