

**Table 3. Compressed Water and Superheated Steam**

<b>0.01 MPa (<math>t_s = 45.806</math> °C)</b>				$t_s$ , °C	<b>0.02 MPa (<math>t_s = 60.058</math> °C)</b>				$t_s$ , °C	<b>0.03 MPa (<math>t_s = 69.095</math> °C)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.010 27	989.83	191.81	0.649 20	$t_{s(L)}$	1.017 16	983.13	251.42	0.832 02	$t_{s(L)}$	1.022 24	978.25	289.27	0.944 07
14 670.	0.068 166	2583.9	8.1488	$t_{s(V)}$	7648.0	0.130 75	2608.9	7.9072	$t_{s(V)}$	5228.4	0.191 26	2624.5	7.7675
<i>*1.000 20</i>	<i>999.80</i>	<i>-0.03</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 20</i>	<i>999.80</i>	<i>-0.02</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 19</i>	<i>999.81</i>	<i>-0.01</i>	<i>-0.000 15</i>
1.000 08	999.92	21.03	0.076 25	<b>5</b>	1.000 07	999.93	21.04	0.076 25	<b>5</b>	1.000 07	999.93	21.05	0.076 25
1.000 34	999.66	42.03	0.151 09	<b>10</b>	1.000 34	999.66	42.04	0.151 08	<b>10</b>	1.000 33	999.67	42.05	0.151 08
1.000 94	999.06	62.99	0.224 46	<b>15</b>	1.000 94	999.06	63.00	0.224 46	<b>15</b>	1.000 93	999.07	63.01	0.224 46
1.001 84	998.17	83.92	0.296 48	<b>20</b>	1.001 83	998.17	83.93	0.296 48	<b>20</b>	1.001 83	998.17	83.94	0.296 48
1.003 00	997.01	104.84	0.367 22	<b>25</b>	1.003 00	997.01	104.84	0.367 22	<b>25</b>	1.002 99	997.02	104.85	0.367 22
1.004 41	995.61	125.74	0.436 75	<b>30</b>	1.004 41	995.61	125.75	0.436 75	<b>30</b>	1.004 40	995.62	125.76	0.436 75
1.006 04	993.99	146.64	0.505 13	<b>35</b>	1.006 04	994.00	146.65	0.505 13	<b>35</b>	1.006 03	994.00	146.66	0.505 12
1.007 89	992.18	167.54	0.572 40	<b>40</b>	1.007 88	992.18	167.54	0.572 40	<b>40</b>	1.007 88	992.19	167.55	0.572 39
1.009 92	990.17	188.44	0.638 61	<b>45</b>	1.009 92	990.18	188.44	0.638 61	<b>45</b>	1.009 92	990.18	188.45	0.638 61
14 867.	0.067 263	2592.0	8.1741	<b>50</b>	1.012 15	988.00	209.35	0.703 81	<b>50</b>	1.012 14	988.00	209.36	0.703 80
15 101.	0.066 220	2601.6	8.2036	<b>55</b>	1.014 55	985.66	230.26	0.768 02	<b>55</b>	1.014 55	985.66	230.27	0.768 02
15 335.	0.065 211	2611.2	8.2326	<b>60</b>	1.017 13	983.16	251.18	0.831 29	<b>60</b>	1.017 12	983.16	251.19	0.831 29
15 568.	0.064 233	2620.7	8.2611	<b>65</b>	7764.8	0.128 79	2618.6	7.9360	<b>65</b>	1.019 87	980.52	272.12	0.893 65
15 801.	0.063 285	2630.3	8.2891	<b>70</b>	7882.6	0.126 86	2628.3	7.9646	<b>70</b>	5242.8	0.190 74	2626.3	7.7727
16 034.	0.062 366	2639.8	8.3167	<b>75</b>	8000.2	0.125 00	2638.0	7.9927	<b>75</b>	5322.0	0.187 90	2636.2	7.8013
16 267.	0.061 474	2649.3	8.3439	<b>80</b>	8117.6	0.123 19	2647.7	8.0202	<b>80</b>	5401.0	0.185 15	2646.0	7.8292
16 500.	0.060 607	2658.9	8.3707	<b>85</b>	8234.8	0.121 44	2657.4	8.0474	<b>85</b>	5479.7	0.182 49	2655.8	7.8567
16 732.	0.059 766	2668.4	8.3971	<b>90</b>	8351.8	0.119 73	2667.0	8.0741	<b>90</b>	5558.3	0.179 91	2665.5	7.8837
16 964.	0.058 947	2677.9	8.4232	<b>95</b>	8468.7	0.118 08	2676.6	8.1004	<b>95</b>	5636.8	0.177 41	2675.3	7.9103
17 196.	0.058 152	2687.5	8.4489	<b>100</b>	8585.5	0.116 48	2686.2	8.1263	<b>100</b>	5715.1	0.174 97	2685.0	7.9365
17 428.	0.057 378	2697.0	8.4742	<b>105</b>	8702.2	0.114 91	2695.8	8.1519	<b>105</b>	5793.3	0.172 61	2694.7	7.9623
17 660.	0.056 624	2706.5	8.4993	<b>110</b>	8818.7	0.113 40	2705.4	8.1771	<b>110</b>	5871.4	0.170 32	2704.3	7.9877
17 892.	0.055 890	2716.1	8.5240	<b>115</b>	8935.2	0.111 92	2715.0	8.2020	<b>115</b>	5949.5	0.168 08	2714.0	8.0128
18 124.	0.055 176	2725.6	8.5484	<b>120</b>	9051.6	0.110 48	2724.6	8.2266	<b>120</b>	6027.4	0.165 91	2723.7	8.0375
18 356.	0.054 479	2735.2	8.5726	<b>125</b>	9167.9	0.109 08	2734.2	8.2509	<b>125</b>	6105.3	0.163 79	2733.3	8.0620
18 587.	0.053 800	2744.7	8.5964	<b>130</b>	9284.1	0.107 71	2743.9	8.2749	<b>130</b>	6183.0	0.161 73	2743.0	8.0861
18 819.	0.053 138	2754.3	8.6200	<b>135</b>	9400.3	0.106 38	2753.5	8.2986	<b>135</b>	6260.8	0.159 72	2752.6	8.1099
19 050.	0.052 493	2763.9	8.6434	<b>140</b>	9516.4	0.105 08	2763.1	8.3220	<b>140</b>	6338.5	0.157 77	2762.3	8.1334
19 282.	0.051 863	2773.4	8.6664	<b>145</b>	9632.5	0.103 81	2772.7	8.3451	<b>145</b>	6416.1	0.155 86	2772.0	8.1566
19 513.	0.051 247	2783.0	8.6892	<b>150</b>	9748.6	0.102 58	2782.3	8.3680	<b>150</b>	6493.7	0.154 00	2781.6	8.1796
19 745.	0.050 647	2792.6	8.7118	<b>155</b>	9864.6	0.101 37	2792.0	8.3907	<b>155</b>	6571.2	0.152 18	2791.3	8.2023
19 976.	0.050 060	2802.3	8.7341	<b>160</b>	9980.5	0.100 20	2801.6	8.4131	<b>160</b>	6648.7	0.150 40	2801.0	8.2248
20 207.	0.049 487	2811.9	8.7562	<b>165</b>	10 096.	0.099 045	2811.3	8.4352	<b>165</b>	6726.2	0.148 67	2810.7	8.2470
20 438.	0.048 927	2821.5	8.7781	<b>170</b>	10 212.	0.097 921	2820.9	8.4572	<b>170</b>	6803.6	0.146 98	2820.4	8.2690
20 670.	0.048 380	2831.2	8.7997	<b>175</b>	10 328.	0.096 822	2830.6	8.4789	<b>175</b>	6881.1	0.145 33	2830.1	8.2908
20 901.	0.047 845	2840.8	8.8212	<b>180</b>	10 444.	0.095 748	2840.3	8.5004	<b>180</b>	6958.4	0.143 71	2839.8	8.3123
21 132.	0.047 321	2850.5	8.8424	<b>185</b>	10 560.	0.094 698	2850.0	8.5216	<b>185</b>	7035.8	0.142 13	2849.5	8.3337
21 363.	0.046 809	2860.2	8.8634	<b>190</b>	10 676.	0.093 671	2859.7	8.5427	<b>190</b>	7113.1	0.140 58	2859.2	8.3548
21 594.	0.046 308	2869.9	8.8843	<b>195</b>	10 791.	0.092 666	2869.4	8.5636	<b>195</b>	7190.5	0.139 07	2868.9	8.3757
21 826.	0.045 818	2879.6	8.9049	<b>200</b>	10 907.	0.091 682	2879.1	8.5843	<b>200</b>	7267.7	0.137 59	2878.7	8.3964
22 288.	0.044 868	2899.1	8.9456	<b>210</b>	11 139.	0.089 777	2898.6	8.6250	<b>210</b>	7422.3	0.134 73	2898.2	8.4372
22 750.	0.043 956	2918.6	8.9856	<b>220</b>	11 370.	0.087 950	2918.2	8.6651	<b>220</b>	7576.8	0.131 98	2917.8	8.4773
23 212.	0.043 081	2938.1	9.0248	<b>230</b>	11 601.	0.086 197	2937.8	8.7044	<b>230</b>	7731.2	0.129 35	2937.4	8.5167
23 674.	0.042 240	2957.8	9.0635	<b>240</b>	11 833.	0.084 512	2957.4	8.7431	<b>240</b>	7885.5	0.126 81	2957.1	8.5554
24 136.	0.041 432	2977.4	9.1015	<b>250</b>	12 064.	0.082 892	2977.1	8.7811	<b>250</b>	8039.9	0.124 38	2976.8	8.5935
24 598.	0.040 654	2997.2	9.1388	<b>260</b>	12 295.	0.081 333	2996.9	8.8185	<b>260</b>	8194.1	0.122 04	2996.6	8.6309
25 060.	0.039 904	3017.0	9.1756	<b>270</b>	12 526.	0.079 832	3016.7	8.8553	<b>270</b>	8348.4	0.119 78	3016.4	8.6678
25 522.	0.039 182	3036.8	9.2118	<b>280</b>	12 757.	0.078 386	3036.6	8.8916	<b>280</b>	8502.6	0.117 61	3036.3	8.7041
25 984.	0.038 486	3056.8	9.2475	<b>290</b>	12 989.	0.076 991	3056.5	8.9273	<b>290</b>	8656.8	0.115 52	3056.2	8.7398

\*Values in italics indicate points where the thermodynamic equilibrium state would be a solid; the computed values are for the metastable liquid.

