

TABLE 2. THERMODYNAMIC PROPERTIES OF WATER AT SATURATION^a (Continued)

FAHR. TEMP. (°F)	ABSOLUTE PRESSURE $p_s \times 10^3$		SPECIFIC VOLUME, CU FT PER LB			ENTHALPY, BTU PER LB			ENTROPY, BTU PER (LB) (°F)			FAHR. TEMP. (°F)
	Lb/Sq In.	In. Hg	Sat. Solid v_f	Evap. $v_{fg} \times 10^{-3}$	Sat. Vapor $v_g \times 10^{-3}$	Sat. Solid h_f	Evap. h_{fg}	Sat. Vapor h_g	Sat. Solid s_f	Evap. s_{fg}	Sat. Vapor s_g	
-96	3.212	6.539	0.01729	6.745	6.745	-199.78	1218.44	1018.66	-0.4235	3.3502	2.9267	-96
-95	3.491	7.108	0.01729	6.223	6.223	-199.40	1218.50	1019.10	-0.4225	3.3412	2.9187	-95
-94	3.793	7.722	0.01729	5.743	5.743	-199.02	1218.56	1019.54	-0.4214	3.3322	2.9109	-94
-93	4.118	8.385	0.01730	5.303	5.303	-198.64	1218.62	1019.98	-0.4204	3.3233	2.9029	-93
-92	4.470	9.102	0.01730	4.899	4.899	-198.25	1218.68	1020.43	-0.4194	3.3145	2.8951	-92
-91	4.850	9.876	0.01730	4.528	4.528	-197.87	1218.74	1020.87	-0.4183	3.3056	2.8873	-91
-90	5.260	10.71	0.01730	4.186	4.186	-197.49	1218.80	1021.31	-0.4173	3.2969	2.8796	-90
-89	5.702	11.61	0.01730	3.872	3.872	-197.10	1218.85	1021.75	-0.4162	3.2880	2.8718	-89
-88	6.170	12.58	0.01730	3.583	3.583	-196.72	1218.92	1022.20	-0.4152	3.2794	2.8642	-88
-87	6.692	13.63	0.01730	3.317	3.317	-196.33	1218.97	1022.64	-0.4142	3.2708	2.8566	-87
-86	7.245	14.75	0.01730	3.072	3.072	-195.94	1219.02	1023.08	-0.4131	3.2621	2.8490	-86
-85	7.841	15.96	0.01730	2.846	2.846	-195.56	1219.08	1023.52	-0.4121	3.2536	2.8415	-85
-84	8.482	17.27	0.01731	2.638	2.638	-195.16	1219.12	1023.96	-0.4110	3.2450	2.8340	-84
-83	9.171	18.67	0.01731	2.446	2.446	-194.78	1219.18	1024.40	-0.4100	3.2366	2.8266	-83
-82	9.913	20.15	0.01731	2.270	2.270	-194.38	1219.23	1024.85	-0.4090	3.2282	2.8192	-82
-81	10.71	21.81	0.01731	2.106	2.106	-193.99	1219.28	1025.29	-0.4079	3.2197	2.8118	-81
-80	11.57	23.55	0.01731	1.955	1.955	-193.60	1219.33	1025.73	-0.4069	3.2114	2.8045	-80
-79	12.49	25.42	0.01731	1.816	1.816	-193.20	1219.37	1026.17	-0.4058	3.2030	2.7972	-79
-78	13.47	27.43	0.01731	1.687	1.687	-192.81	1219.43	1026.62	-0.4048	3.1948	2.7900	-78
-77	14.53	29.59	0.01732	1.568	1.568	-192.41	1219.47	1027.06	-0.4038	3.1866	2.7828	-77
-76	15.67	31.91	0.01732	1.458	1.458	-192.01	1219.51	1027.50	-0.4028	3.1784	2.7756	-76
-75	16.89	34.39	0.01732	1.356	1.356	-191.62	1219.56	1027.94	-0.4017	3.1702	2.7685	-75
-74	18.20	37.05	0.01732	1.262	1.262	-191.22	1219.60	1028.38	-0.4007	3.1622	2.7615	-74
-73	19.60	39.91	0.01732	1.175	1.175	-190.82	1219.65	1028.83	-0.3996	3.1540	2.7544	-73
-72	21.10	42.96	0.01732	1.094	1.094	-190.41	1219.68	1029.27	-0.3986	3.1460	2.7474	-72
-71	22.71	46.24	0.01732	1.020	1.020	-190.01	1219.72	1029.71	-0.3976	3.1381	2.7405	-71
-70	24.43	49.74	0.01732	0.9501	0.9501	-189.61	1219.76	1030.15	-0.3965	3.1301	2.7330	-70
-69	26.27	53.49	0.01732	0.8858	0.8858	-189.20	1219.80	1030.60	-0.3955	3.1222	2.7267	-69
-68	28.24	57.51	0.01733	0.8261	0.8261	-188.80	1219.84	1031.04	-0.3945	3.1143	2.7198	-68
-67	30.35	61.80	0.01733	0.7707	0.7707	-188.39	1219.87	1031.48	-0.3934	3.1064	2.7130	-67
-66	32.60	66.38	0.01733	0.7193	0.7193	-187.98	1219.90	1031.92	-0.3924	3.0987	2.7063	-66
-65	35.01	71.28	0.01733	0.6715	0.6715	-187.58	1219.94	1032.36	-0.3914	3.0910	2.6996	-65