**Table 3. Compressed Water and Superheated Steam (continued)**

0.01 MPa ( $t_s = 45.806\text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	0.02 MPa ( $t_s = 60.058\text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	0.03 MPa ( $t_s = 69.095\text{ }^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$			$v$	$\rho$	$h$	$s$			$v$	$\rho$	$h$	$s$	
26 446.	0.037 814	3076.7	9.2827	<b>300</b>	13 220.	0.075 645	3076.5	8.9625	<b>300</b>	8811.0	0.113 49	3076.2	8.7750			
26 907.	0.037 164	3096.8	9.3173	<b>310</b>	13 451.	0.074 346	3096.5	8.9972	<b>310</b>	8965.1	0.111 54	3096.3	8.8097			
27 369.	0.036 537	3116.9	9.3515	<b>320</b>	13 682.	0.073 090	3116.7	9.0314	<b>320</b>	9119.2	0.109 66	3116.4	8.8439			
27 831.	0.035 931	3137.0	9.3852	<b>330</b>	13 913.	0.071 876	3136.8	9.0651	<b>330</b>	9273.3	0.107 84	3136.6	8.8777			
28 293.	0.035 345	3157.3	9.4185	<b>340</b>	14 144.	0.070 703	3157.1	9.0983	<b>340</b>	9427.4	0.106 07	3156.9	8.9110			
28 755.	0.034 777	3177.5	9.4513	<b>350</b>	14 375.	0.069 566	3177.4	9.1312	<b>350</b>	9581.5	0.104 37	3177.2	8.9438			
29 216.	0.034 228	3197.9	9.4837	<b>360</b>	14 606.	0.068 466	3197.7	9.1636	<b>360</b>	9735.6	0.102 72	3197.5	8.9763			
29 678.	0.033 695	3218.3	9.5157	<b>370</b>	14 837.	0.067 400	3218.1	9.1956	<b>370</b>	9889.6	0.101 12	3218.0	9.0083			
30 140.	0.033 179	3238.8	9.5473	<b>380</b>	15 068.	0.066 367	3238.6	9.2272	<b>380</b>	10 044.	0.099 565	3238.5	9.0399			
30 601.	0.032 678	3259.3	9.5785	<b>390</b>	15 299.	0.065 365	3259.2	9.2584	<b>390</b>	10 198.	0.098 062	3259.0	9.0711			
31 063.	0.032 193	3279.9	9.6094	<b>400</b>	15 530.	0.064 393	3279.8	9.2893	<b>400</b>	10 352.	0.096 603	3279.6	9.1020			
31 525.	0.031 721	3300.6	9.6398	<b>410</b>	15 760.	0.063 450	3300.5	9.3198	<b>410</b>	10 506.	0.095 187	3300.3	9.1325			
31 986.	0.031 263	3321.4	9.6700	<b>420</b>	15 991.	0.062 534	3321.2	9.3499	<b>420</b>	10 660.	0.093 811	3321.1	9.1627			
32 448.	0.030 818	3342.2	9.6998	<b>430</b>	16 222.	0.061 644	3342.0	9.3797	<b>430</b>	10 814.	0.092 476	3341.9	9.1925			
32 910.	0.030 386	3363.0	9.7293	<b>440</b>	16 453.	0.060 779	3362.9	9.4092	<b>440</b>	10 968.	0.091 177	3362.8	9.2220			
33 371.	0.029 966	3384.0	9.7584	<b>450</b>	16 684.	0.059 937	3383.9	9.4384	<b>450</b>	11 122.	0.089 915	3383.7	9.2511			
33 833.	0.029 557	3405.0	9.7873	<b>460</b>	16 915.	0.059 119	3404.9	9.4672	<b>460</b>	11 276.	0.088 687	3404.7	9.2800			
34 295.	0.029 159	3426.1	9.8158	<b>470</b>	17 146.	0.058 323	3425.9	9.4958	<b>470</b>	11 430.	0.087 493	3425.8	9.3086			
34 756.	0.028 772	3447.2	9.8441	<b>480</b>	17 377.	0.057 548	3447.1	9.5241	<b>480</b>	11 584.	0.086 330	3447.0	9.3368			
35 218.	0.028 395	3468.4	9.8721	<b>490</b>	17 608.	0.056 794	3468.3	9.5520	<b>490</b>	11 737.	0.085 197	3468.2	9.3648			
35 680.	0.028 027	3489.7	9.8998	<b>500</b>	17 838.	0.056 059	3489.6	9.5798	<b>500</b>	11 891.	0.084 094	3489.5	9.3925			
36 603.	0.027 320	3532.5	9.9544	<b>520</b>	18 300.	0.054 644	3532.4	9.6344	<b>520</b>	12 199.	0.081 972	3532.3	9.4471			
37 526.	0.026 648	3575.5	10.008	<b>540</b>	18 762.	0.053 300	3575.4	9.6880	<b>540</b>	12 507.	0.079 954	3575.3	9.5007			
38 449.	0.026 008	3618.8	10.061	<b>560</b>	19 224.	0.052 020	3618.7	9.7406	<b>560</b>	12 815.	0.078 034	3618.6	9.5534			
39 372.	0.025 398	3662.4	10.112	<b>580</b>	19 685.	0.050 800	3662.3	9.7923	<b>580</b>	13 123.	0.076 203	3662.2	9.6051			
40 296.	0.024 817	3706.3	10.163	<b>600</b>	20 147.	0.049 636	3706.2	9.8431	<b>600</b>	13 431.	0.074 457	3706.1	9.6559			
41 219.	0.024 261	3750.4	10.213	<b>620</b>	20 609.	0.048 524	3750.4	9.8932	<b>620</b>	13 738.	0.072 789	3750.3	9.7060			
42 142.	0.023 729	3794.9	10.262	<b>640</b>	21 070.	0.047 461	3794.8	9.9424	<b>640</b>	14 046.	0.071 193	3794.7	9.7552			
43 065.	0.023 221	3839.6	10.311	<b>660</b>	21 532.	0.046 443	3839.5	9.9908	<b>660</b>	14 354.	0.069 667	3839.5	9.8036			
43 988.	0.022 733	3884.6	10.358	<b>680</b>	21 993.	0.045 468	3884.5	10.039	<b>680</b>	14 662.	0.068 204	3884.5	9.8514			
44 911.	0.022 266	3929.9	10.406	<b>700</b>	22 455.	0.044 533	3929.8	10.086	<b>700</b>	14 970.	0.066 802	3929.8	9.8984			
45 834.	0.021 818	3975.5	10.452	<b>720</b>	22 917.	0.043 636	3975.4	10.132	<b>720</b>	15 277.	0.065 456	3975.4	9.9448			
46 758.	0.021 387	4021.3	10.498	<b>740</b>	23 378.	0.042 775	4021.3	10.178	<b>740</b>	15 585.	0.064 164	4021.2	9.9905			
47 681.	0.020 973	4067.5	10.543	<b>760</b>	23 840.	0.041 947	4067.4	10.223	<b>760</b>	15 893.	0.062 921	4067.4	10.036			
48 604.	0.020 575	4113.9	10.587	<b>780</b>	24 301.	0.041 150	4113.9	10.267	<b>780</b>	16 201.	0.061 726	4113.8	10.080			
49 527.	0.020 191	4160.6	10.631	<b>800</b>	24 763.	0.040 383	4160.6	10.311	<b>800</b>	16 508.	0.060 575	4160.5	10.124			
50 450.	0.019 822	4207.6	10.675	<b>820</b>	25 225.	0.039 644	4207.6	10.355	<b>820</b>	16 816.	0.059 467	4207.5	10.167			
51 373.	0.019 465	4254.9	10.717	<b>840</b>	25 686.	0.038 931	4254.8	10.397	<b>840</b>	17 124.	0.058 398	4254.8	10.210			
52 296.	0.019 122	4302.4	10.760	<b>860</b>	26 148.	0.038 244	4302.4	10.440	<b>860</b>	17 432.	0.057 367	4302.3	10.253			
53 219.	0.018 790	4350.2	10.802	<b>880</b>	26 609.	0.037 581	4350.2	10.482	<b>880</b>	17 739.	0.056 372	4350.2	10.294			
54 142.	0.018 470	4398.3	10.843	<b>900</b>	27 071.	0.036 940	4398.3	10.523	<b>900</b>	18 047.	0.055 411	4398.3	10.336			
55 065.	0.018 160	4446.7	10.884	<b>920</b>	27 532.	0.036 321	4446.7	10.564	<b>920</b>	18 355.	0.054 482	4446.6	10.377			
55 989.	0.017 861	4495.3	10.924	<b>940</b>	27 994.	0.035 722	4495.3	10.604	<b>940</b>	18 663.	0.053 583	4495.3	10.417			
56 912.	0.017 571	4544.2	10.964	<b>960</b>	28 456.	0.035 142	4544.2	10.644	<b>960</b>	18 970.	0.052 714	4544.2	10.457			
57 835.	0.017 291	4593.4	11.004	<b>980</b>	28 917.	0.034 582	4593.4	10.684	<b>980</b>	19 278.	0.051 873	4593.3	10.497			
58 758.	0.017 019	4642.8	11.043	<b>1000</b>	29 379.	0.034 038	4642.8	10.723	<b>1000</b>	19 586.	0.051 058	4642.8	10.536			
63 373.	0.015 780	4893.7	11.233	<b>1100</b>	31 686.	0.031 559	4893.7	10.913	<b>1100</b>	21 124.	0.047 339	4893.7	10.725			
67 988.	0.014 708	5150.7	11.413	<b>1200</b>	33 994.	0.029 417	5150.7	11.093	<b>1200</b>	22 663.	0.044 125	5150.7	10.906			
72 604.	0.013 773	5413.4	11.586	<b>1300</b>	36 302.	0.027 547	5413.4	11.266	<b>1300</b>	24 201.	0.041 320	5413.4	11.079			
77 219.	0.012 950	5681.3	11.751	<b>1400</b>	38 610.	0.025 900	5681.3	11.431	<b>1400</b>	25 740.	0.038 850	5681.2	11.244			
81 834.	0.012 220	5954.0	11.909	<b>1500</b>	40 917.	0.024 440	5954.0	11.589	<b>1500</b>	27 278.	0.036 659	5953.9	11.402			
86 450.	0.011 567	6231.1	12.061	<b>1600</b>	43 225.	0.023 135	6231.1	11.741	<b>1600</b>	28 817.	0.034 702	6231.1	11.554			
95 680.	0.010 452	6797.2	12.348	<b>1800</b>	47 840.	0.020 903	6797.2	12.028	<b>1800</b>	31 894.	0.031 354	6797.2	11.841			
104 910.	0.009 532	7377.0	12.615	<b>2000</b>	52 455.	0.019 064	7377.0	12.295	<b>2000</b>	34 970.	0.028 596	7377.0	12.108			

**Table 3. Compressed Water and Superheated Steam (continued)**

0.04 MPa ( $t_s = 75.857 \text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.05 MPa ( $t_s = 81.317 \text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.06 MPa ( $t_s = 85.926 \text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.026 38	974.30	317.62	1.0261	$t_s(\text{L})$	1.029 93	970.94	340.54	1.0912	$t_s(\text{L})$	1.033 07	967.99	359.91	1.1454
3993.0	0.250 44	2636.1	7.6690	$t_s(\text{V})$	3240.0	0.308 64	2645.2	7.5930	$t_s(\text{V})$	2731.7	0.366 07	2652.9	7.5311
<i>1.000 19</i>	<i>999.81</i>	<i>0.00</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 18</i>	<i>999.82</i>	<i>0.01</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 18</i>	<i>999.82</i>	<i>0.02</i>	<i>-0.000 15</i>
1.000 06	999.94	21.06	0.076 25	<b>5</b>	1.000 06	999.94	21.07	0.076 25	<b>5</b>	1.000 05	999.95	21.08	0.076 25
1.000 33	999.67	42.06	0.151 08	<b>10</b>	1.000 32	999.68	42.07	0.151 08	<b>10</b>	1.000 32	999.68	42.08	0.151 08
1.000 93	999.07	63.02	0.224 46	<b>15</b>	1.000 92	999.08	63.03	0.224 46	<b>15</b>	1.000 92	999.08	63.04	0.224 45
1.001 82	998.18	83.95	0.296 48	<b>20</b>	1.001 82	998.18	83.96	0.296 47	<b>20</b>	1.001 82	998.19	83.97	0.296 47
1.002 99	997.02	104.86	0.367 22	<b>25</b>	1.002 98	997.02	104.87	0.367 21	<b>25</b>	1.002 98	997.03	104.88	0.367 21
1.004 40	995.62	125.77	0.436 74	<b>30</b>	1.004 39	995.63	125.78	0.436 74	<b>30</b>	1.004 39	995.63	125.78	0.436 74
1.006 03	994.01	146.66	0.505 12	<b>35</b>	1.006 03	994.01	146.67	0.505 11	<b>35</b>	1.006 02	994.02	146.68	0.505 11
1.007 87	992.19	167.56	0.572 39	<b>40</b>	1.007 87	992.19	167.57	0.572 39	<b>40</b>	1.007 86	992.20	167.58	0.572 38
1.009 91	990.19	188.46	0.638 60	<b>45</b>	1.009 91	990.19	188.47	0.638 60	<b>45</b>	1.009 90	990.19	188.48	0.638 59
1.012 14	988.01	209.37	0.703 80	<b>50</b>	1.012 13	988.01	209.37	0.703 79	<b>50</b>	1.012 13	988.02	209.38	0.703 79
1.014 54	985.67	230.28	0.768 01	<b>55</b>	1.014 54	985.67	230.29	0.768 01	<b>55</b>	1.014 53	985.68	230.29	0.768 00
1.017 12	983.17	251.20	0.831 28	<b>60</b>	1.017 11	983.17	251.21	0.831 28	<b>60</b>	1.017 11	983.18	251.21	0.831 27
1.019 86	980.52	272.13	0.893 64	<b>65</b>	1.019 86	980.53	272.14	0.893 64	<b>65</b>	1.019 85	980.53	272.14	0.893 63
1.022 77	977.74	293.07	0.955 13	<b>70</b>	1.022 76	977.74	293.08	0.955 12	<b>70</b>	1.022 76	977.75	293.09	0.955 12
1.025 84	974.82	314.03	1.0158	<b>75</b>	1.025 83	974.82	314.04	1.0158	<b>75</b>	1.025 83	974.82	314.05	1.0158
4042.5	0.247 37	2644.3	7.6925	<b>80</b>	1.029 05	971.77	335.01	1.0756	<b>80</b>	1.029 05	971.77	335.02	1.0756
4102.1	0.243 78	2654.2	7.7204	<b>85</b>	3275.4	0.305 30	2652.6	7.6138	<b>85</b>	1.032 43	968.59	356.02	1.1346
4161.5	0.240 30	2664.1	7.7477	<b>90</b>	3323.3	0.300 90	2662.6	7.6415	<b>90</b>	2764.5	0.361 73	2661.1	7.5540
4220.8	0.236 92	2673.9	7.7746	<b>95</b>	3371.1	0.296 64	2672.5	7.6686	<b>95</b>	2804.6	0.356 56	2671.1	7.5814
4279.9	0.233 65	2683.7	7.8010	<b>100</b>	3418.7	0.292 51	2682.4	7.6953	<b>100</b>	2844.5	0.351 56	2681.1	7.6084
4338.9	0.230 47	2693.5	7.8270	<b>105</b>	3466.1	0.288 50	2692.3	7.7215	<b>105</b>	2884.3	0.346 70	2691.1	7.6348
4397.8	0.227 39	2703.2	7.8527	<b>110</b>	3513.5	0.284 62	2702.1	7.7474	<b>110</b>	2924.0	0.342 00	2701.0	7.6609
4456.6	0.224 39	2713.0	7.8779	<b>115</b>	3560.8	0.280 84	2711.9	7.7728	<b>115</b>	2963.6	0.337 43	2710.9	7.6865
4515.3	0.221 47	2722.7	7.9028	<b>120</b>	3608.0	0.277 16	2721.7	7.7978	<b>120</b>	3003.1	0.332 99	2720.7	7.7117
4573.9	0.218 63	2732.4	7.9274	<b>125</b>	3655.1	0.273 59	2731.5	7.8225	<b>125</b>	3042.5	0.328 68	2730.5	7.7365
4632.5	0.215 87	2742.1	7.9516	<b>130</b>	3702.1	0.270 12	2741.2	7.8469	<b>130</b>	3081.9	0.324 48	2740.3	7.7610
4691.0	0.213 17	2751.8	7.9755	<b>135</b>	3749.1	0.266 73	2751.0	7.8710	<b>135</b>	3121.2	0.320 39	2750.1	7.7852
4749.5	0.210 55	2761.5	7.9992	<b>140</b>	3796.0	0.263 43	2760.7	7.8947	<b>140</b>	3160.4	0.316 42	2759.9	7.8090
4807.9	0.207 99	2771.2	8.0225	<b>145</b>	3842.9	0.260 22	2770.5	7.9181	<b>145</b>	3199.6	0.312 54	2769.7	7.8326
4866.2	0.205 50	2780.9	8.0456	<b>150</b>	3889.7	0.257 09	2780.2	7.9413	<b>150</b>	3238.7	0.308 76	2779.5	7.8558
4924.5	0.203 06	2790.6	8.0684	<b>155</b>	3936.5	0.254 03	2790.0	7.9642	<b>155</b>	3277.8	0.305 08	2789.3	7.8788
4982.8	0.200 69	2800.3	8.0909	<b>160</b>	3983.3	0.251 05	2799.7	7.9868	<b>160</b>	3316.9	0.301 49	2799.0	7.9015
5041.1	0.198 37	2810.1	8.1132	<b>165</b>	4030.0	0.248 14	2809.4	8.0091	<b>165</b>	3355.9	0.297 98	2808.8	7.9239
5099.3	0.196 11	2819.8	8.1353	<b>170</b>	4076.6	0.245 30	2819.2	8.0312	<b>170</b>	3394.9	0.294 56	2818.6	7.9461
5157.5	0.193 89	2829.5	8.1571	<b>175</b>	4123.3	0.242 52	2828.9	8.0531	<b>175</b>	3433.8	0.291 22	2828.4	7.9680
5215.6	0.191 73	2839.2	8.1787	<b>180</b>	4169.9	0.239 81	2838.7	8.0748	<b>180</b>	3472.8	0.287 95	2838.1	7.9897
5273.7	0.189 62	2849.0	8.2000	<b>185</b>	4216.5	0.237 16	2848.4	8.0962	<b>185</b>	3511.7	0.284 76	2847.9	8.0112
5331.9	0.187 55	2858.7	8.2212	<b>190</b>	4263.1	0.234 57	2858.2	8.1174	<b>190</b>	3550.6	0.281 65	2857.7	8.0324
5389.9	0.185 53	2868.5	8.2421	<b>195</b>	4309.6	0.232 04	2868.0	8.1384	<b>195</b>	3589.4	0.278 60	2867.5	8.0535
5448.0	0.183 55	2878.2	8.2629	<b>200</b>	4356.2	0.229 56	2877.8	8.1592	<b>200</b>	3628.3	0.275 61	2877.3	8.0743
5564.1	0.179 72	2897.8	8.3038	<b>210</b>	4449.2	0.224 76	2897.4	8.2001	<b>210</b>	3705.9	0.269 84	2896.9	8.1153
5680.1	0.176 05	2917.4	8.3440	<b>220</b>	4542.1	0.220 16	2917.0	8.2404	<b>220</b>	3783.4	0.264 31	2916.6	8.1556
5796.1	0.172 53	2937.0	8.3834	<b>230</b>	4635.0	0.215 75	2936.7	8.2799	<b>230</b>	3860.9	0.259 00	2936.3	8.1952
5912.0	0.169 15	2956.7	8.4222	<b>240</b>	4727.8	0.211 51	2956.4	8.3187	<b>240</b>	3938.4	0.253 91	2956.0	8.2340
6027.8	0.165 90	2976.5	8.4603	<b>250</b>	4820.6	0.207 44	2976.1	8.3568	<b>250</b>	4015.8	0.249 02	2975.8	8.2722
6143.7	0.162 77	2996.3	8.4977	<b>260</b>	4913.4	0.203 53	2996.0	8.3943	<b>260</b>	4093.2	0.244 31	2995.7	8.3098
6259.4	0.159 76	3016.1	8.5346	<b>270</b>	5006.1	0.199 76	3015.8	8.4313	<b>270</b>	4170.5	0.239 78	3015.5	8.3467
6375.2	0.156 86	3036.0	8.5709	<b>280</b>	5098.8	0.196 13	3035.8	8.4676	<b>280</b>	4247.8	0.235 42	3035.5	8.3831
6490.9	0.154 06	3056.0	8.6067	<b>290</b>	5191.4	0.192 63	3055.7	8.5034	<b>290</b>	4325.1	0.231 21	3055.5	8.4189