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	Lb/Sq In.	In. Hg	Sat. Solid v_f	Evap. $v_{fg} \times 10^{-3}$	Sat. Vapor $v_g \times 10^{-3}$	Sat. Solid h_f	Evap. h_{fg}	Sat. Vapor h_g	Sat. Solid s_f	Evap. s_{fg}	Sat. Vapor s_g	
-64	0.3758	0.7652	0.01733	6.272	6.272	-187.17	1219.98	1032.81	-0.3903	3.0832	2.6929	-64
-63	0.4033	0.8211	0.01733	5.859	5.859	-186.76	1220.01	1033.25	-0.3893	3.0755	2.6862	-63
-62	0.4326	0.8808	0.01734	5.476	5.476	-186.35	1220.04	1033.69	-0.3882	3.0678	2.6796	-62
-61	0.4639	0.9444	0.01734	5.120	5.120	-185.93	1220.06	1034.13	-0.3872	3.0602	2.6730	-61
-60	0.4972	1.012	0.01734	4.788	4.788	-185.52	1220.10	1034.58	-0.3862	3.0526	2.6664	-60
-59	0.5328	1.085	0.01734	4.479	4.479	-185.11	1220.13	1035.02	-0.3851	3.0450	2.6599	-59
-58	0.5708	1.162	0.01734	4.192	4.192	-184.69	1220.15	1035.46	-0.3841	3.0376	2.6535	-58
-57	0.6112	1.244	0.01734	3.925	3.925	-184.28	1220.18	1035.90	-0.3831	3.0301	2.6470	-57
-56	0.6543	1.332	0.01734	3.675	3.675	-183.86	1220.20	1036.34	-0.3820	3.0226	2.6406	-56
-55	0.7001	1.426	0.01734	3.443	3.443	-183.44	1220.23	1036.79	-0.3810	3.0152	2.6342	-55
-54	0.7489	1.525	0.01735	3.226	3.226	-183.02	1220.25	1037.23	-0.3800	3.0079	2.6279	-54
-53	0.8009	1.631	0.01735	3.024	3.024	-182.60	1220.27	1037.67	-0.3789	3.0005	2.6216	-53
-52	0.8562	1.743	0.01735	2.836	2.836	-182.18	1220.29	1038.11	-0.3779	2.9932	2.6153	-52
-51	0.9151	1.863	0.01735	2.660	2.660	-181.76	1220.31	1038.55	-0.3769	2.9860	2.6091	-51
-50	0.9776	1.990	0.01735	2.496	2.496	-181.34	1220.34	1039.00	-0.3758	2.9786	2.6028	-50
-49	1.044	2.126	0.01735	2.343	2.343	-180.92	1220.36	1039.44	-0.3748	2.9715	2.5967	-49
-48	1.115	2.270	0.01736	2.200	2.200	-180.49	1220.37	1039.88	-0.3738	2.9643	2.5905	-48
-47	1.190	2.422	0.01736	2.066	2.066	-180.06	1220.38	1040.32	-0.3727	2.9571	2.5844	-47
-46	1.270	2.585	0.01736	1.941	1.941	-179.64	1220.40	1040.76	-0.3717	2.9501	2.5784	-46
-45	1.354	2.757	0.01736	1.824	1.824	-179.21	1220.42	1041.21	-0.3707	2.9430	2.5723	-45
-44	1.444	2.940	0.01736	1.715	1.715	-178.78	1220.43	1041.65	-0.3696	2.9359	2.5663	-44
-43	1.539	3.134	0.01736	1.612	1.612	-178.35	1220.44	1042.09	-0.3686	2.9289	2.5603	-43
-42	1.641	3.340	0.01736	1.516	1.516	-177.92	1220.45	1042.53	-0.3676	2.9219	2.5543	-42
-41	1.748	3.559	0.01736	1.427	1.427	-177.49	1220.47	1042.98	-0.3665	2.9149	2.5484	-41
-40	1.861	3.790	0.01737	1.343	1.343	-177.06	1220.48	1043.42	-0.3655	2.9080	2.5425	-40
-39	1.982	4.035	0.01737	1.264	1.264	-176.63	1220.49	1043.86	-0.3645	2.9012	2.5367	-39
-38	2.110	4.295	0.01737	1.191	1.191	-176.19	1220.49	1044.30	-0.3634	2.8942	2.5308	-38
-37	2.245	4.570	0.01737	1.122	1.122	-175.76	1220.50	1044.74	-0.3624	2.8874	2.5250	-37
-36	2.388	4.862	0.01737	1.057	1.057	-175.32	1220.51	1045.19	-0.3614	2.8807	2.5193	-36
-35	2.540	5.170	0.01737	0.9961	0.9961	-174.88	1220.51	1045.63	-0.3604	2.8739	2.5135	-35
-34	2.700	5.497	0.01737	0.9391	0.9391	-174.45	1220.52	1046.07	-0.3593	2.8671	2.5078	-34
-33	2.870	5.843	0.01738	0.8857	0.8857	-174.01	1220.52	1046.51	-0.3583	2.8604	2.5021	-33

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