**Table 3. Compressed Water and Superheated Steam (continued)**

0.04 MPa ( $t_s = 75.857\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.05 MPa ( $t_s = 81.317\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.06 MPa ( $t_s = 85.926\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
6606.6	0.151 36	3076.0	8.6419	<b>300</b>	5284.0	0.189 25	3075.8	8.5386	<b>300</b>	4402.3	0.227 15	3075.5	8.4542
6722.3	0.148 76	3096.1	8.6767	<b>310</b>	5376.7	0.185 99	3095.8	8.5734	<b>310</b>	4479.5	0.223 24	3095.6	8.4889
6838.0	0.146 24	3116.2	8.7109	<b>320</b>	5469.2	0.182 84	3116.0	8.6076	<b>320</b>	4556.7	0.219 45	3115.8	8.5232
6953.6	0.143 81	3136.4	8.7447	<b>330</b>	5561.8	0.179 80	3136.2	8.6414	<b>330</b>	4633.9	0.215 80	3136.0	8.5570
7069.3	0.141 46	3156.7	8.7780	<b>340</b>	5654.4	0.176 85	3156.5	8.6747	<b>340</b>	4711.1	0.212 26	3156.3	8.5904
7184.9	0.139 18	3177.0	8.8108	<b>350</b>	5746.9	0.174 01	3176.8	8.7076	<b>350</b>	4788.3	0.208 84	3176.6	8.6232
7300.5	0.136 98	3197.4	8.8433	<b>360</b>	5839.4	0.171 25	3197.2	8.7401	<b>360</b>	4865.4	0.205 53	3197.0	8.6557
7416.1	0.134 84	3217.8	8.8753	<b>370</b>	5931.9	0.168 58	3217.6	8.7721	<b>370</b>	4942.5	0.202 33	3217.4	8.6878
7531.6	0.132 77	3238.3	8.9069	<b>380</b>	6024.4	0.165 99	3238.1	8.8038	<b>380</b>	5019.6	0.199 22	3238.0	8.7194
7647.2	0.130 77	3258.9	8.9382	<b>390</b>	6116.9	0.163 48	3258.7	8.8350	<b>390</b>	5096.7	0.196 20	3258.5	8.7507
7762.8	0.128 82	3279.5	8.9691	<b>400</b>	6209.4	0.161 05	3279.3	8.8659	<b>400</b>	5173.8	0.193 28	3279.2	8.7816
7878.3	0.126 93	3300.2	8.9996	<b>410</b>	6301.9	0.158 68	3300.0	8.8964	<b>410</b>	5250.9	0.190 44	3299.9	8.8121
7993.8	0.125 10	3320.9	9.0297	<b>420</b>	6394.3	0.156 39	3320.8	8.9266	<b>420</b>	5328.0	0.187 69	3320.7	8.8423
8109.4	0.123 31	3341.8	9.0596	<b>430</b>	6486.8	0.154 16	3341.6	8.9564	<b>430</b>	5405.1	0.185 01	3341.5	8.8721
8224.9	0.121 58	3362.6	9.0891	<b>440</b>	6579.2	0.151 99	3362.5	8.9859	<b>440</b>	5482.1	0.182 41	3362.4	8.9017
8340.4	0.119 90	3383.6	9.1182	<b>450</b>	6671.7	0.149 89	3383.5	9.0151	<b>450</b>	5559.2	0.179 88	3383.3	8.9308
8455.9	0.118 26	3404.6	9.1471	<b>460</b>	6764.1	0.147 84	3404.5	9.0440	<b>460</b>	5636.2	0.177 42	3404.4	8.9597
8571.4	0.116 67	3425.7	9.1757	<b>470</b>	6856.5	0.145 85	3425.6	9.0726	<b>470</b>	5713.3	0.175 03	3425.5	8.9883
8686.9	0.115 12	3446.9	9.2039	<b>480</b>	6948.9	0.143 91	3446.7	9.1008	<b>480</b>	5790.3	0.172 70	3446.6	9.0166
8802.4	0.113 61	3468.1	9.2319	<b>490</b>	7041.4	0.142 02	3468.0	9.1288	<b>490</b>	5867.3	0.170 44	3467.9	9.0446
8917.9	0.112 13	3489.4	9.2596	<b>500</b>	7133.8	0.140 18	3489.3	9.1566	<b>500</b>	5944.4	0.168 23	3489.2	9.0723
9148.8	0.109 30	3532.2	9.3143	<b>520</b>	7318.6	0.136 64	3532.1	9.2112	<b>520</b>	6098.4	0.163 98	3532.0	9.1270
9379.8	0.106 61	3575.2	9.3679	<b>540</b>	7503.4	0.133 27	3575.1	9.2648	<b>540</b>	6252.4	0.159 94	3575.0	9.1806
9610.7	0.104 05	3618.5	9.4205	<b>560</b>	7688.1	0.130 07	3618.5	9.3175	<b>560</b>	6406.4	0.156 09	3618.4	9.2332
9841.6	0.101 61	3662.2	9.4723	<b>580</b>	7872.9	0.127 02	3662.1	9.3692	<b>580</b>	6560.4	0.152 43	3662.0	9.2850
10 073.	0.099 280	3706.0	9.5231	<b>600</b>	8057.6	0.124 11	3706.0	9.4201	<b>600</b>	6714.4	0.148 93	3705.9	9.3358
10 303.	0.097 055	3750.2	9.5731	<b>620</b>	8242.4	0.121 32	3750.1	9.4701	<b>620</b>	6868.4	0.145 60	3750.1	9.3859
10 534.	0.094 928	3794.7	9.6223	<b>640</b>	8427.1	0.118 66	3794.6	9.5193	<b>640</b>	7022.3	0.142 40	3794.5	9.4351
10 765.	0.092 892	3839.4	9.6708	<b>660</b>	8611.8	0.116 12	3839.3	9.5678	<b>660</b>	7176.3	0.139 35	3839.3	9.4836
10 996.	0.090 942	3884.4	9.7185	<b>680</b>	8796.5	0.113 68	3884.4	9.6155	<b>680</b>	7330.2	0.136 42	3884.3	9.5313
11 227.	0.089 072	3929.7	9.7656	<b>700</b>	8981.2	0.111 34	3929.7	9.6625	<b>700</b>	7484.1	0.133 62	3929.6	9.5784
11 458.	0.087 277	3975.3	9.8119	<b>720</b>	9165.9	0.109 10	3975.3	9.7089	<b>720</b>	7638.1	0.130 92	3975.2	9.6247
11 689.	0.085 554	4021.2	9.8577	<b>740</b>	9350.6	0.106 94	4021.1	9.7546	<b>740</b>	7792.0	0.128 34	4021.1	9.6705
11 919.	0.083 897	4067.3	9.9028	<b>760</b>	9535.3	0.104 87	4067.3	9.7998	<b>760</b>	7945.9	0.125 85	4067.2	9.7156
12 150.	0.082 303	4113.8	9.9473	<b>780</b>	9720.0	0.102 88	4113.7	9.8443	<b>780</b>	8099.8	0.123 46	4113.7	9.7601
12 381.	0.080 769	4160.5	9.9912	<b>800</b>	9904.7	0.100 96	4160.4	9.8882	<b>800</b>	8253.7	0.121 16	4160.4	9.8040
12 612.	0.079 290	4207.5	10.035	<b>820</b>	10 089.	0.099 115	4207.4	9.9316	<b>820</b>	8407.6	0.118 94	4207.4	9.8474
12 843.	0.077 865	4254.8	10.077	<b>840</b>	10 274.	0.097 333	4254.7	9.9745	<b>840</b>	8561.5	0.116 80	4254.7	9.8903
13 074.	0.076 490	4302.3	10.120	<b>860</b>	10 459.	0.095 614	4302.3	10.017	<b>860</b>	8715.4	0.114 74	4302.2	9.9326
13 304.	0.075 163	4350.1	10.162	<b>880</b>	10 643.	0.093 955	4350.1	10.059	<b>880</b>	8869.3	0.112 75	4350.1	9.9745
13 535.	0.073 882	4398.2	10.203	<b>900</b>	10 828.	0.092 353	4398.2	10.100	<b>900</b>	9023.2	0.110 83	4398.2	10.016
13 766.	0.072 643	4446.6	10.244	<b>920</b>	11 013.	0.090 805	4446.6	10.141	<b>920</b>	9177.1	0.108 97	4446.5	10.057
13 997.	0.071 445	4495.2	10.284	<b>940</b>	11 197.	0.089 307	4495.2	10.181	<b>940</b>	9331.0	0.107 17	4495.2	10.097
14 228.	0.070 286	4544.1	10.324	<b>960</b>	11 382.	0.087 858	4544.1	10.221	<b>960</b>	9484.9	0.105 43	4544.1	10.137
14 458.	0.069 164	4593.3	10.364	<b>980</b>	11 567.	0.086 456	4593.3	10.261	<b>980</b>	9638.8	0.103 75	4593.2	10.177
14 689.	0.068 077	4642.7	10.403	<b>1000</b>	11 751.	0.085 097	4642.7	10.300	<b>1000</b>	9792.7	0.102 12	4642.7	10.216
15 843.	0.063 119	4893.7	10.593	<b>1100</b>	12 674.	0.078 899	4893.7	10.490	<b>1100</b>	10 562.	0.094 679	4893.6	10.406
16 997.	0.058 834	5150.7	10.773	<b>1200</b>	13 598.	0.073 542	5150.7	10.670	<b>1200</b>	11 331.	0.088 251	5150.6	10.586
18 151.	0.055 093	5413.3	10.946	<b>1300</b>	14 521.	0.068 867	5413.3	10.843	<b>1300</b>	12 101.	0.082 640	5413.3	10.759
19 305.	0.051 800	5681.2	11.111	<b>1400</b>	15 444.	0.064 750	5681.2	11.008	<b>1400</b>	12 870.	0.077 700	5681.2	10.924
20 459.	0.048 879	5953.9	11.269	<b>1500</b>	16 367.	0.061 098	5953.9	11.166	<b>1500</b>	13 639.	0.073 318	5953.9	11.082
21 613.	0.046 269	6231.1	11.421	<b>1600</b>	17 290.	0.057 836	6231.1	11.318	<b>1600</b>	14 409.	0.069 403	6231.0	11.234
23 920.	0.041 806	6797.2	11.708	<b>1800</b>	19 136.	0.052 257	6797.2	11.605	<b>1800</b>	15 947.	0.062 708	6797.2	11.521
26 228.	0.038 127	7377.0	11.975	<b>2000</b>	20 982.	0.047 659	7377.0	11.872	<b>2000</b>	17 485.	0.057 190	7377.0	11.788

**Table 3. Compressed Water and Superheated Steam (continued)**

0.07 MPa ( $t_s = 89.932$ °C)				$t_s$ , °C	0.08 MPa ( $t_s = 93.486$ °C)				$t_s$ , °C	0.09 MPa ( $t_s = 96.687$ °C)			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.035 90	965.34	376.75	1.1921	$t_s(L)$	1.038 50	962.93	391.71	1.2330	$t_s(L)$	1.040 91	960.70	405.20	1.2696
2364.8	0.422 87	2659.4	7.4790	$t_s(V)$	2087.1	0.479 14	2665.2	7.4339	$t_s(V)$	1869.4	0.534 94	2670.3	7.3943
<i>1.000 17</i>	<i>999.83</i>	<i>0.03</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 17</i>	<i>999.83</i>	<i>0.04</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 16</i>	<i>999.84</i>	<i>0.05</i>	<i>-0.000 15</i>
1.000 05	999.95	21.09	0.076 25	<b>5</b>	1.000 04	999.96	21.10	0.076 25	<b>5</b>	1.000 04	999.96	21.11	0.076 25
1.000 31	999.69	42.09	0.151 08	<b>10</b>	1.000 31	999.69	42.10	0.151 08	<b>10</b>	1.000 30	999.70	42.11	0.151 08
1.000 91	999.09	63.05	0.224 45	<b>15</b>	1.000 91	999.09	63.06	0.224 45	<b>15</b>	1.000 90	999.10	63.07	0.224 45
1.001 81	998.19	83.98	0.296 47	<b>20</b>	1.001 81	998.20	83.99	0.296 47	<b>20</b>	1.001 80	998.20	84.00	0.296 47
1.002 98	997.03	104.89	0.367 21	<b>25</b>	1.002 97	997.04	104.90	0.367 21	<b>25</b>	1.002 97	997.04	104.91	0.367 20
1.004 38	995.64	125.79	0.436 73	<b>30</b>	1.004 38	995.64	125.80	0.436 73	<b>30</b>	1.004 37	995.64	125.81	0.436 73
1.006 02	994.02	146.69	0.505 11	<b>35</b>	1.006 01	994.02	146.70	0.505 10	<b>35</b>	1.006 01	994.03	146.71	0.505 10
1.007 86	992.20	167.59	0.572 38	<b>40</b>	1.007 85	992.21	167.60	0.572 37	<b>40</b>	1.007 85	992.21	167.61	0.572 37
1.009 90	990.20	188.49	0.638 59	<b>45</b>	1.009 89	990.20	188.50	0.638 58	<b>45</b>	1.009 89	990.21	188.51	0.638 58
1.012 12	988.02	209.39	0.703 78	<b>50</b>	1.012 12	988.03	209.40	0.703 78	<b>50</b>	1.012 11	988.03	209.41	0.703 77
1.014 53	985.68	230.30	0.768 00	<b>55</b>	1.014 52	985.68	230.31	0.767 99	<b>55</b>	1.014 52	985.69	230.32	0.767 99
1.017 11	983.18	251.22	0.831 27	<b>60</b>	1.017 10	983.19	251.23	0.831 26	<b>60</b>	1.017 10	983.19	251.24	0.831 26
1.019 85	980.54	272.15	0.893 63	<b>65</b>	1.019 84	980.54	272.16	0.893 62	<b>65</b>	1.019 84	980.55	272.17	0.893 62
1.022 76	977.75	293.10	0.955 11	<b>70</b>	1.022 75	977.76	293.11	0.955 10	<b>70</b>	1.022 75	977.76	293.11	0.955 10
1.025 82	974.83	314.06	1.0157	<b>75</b>	1.025 82	974.83	314.06	1.0157	<b>75</b>	1.025 81	974.84	314.07	1.0157
1.029 04	971.78	335.03	1.0756	<b>80</b>	1.029 04	971.78	335.04	1.0756	<b>80</b>	1.029 03	971.79	335.05	1.0756
1.032 42	968.60	356.02	1.1346	<b>85</b>	1.032 42	968.60	356.03	1.1346	<b>85</b>	1.032 41	968.61	356.04	1.1346
2365.3	0.422 79	2659.6	7.4794	<b>90</b>	1.035 95	965.30	377.05	1.1929	<b>90</b>	1.035 94	965.30	377.05	1.1929
2399.9	0.416 69	2669.7	7.5072	<b>95</b>	2096.3	0.477 03	2668.3	7.4424	<b>95</b>	1.039 63	961.88	398.09	1.2504
2434.3	0.410 79	2679.8	7.5344	<b>100</b>	2126.7	0.470 22	2678.5	7.4699	<b>100</b>	1887.4	0.529 84	2677.1	7.4126
2468.7	0.405 08	2689.8	7.5611	<b>105</b>	2156.9	0.463 63	2688.6	7.4969	<b>105</b>	1914.4	0.522 36	2687.4	7.4399
2502.9	0.399 54	2699.8	7.5874	<b>110</b>	2187.0	0.457 25	2698.7	7.5233	<b>110</b>	1941.3	0.515 11	2697.5	7.4665
2537.0	0.394 17	2709.8	7.6132	<b>115</b>	2217.0	0.451 06	2708.7	7.5493	<b>115</b>	1968.1	0.508 10	2707.6	7.4927
2571.0	0.388 95	2719.7	7.6385	<b>120</b>	2246.9	0.445 05	2718.7	7.5749	<b>120</b>	1994.8	0.501 29	2717.7	7.5185
2604.9	0.383 89	2729.6	7.6635	<b>125</b>	2276.8	0.439 22	2728.6	7.6000	<b>125</b>	2021.5	0.494 69	2727.7	7.5438
2638.8	0.378 96	2739.5	7.6882	<b>130</b>	2306.5	0.433 56	2738.6	7.6248	<b>130</b>	2048.0	0.488 27	2737.7	7.5687
2672.6	0.374 16	2749.3	7.7124	<b>135</b>	2336.2	0.428 05	2748.5	7.6492	<b>135</b>	2074.5	0.482 04	2747.6	7.5932
2706.4	0.369 50	2759.1	7.7364	<b>140</b>	2365.8	0.422 68	2758.3	7.6733	<b>140</b>	2101.0	0.475 97	2757.5	7.6174
2740.1	0.364 95	2769.0	7.7600	<b>145</b>	2395.4	0.417 46	2768.2	7.6970	<b>145</b>	2127.3	0.470 07	2767.4	7.6412
2773.7	0.360 53	2778.8	7.7834	<b>150</b>	2424.9	0.412 38	2778.1	7.7204	<b>150</b>	2153.7	0.464 32	2777.3	7.6647
2807.3	0.356 21	2788.6	7.8064	<b>155</b>	2454.4	0.407 43	2787.9	7.7435	<b>155</b>	2180.0	0.458 72	2787.2	7.6879
2840.9	0.352 00	2798.4	7.8292	<b>160</b>	2483.9	0.402 60	2797.7	7.7664	<b>160</b>	2206.2	0.453 27	2797.1	7.7108
2874.4	0.347 90	2808.2	7.8517	<b>165</b>	2513.3	0.397 88	2807.6	7.7889	<b>165</b>	2232.4	0.447 95	2806.9	7.7335
2907.9	0.343 89	2818.0	7.8739	<b>170</b>	2542.7	0.393 29	2817.4	7.8113	<b>170</b>	2258.6	0.442 75	2816.8	7.7559
2941.4	0.339 98	2827.8	7.8959	<b>175</b>	2572.0	0.388 80	2827.2	7.8333	<b>175</b>	2284.7	0.437 69	2826.7	7.7780
2974.8	0.336 16	2837.6	7.9177	<b>180</b>	2601.3	0.384 42	2837.1	7.8551	<b>180</b>	2310.9	0.432 74	2836.5	7.7998
3008.2	0.332 42	2847.4	7.9392	<b>185</b>	2630.6	0.380 14	2846.9	7.8767	<b>185</b>	2336.9	0.427 91	2846.4	7.8214
3041.6	0.328 77	2857.2	7.9605	<b>190</b>	2659.9	0.375 95	2856.7	7.8980	<b>190</b>	2363.0	0.423 19	2856.2	7.8428
3075.0	0.325 21	2867.0	7.9815	<b>195</b>	2689.1	0.371 87	2866.5	7.9191	<b>195</b>	2389.1	0.418 58	2866.1	7.8640
3108.3	0.321 72	2876.8	8.0024	<b>200</b>	2718.4	0.367 87	2876.4	7.9400	<b>200</b>	2415.1	0.414 07	2875.9	7.8849
3175.0	0.314 96	2896.5	8.0435	<b>210</b>	2776.8	0.360 13	2896.1	7.9812	<b>210</b>	2467.1	0.405 34	2895.6	7.9262
3241.5	0.308 50	2916.2	8.0839	<b>220</b>	2835.1	0.352 72	2915.8	8.0216	<b>220</b>	2519.0	0.396 99	2915.4	7.9667
3308.0	0.302 29	2935.9	8.1235	<b>230</b>	2893.4	0.345 62	2935.5	8.0613	<b>230</b>	2570.8	0.388 98	2935.2	8.0064
3374.5	0.296 34	2955.7	8.1624	<b>240</b>	2951.6	0.338 80	2955.3	8.1002	<b>240</b>	2622.7	0.381 29	2955.0	8.0454
3440.9	0.290 62	2975.5	8.2006	<b>250</b>	3009.8	0.332 25	2975.2	8.1385	<b>250</b>	2674.4	0.373 91	2974.8	8.0837
3507.3	0.285 12	2995.4	8.2382	<b>260</b>	3067.9	0.325 95	2995.0	8.1761	<b>260</b>	2726.2	0.366 82	2994.7	8.1213
3573.6	0.279 83	3015.3	8.2752	<b>270</b>	3126.0	0.319 90	3015.0	8.2131	<b>270</b>	2777.9	0.359 99	3014.7	8.1584
3640.0	0.274 73	3035.2	8.3116	<b>280</b>	3184.1	0.314 06	3034.9	8.2496	<b>280</b>	2829.5	0.353 42	3034.7	8.1949
3706.2	0.269 81	3055.2	8.3474	<b>290</b>	3242.1	0.308 44	3055.0	8.2854	<b>290</b>	2881.1	0.347 08	3054.7	8.2307

**Table 3. Compressed Water and Superheated Steam (continued)**

0.07 MPa ( $t_s = 89.932\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.08 MPa ( $t_s = 93.486\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.09 MPa ( $t_s = 96.687\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
3772.5	0.265 08	3075.3	8.3827	<b>300</b>	3300.1	0.303 02	3075.0	8.3208	<b>300</b>	2932.8	0.340 98	3074.8	8.2661
3838.7	0.260 50	3095.4	8.4175	<b>310</b>	3358.1	0.297 78	3095.1	8.3556	<b>310</b>	2984.3	0.335 08	3094.9	8.3009
3905.0	0.256 08	3115.6	8.4518	<b>320</b>	3416.1	0.292 73	3115.3	8.3899	<b>320</b>	3035.9	0.329 39	3115.1	8.3353
3971.2	0.251 82	3135.8	8.4856	<b>330</b>	3474.1	0.287 85	3135.6	8.4237	<b>330</b>	3087.5	0.323 89	3135.4	8.3691
4037.3	0.247 69	3156.1	8.5190	<b>340</b>	3532.0	0.283 12	3155.9	8.4571	<b>340</b>	3139.0	0.318 57	3155.7	8.4025
4103.5	0.243 69	3176.4	8.5519	<b>350</b>	3589.9	0.278 56	3176.2	8.4900	<b>350</b>	3190.5	0.313 43	3176.0	8.4354
4169.7	0.239 83	3196.8	8.5844	<b>360</b>	3647.8	0.274 13	3196.6	8.5225	<b>360</b>	3242.0	0.308 45	3196.4	8.4679
4235.8	0.236 08	3217.3	8.6164	<b>370</b>	3705.7	0.269 85	3217.1	8.5546	<b>370</b>	3293.5	0.303 63	3216.9	8.5000
4301.9	0.232 45	3237.8	8.6481	<b>380</b>	3763.6	0.265 70	3237.6	8.5863	<b>380</b>	3345.0	0.298 96	3237.5	8.5317
4368.0	0.228 94	3258.4	8.6794	<b>390</b>	3821.5	0.261 68	3258.2	8.6176	<b>390</b>	3396.4	0.294 43	3258.1	8.5630
4434.1	0.225 52	3279.0	8.7103	<b>400</b>	3879.4	0.257 77	3278.9	8.6485	<b>400</b>	3447.9	0.290 03	3278.7	8.5939
4500.2	0.222 21	3299.7	8.7408	<b>410</b>	3937.2	0.253 99	3299.6	8.6790	<b>410</b>	3499.3	0.285 77	3299.4	8.6245
4566.3	0.218 99	3320.5	8.7710	<b>420</b>	3995.1	0.250 31	3320.4	8.7092	<b>420</b>	3550.8	0.281 63	3320.2	8.6547
4632.4	0.215 87	3341.3	8.8009	<b>430</b>	4052.9	0.246 74	3341.2	8.7391	<b>430</b>	3602.2	0.277 61	3341.1	8.6846
4698.5	0.212 84	3362.3	8.8304	<b>440</b>	4110.7	0.243 27	3362.1	8.7686	<b>440</b>	3653.6	0.273 70	3362.0	8.7141
4764.5	0.209 88	3383.2	8.8596	<b>450</b>	4168.6	0.239 89	3383.1	8.7978	<b>450</b>	3705.0	0.269 90	3383.0	8.7433
4830.6	0.207 01	3404.3	8.8885	<b>460</b>	4226.4	0.236 61	3404.1	8.8267	<b>460</b>	3756.4	0.266 21	3404.0	8.7722
4896.6	0.204 22	3425.4	8.9170	<b>470</b>	4284.2	0.233 42	3425.2	8.8553	<b>470</b>	3807.8	0.262 62	3425.1	8.8008
4962.7	0.201 50	3446.5	8.9453	<b>480</b>	4342.0	0.230 31	3446.4	8.8836	<b>480</b>	3859.2	0.259 12	3446.3	8.8291
5028.7	0.198 86	3467.8	8.9733	<b>490</b>	4399.8	0.227 28	3467.6	8.9116	<b>490</b>	3910.6	0.255 71	3467.5	8.8571
5094.8	0.196 28	3489.1	9.0011	<b>500</b>	4457.6	0.224 34	3488.9	8.9393	<b>500</b>	3962.0	0.252 40	3488.8	8.8849
5226.8	0.191 32	3531.9	9.0557	<b>520</b>	4573.2	0.218 67	3531.8	8.9940	<b>520</b>	4064.8	0.246 02	3531.7	8.9396
5358.9	0.186 61	3574.9	9.1094	<b>540</b>	4688.7	0.213 28	3574.8	9.0476	<b>540</b>	4167.5	0.239 95	3574.7	8.9932
5490.9	0.182 12	3618.3	9.1620	<b>560</b>	4804.3	0.208 15	3618.2	9.1003	<b>560</b>	4270.2	0.234 18	3618.1	9.0459
5622.9	0.177 84	3661.9	9.2138	<b>580</b>	4919.8	0.203 26	3661.8	9.1521	<b>580</b>	4372.9	0.228 68	3661.7	9.0976
5754.9	0.173 76	3705.8	9.2646	<b>600</b>	5035.3	0.198 60	3705.7	9.2029	<b>600</b>	4475.6	0.223 43	3705.7	9.1485
5886.9	0.169 87	3750.0	9.3147	<b>620</b>	5150.8	0.194 14	3749.9	9.2530	<b>620</b>	4578.3	0.218 42	3749.8	9.1986
6018.9	0.166 14	3794.5	9.3639	<b>640</b>	5266.3	0.189 89	3794.4	9.3022	<b>640</b>	4681.0	0.213 63	3794.3	9.2478
6150.9	0.162 58	3839.2	9.4124	<b>660</b>	5381.8	0.185 81	3839.1	9.3507	<b>660</b>	4783.7	0.209 04	3839.1	9.2963
6282.8	0.159 16	3884.2	9.4601	<b>680</b>	5497.3	0.181 91	3884.2	9.3984	<b>680</b>	4886.3	0.204 65	3884.1	9.3440
6414.8	0.155 89	3929.5	9.5072	<b>700</b>	5612.8	0.178 16	3929.5	9.4455	<b>700</b>	4989.0	0.200 44	3929.4	9.3911
6546.7	0.152 75	3975.1	9.5535	<b>720</b>	5728.3	0.174 57	3975.1	9.4919	<b>720</b>	5091.6	0.196 40	3975.0	9.4375
6678.7	0.149 73	4021.0	9.5993	<b>740</b>	5843.7	0.171 12	4021.0	9.5376	<b>740</b>	5194.3	0.192 52	4020.9	9.4832
6810.6	0.146 83	4067.2	9.6444	<b>760</b>	5959.2	0.167 81	4067.1	9.5827	<b>760</b>	5296.9	0.188 79	4067.1	9.5283
6942.6	0.144 04	4113.6	9.6889	<b>780</b>	6074.6	0.164 62	4113.6	9.6273	<b>780</b>	5399.6	0.185 20	4113.5	9.5729
7074.5	0.141 35	4160.3	9.7329	<b>800</b>	6190.1	0.161 55	4160.3	9.6712	<b>800</b>	5502.2	0.181 75	4160.3	9.6168
7206.4	0.138 76	4207.3	9.7763	<b>820</b>	6305.5	0.158 59	4207.3	9.7146	<b>820</b>	5604.8	0.178 42	4207.3	9.6602
7338.4	0.136 27	4254.6	9.8191	<b>840</b>	6421.0	0.155 74	4254.6	9.7575	<b>840</b>	5707.4	0.175 21	4254.5	9.7031
7470.3	0.133 86	4302.2	9.8615	<b>860</b>	6536.4	0.152 99	4302.1	9.7998	<b>860</b>	5810.1	0.172 12	4302.1	9.7454
7602.2	0.131 54	4350.0	9.9033	<b>880</b>	6651.8	0.150 33	4350.0	9.8416	<b>880</b>	5912.7	0.169 13	4349.9	9.7873
7734.1	0.129 30	4398.1	9.9447	<b>900</b>	6767.3	0.147 77	4398.1	9.8830	<b>900</b>	6015.3	0.166 24	4398.0	9.8286
7866.0	0.127 13	4446.5	9.9855	<b>920</b>	6882.7	0.145 29	4446.5	9.9239	<b>920</b>	6117.9	0.163 45	4446.4	9.8695
7997.9	0.125 03	4495.1	10.026	<b>940</b>	6998.1	0.142 90	4495.1	9.9643	<b>940</b>	6220.5	0.160 76	4495.1	9.9099
8129.8	0.123 00	4544.0	10.066	<b>960</b>	7113.6	0.140 58	4544.0	10.004	<b>960</b>	6323.1	0.158 15	4544.0	9.9499
8261.7	0.121 04	4593.2	10.106	<b>980</b>	7229.0	0.138 33	4593.2	10.044	<b>980</b>	6425.7	0.155 62	4593.2	9.9895
8393.7	0.119 14	4642.6	10.145	<b>1000</b>	7344.4	0.136 16	4642.6	10.083	<b>1000</b>	6528.3	0.153 18	4642.6	10.029
9053.1	0.110 46	4893.6	10.334	<b>1100</b>	7921.5	0.126 24	4893.6	10.273	<b>1100</b>	7041.3	0.142 02	4893.6	10.218
9712.6	0.102 96	5150.6	10.515	<b>1200</b>	8498.5	0.117 67	5150.6	10.453	<b>1200</b>	7554.2	0.132 38	5150.6	10.399
10 372.	0.096 413	5413.3	10.688	<b>1300</b>	9075.5	0.110 19	5413.3	10.626	<b>1300</b>	8067.1	0.123 96	5413.3	10.572
11 031.	0.090 650	5681.2	10.853	<b>1400</b>	9652.5	0.103 60	5681.2	10.791	<b>1400</b>	8580.0	0.116 55	5681.2	10.737
11 691.	0.085 537	5953.9	11.011	<b>1500</b>	10 229.	0.097 757	5953.9	10.949	<b>1500</b>	9092.9	0.109 98	5953.9	10.895
12 350.	0.080 970	6231.0	11.163	<b>1600</b>	10 806.	0.092 537	6231.0	11.101	<b>1600</b>	9605.8	0.104 10	6231.0	11.047
13 669.	0.073 159	6797.2	11.450	<b>1800</b>	11 960.	0.083 610	6797.2	11.388	<b>1800</b>	10 631.	0.094 060	6797.2	11.334
14 988.	0.066 722	7377.0	11.717	<b>2000</b>	13 114.	0.076 253	7377.0	11.655	<b>2000</b>	11 657.	0.085 784	7377.0	11.601

**Table 3. Compressed Water and Superheated Steam (continued)**

0.10 MPa ( $t_s = 99.606\text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.11 MPa ( $t_s = 102.292\text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.12 MPa ( $t_s = 104.784\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.043 15	958.63	417.50	1.3028	$t_{s(L)}$	1.045 27	956.69	428.84	1.3330	$t_{s(L)}$	1.047 27	954.86	439.36	1.3609
1693.9	0.590 34	2674.9	7.3588	$t_{s(V)}$	1549.5	0.645 39	2679.2	7.3269	$t_{s(V)}$	1428.4	0.700 10	2683.1	7.2977
<i>1.000 16</i>	<i>999.84</i>	<i>0.06</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 15</i>	<i>999.85</i>	<i>0.07</i>	<i>-0.000 15</i>	<b>0</b>	<i>1.000 15</i>	<i>999.85</i>	<i>0.08</i>	<i>-0.000 15</i>
1.000 03	999.97	21.12	0.076 25	<b>5</b>	1.000 03	999.97	21.13	0.076 25	<b>5</b>	1.000 02	999.98	21.14	0.076 25
1.000 30	999.70	42.12	0.151 08	<b>10</b>	1.000 29	999.71	42.13	0.151 08	<b>10</b>	1.000 29	999.71	42.14	0.151 08
1.000 90	999.10	63.08	0.224 45	<b>15</b>	1.000 89	999.11	63.09	0.224 45	<b>15</b>	1.000 89	999.11	63.09	0.224 45
1.001 80	998.21	84.01	0.296 46	<b>20</b>	1.001 79	998.21	84.02	0.296 46	<b>20</b>	1.001 79	998.22	84.02	0.296 46
1.002 96	997.05	104.92	0.367 20	<b>25</b>	1.002 96	997.05	104.93	0.367 20	<b>25</b>	1.002 95	997.06	104.94	0.367 19
1.004 37	995.65	125.82	0.436 73	<b>30</b>	1.004 37	995.65	125.83	0.436 72	<b>30</b>	1.004 36	995.66	125.84	0.436 72
1.006 00	994.03	146.72	0.505 10	<b>35</b>	1.006 00	994.04	146.73	0.505 09	<b>35</b>	1.005 99	994.04	146.74	0.505 09
1.007 85	992.22	167.62	0.572 37	<b>40</b>	1.007 84	992.22	167.62	0.572 36	<b>40</b>	1.007 84	992.22	167.63	0.572 36
1.009 88	990.21	188.51	0.638 58	<b>45</b>	1.009 88	990.22	188.52	0.638 57	<b>45</b>	1.009 88	990.22	188.53	0.638 57
1.012 11	988.03	209.42	0.703 77	<b>50</b>	1.012 11	988.04	209.43	0.703 76	<b>50</b>	1.012 10	988.04	209.43	0.703 76
1.014 52	985.69	230.33	0.767 98	<b>55</b>	1.014 51	985.70	230.34	0.767 98	<b>55</b>	1.014 51	985.70	230.34	0.767 97
1.017 09	983.20	251.25	0.831 25	<b>60</b>	1.017 09	983.20	251.26	0.831 25	<b>60</b>	1.017 08	983.20	251.26	0.831 24
1.019 84	980.55	272.18	0.893 61	<b>65</b>	1.019 83	980.55	272.19	0.893 60	<b>65</b>	1.019 83	980.56	272.19	0.893 60
1.022 74	977.76	293.12	0.955 09	<b>70</b>	1.022 74	977.77	293.13	0.955 09	<b>70</b>	1.022 73	977.77	293.14	0.955 08
1.025 81	974.84	314.08	1.0157	<b>75</b>	1.025 80	974.85	314.09	1.0157	<b>75</b>	1.025 80	974.85	314.10	1.0157
1.029 03	971.79	335.05	1.0755	<b>80</b>	1.029 02	971.79	335.06	1.0755	<b>80</b>	1.029 02	971.80	335.07	1.0755
1.032 41	968.61	356.05	1.1346	<b>85</b>	1.032 40	968.62	356.06	1.1346	<b>85</b>	1.032 40	968.62	356.06	1.1346
1.035 94	965.31	377.06	1.1928	<b>90</b>	1.035 93	965.31	377.07	1.1928	<b>90</b>	1.035 93	965.32	377.08	1.1928
1.039 62	961.89	398.10	1.2504	<b>95</b>	1.039 62	961.89	398.11	1.2504	<b>95</b>	1.039 61	961.90	398.12	1.2504
1695.9	0.589 67	2675.8	7.3610	<b>100</b>	1.043 46	958.35	419.17	1.3072	<b>100</b>	1.043 45	958.36	419.18	1.3072
1720.4	0.581 27	2686.1	7.3885	<b>105</b>	1561.6	0.640 37	2684.8	7.3418	<b>105</b>	1429.3	0.699 67	2683.5	7.2989
1744.7	0.573 15	2696.3	7.4155	<b>110</b>	1583.9	0.631 36	2695.2	7.3690	<b>110</b>	1449.8	0.689 74	2693.9	7.3263
1769.0	0.565 29	2706.5	7.4418	<b>115</b>	1606.1	0.622 64	2705.4	7.3956	<b>115</b>	1470.3	0.680 15	2704.3	7.3531
1793.2	0.557 67	2716.6	7.4678	<b>120</b>	1628.1	0.614 20	2715.6	7.4217	<b>120</b>	1490.6	0.670 87	2714.6	7.3794
1817.2	0.550 28	2726.7	7.4932	<b>125</b>	1650.1	0.606 01	2725.7	7.4473	<b>125</b>	1510.9	0.661 87	2724.8	7.4052
1841.2	0.543 11	2736.7	7.5183	<b>130</b>	1672.0	0.598 07	2735.8	7.4725	<b>130</b>	1531.0	0.653 15	2734.9	7.4305
1865.2	0.536 14	2746.7	7.5429	<b>135</b>	1693.9	0.590 36	2745.9	7.4973	<b>135</b>	1551.1	0.644 69	2745.0	7.4554
1889.1	0.529 36	2756.7	7.5672	<b>140</b>	1715.7	0.582 86	2755.9	7.5217	<b>140</b>	1571.2	0.636 46	2755.1	7.4800
1912.9	0.522 77	2766.7	7.5911	<b>145</b>	1737.4	0.575 57	2765.9	7.5457	<b>145</b>	1591.2	0.628 47	2765.1	7.5041
1936.7	0.516 36	2776.6	7.6148	<b>150</b>	1759.1	0.568 48	2775.9	7.5694	<b>150</b>	1611.1	0.620 69	2775.1	7.5279
1960.4	0.510 11	2786.5	7.6380	<b>155</b>	1780.7	0.561 57	2785.8	7.5928	<b>155</b>	1631.0	0.613 13	2785.1	7.5514
1984.1	0.504 02	2796.4	7.6610	<b>160</b>	1802.3	0.554 85	2795.8	7.6159	<b>160</b>	1650.8	0.605 76	2795.1	7.5745
2007.7	0.498 08	2806.3	7.6838	<b>165</b>	1823.9	0.548 29	2805.7	7.6387	<b>165</b>	1670.6	0.598 57	2805.0	7.5974
2031.3	0.492 29	2816.2	7.7062	<b>170</b>	1845.4	0.541 90	2815.6	7.6612	<b>170</b>	1690.4	0.591 57	2815.0	7.6199
2054.9	0.486 64	2826.1	7.7284	<b>175</b>	1866.9	0.535 66	2825.5	7.6834	<b>175</b>	1710.2	0.584 74	2824.9	7.6422
2078.5	0.481 13	2836.0	7.7503	<b>180</b>	1888.3	0.529 57	2835.4	7.7054	<b>180</b>	1729.9	0.578 08	2834.9	7.6643
2102.0	0.475 74	2845.8	7.7719	<b>185</b>	1909.8	0.523 63	2845.3	7.7271	<b>185</b>	1749.6	0.571 58	2844.8	7.6860
2125.5	0.470 48	2855.7	7.7934	<b>190</b>	1931.2	0.517 82	2855.2	7.7486	<b>190</b>	1769.2	0.565 22	2854.7	7.7076
2149.0	0.465 34	2865.6	7.8146	<b>195</b>	1952.5	0.512 15	2865.1	7.7698	<b>195</b>	1788.8	0.559 02	2864.6	7.7289
2172.4	0.460 31	2875.5	7.8356	<b>200</b>	1973.9	0.506 61	2875.0	7.7908	<b>200</b>	1808.5	0.552 96	2874.5	7.7499
2219.3	0.450 59	2895.2	7.8769	<b>210</b>	2016.6	0.495 89	2894.8	7.8322	<b>210</b>	1847.6	0.541 23	2894.3	7.7914
2266.1	0.441 29	2915.0	7.9174	<b>220</b>	2059.2	0.485 63	2914.6	7.8728	<b>220</b>	1886.7	0.530 01	2914.2	7.8320
2312.8	0.432 37	2934.8	7.9572	<b>230</b>	2101.7	0.475 80	2934.4	7.9126	<b>230</b>	1925.8	0.519 27	2934.1	7.8719
2359.5	0.423 82	2954.6	7.9962	<b>240</b>	2144.2	0.466 37	2954.3	7.9517	<b>240</b>	1964.8	0.508 96	2953.9	7.9111
2406.2	0.415 60	2974.5	8.0346	<b>250</b>	2186.7	0.457 32	2974.2	7.9901	<b>250</b>	2003.7	0.499 07	2973.9	7.9495
2452.8	0.407 70	2994.4	8.0723	<b>260</b>	2229.1	0.448 62	2994.1	8.0279	<b>260</b>	2042.7	0.489 56	2993.8	7.9873
2499.3	0.400 11	3014.4	8.1094	<b>270</b>	2271.4	0.440 25	3014.1	8.0650	<b>270</b>	2081.5	0.480 42	3013.8	8.0244
2545.9	0.392 80	3034.4	8.1459	<b>280</b>	2313.8	0.432 19	3034.1	8.1015	<b>280</b>	2120.4	0.471 62	3033.8	8.0610
2592.4	0.385 75	3054.4	8.1818	<b>290</b>	2356.1	0.424 43	3054.2	8.1374	<b>290</b>	2159.2	0.463 14	3053.9	8.0970

**Table 3. Compressed Water and Superheated Steam (continued)**

0.10 MPa ( $t_s = 99.606\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.11 MPa ( $t_s = 102.292\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.12 MPa ( $t_s = 104.784\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
2638.8	0.378 95	3074.5	8.2172	<b>300</b>	2398.4	0.416 95	3074.3	8.1729	<b>300</b>	2198.0	0.454 96	3074.0	8.1324
2685.3	0.372 40	3094.7	8.2520	<b>310</b>	2440.6	0.409 73	3094.5	8.2077	<b>310</b>	2236.7	0.447 08	3094.2	8.1673
2731.7	0.366 07	3114.9	8.2864	<b>320</b>	2482.9	0.402 76	3114.7	8.2421	<b>320</b>	2275.5	0.439 47	3114.4	8.2017
2778.2	0.359 95	3135.1	8.3202	<b>330</b>	2525.1	0.396 02	3134.9	8.2760	<b>330</b>	2314.2	0.432 11	3134.7	8.2356
2824.6	0.354 04	3155.5	8.3536	<b>340</b>	2567.3	0.389 51	3155.3	8.3094	<b>340</b>	2352.9	0.425 00	3155.1	8.2690
2871.0	0.348 32	3175.8	8.3866	<b>350</b>	2609.5	0.383 22	3175.6	8.3424	<b>350</b>	2391.6	0.418 13	3175.4	8.3020
2917.3	0.342 78	3196.3	8.4191	<b>360</b>	2651.7	0.377 12	3196.1	8.3749	<b>360</b>	2430.3	0.411 47	3195.9	8.3345
2963.7	0.337 42	3216.7	8.4512	<b>370</b>	2693.8	0.371 22	3216.6	8.4070	<b>370</b>	2469.0	0.405 03	3216.4	8.3667
3010.0	0.332 22	3237.3	8.4829	<b>380</b>	2736.0	0.365 50	3237.1	8.4387	<b>380</b>	2507.6	0.398 78	3237.0	8.3984
3056.4	0.327 19	3257.9	8.5142	<b>390</b>	2778.1	0.359 95	3257.7	8.4701	<b>390</b>	2546.3	0.392 73	3257.6	8.4297
3102.7	0.322 30	3278.6	8.5452	<b>400</b>	2820.3	0.354 58	3278.4	8.5010	<b>400</b>	2584.9	0.386 86	3278.3	8.4607
3149.0	0.317 56	3299.3	8.5757	<b>410</b>	2862.4	0.349 36	3299.1	8.5316	<b>410</b>	2623.5	0.381 17	3299.0	8.4913
3195.3	0.312 96	3320.1	8.6059	<b>420</b>	2904.5	0.344 29	3319.9	8.5618	<b>420</b>	2662.1	0.375 64	3319.8	8.5215
3241.6	0.308 49	3340.9	8.6358	<b>430</b>	2946.6	0.339 37	3340.8	8.5917	<b>430</b>	2700.8	0.370 27	3340.7	8.5514
3287.9	0.304 14	3361.9	8.6653	<b>440</b>	2988.7	0.334 59	3361.7	8.6212	<b>440</b>	2739.4	0.365 05	3361.6	8.5809
3334.2	0.299 92	3382.8	8.6946	<b>450</b>	3030.8	0.329 95	3382.7	8.6504	<b>450</b>	2777.9	0.359 98	3382.6	8.6102
3380.5	0.295 82	3403.9	8.7235	<b>460</b>	3072.9	0.325 43	3403.8	8.6794	<b>460</b>	2816.5	0.355 05	3403.6	8.6391
3426.7	0.291 82	3425.0	8.7521	<b>470</b>	3114.9	0.321 03	3424.9	8.7080	<b>470</b>	2855.1	0.350 25	3424.8	8.6677
3473.0	0.287 93	3446.2	8.7804	<b>480</b>	3157.0	0.316 75	3446.1	8.7363	<b>480</b>	2893.7	0.345 58	3446.0	8.6960
3519.3	0.284 15	3467.4	8.8084	<b>490</b>	3199.1	0.312 59	3467.3	8.7643	<b>490</b>	2932.3	0.341 03	3467.2	8.7240
3565.5	0.280 46	3488.7	8.8361	<b>500</b>	3241.1	0.308 53	3488.6	8.7921	<b>500</b>	2970.8	0.336 61	3488.5	8.7518
3658.0	0.273 37	3531.6	8.8908	<b>520</b>	3325.3	0.300 73	3531.5	8.8467	<b>520</b>	3047.9	0.328 09	3531.4	8.8065
3750.5	0.266 63	3574.7	8.9445	<b>540</b>	3409.3	0.293 31	3574.6	8.9004	<b>540</b>	3125.0	0.320 00	3574.5	8.8602
3843.0	0.260 21	3618.0	8.9972	<b>560</b>	3493.4	0.286 25	3617.9	8.9531	<b>560</b>	3202.1	0.312 29	3617.8	8.9129
3935.4	0.254 10	3661.7	9.0489	<b>580</b>	3577.5	0.279 53	3661.6	9.0049	<b>580</b>	3279.2	0.304 95	3661.5	8.9646
4027.9	0.248 27	3705.6	9.0998	<b>600</b>	3661.5	0.273 11	3705.5	9.0558	<b>600</b>	3356.3	0.297 95	3705.4	9.0155
4120.3	0.242 70	3749.8	9.1499	<b>620</b>	3745.6	0.266 98	3749.7	9.1058	<b>620</b>	3433.3	0.291 26	3749.6	9.0656
4212.7	0.237 38	3794.3	9.1991	<b>640</b>	3829.6	0.261 12	3794.2	9.1551	<b>640</b>	3510.4	0.284 87	3794.1	9.1149
4305.2	0.232 28	3839.0	9.2476	<b>660</b>	3913.6	0.255 52	3838.9	9.2036	<b>660</b>	3587.4	0.278 75	3838.9	9.1633
4397.6	0.227 40	3884.0	9.2954	<b>680</b>	3997.7	0.250 15	3884.0	9.2513	<b>680</b>	3664.4	0.272 90	3883.9	9.2111
4490.0	0.222 72	3929.4	9.3424	<b>700</b>	4081.7	0.245 00	3929.3	9.2984	<b>700</b>	3741.4	0.267 28	3929.3	9.2582
4582.4	0.218 23	3975.0	9.3888	<b>720</b>	4165.7	0.240 06	3974.9	9.3448	<b>720</b>	3818.4	0.261 89	3974.9	9.3046
4674.7	0.213 92	4020.9	9.4345	<b>740</b>	4249.7	0.235 31	4020.8	9.3905	<b>740</b>	3895.4	0.256 71	4020.8	9.3503
4767.1	0.209 77	4067.0	9.4797	<b>760</b>	4333.7	0.230 75	4067.0	9.4356	<b>760</b>	3972.4	0.251 73	4066.9	9.3954
4859.5	0.205 78	4113.5	9.5242	<b>780</b>	4417.7	0.226 36	4113.4	9.4802	<b>780</b>	4049.4	0.246 95	4113.4	9.4400
4951.9	0.201 94	4160.2	9.5681	<b>800</b>	4501.6	0.222 14	4160.2	9.5241	<b>800</b>	4126.4	0.242 34	4160.1	9.4839
5044.3	0.198 25	4207.2	9.6115	<b>820</b>	4585.6	0.218 07	4207.2	9.5675	<b>820</b>	4203.4	0.237 90	4207.1	9.5273
5136.6	0.194 68	4254.5	9.6544	<b>840</b>	4669.6	0.214 15	4254.5	9.6104	<b>840</b>	4280.4	0.233 62	4254.4	9.5702
5229.0	0.191 24	4302.1	9.6968	<b>860</b>	4753.6	0.210 37	4302.0	9.6527	<b>860</b>	4357.4	0.229 50	4302.0	9.6126
5321.3	0.187 92	4349.9	9.7386	<b>880</b>	4837.5	0.206 72	4349.9	9.6946	<b>880</b>	4434.3	0.225 51	4349.8	9.6544
5413.7	0.184 72	4398.0	9.7800	<b>900</b>	4921.5	0.203 19	4398.0	9.7360	<b>900</b>	4511.3	0.221 66	4397.9	9.6958
5506.1	0.181 62	4446.4	9.8209	<b>920</b>	5005.5	0.199 78	4446.4	9.7768	<b>920</b>	4588.3	0.217 95	4446.3	9.7367
5598.4	0.178 62	4495.0	9.8613	<b>940</b>	5089.4	0.196 49	4495.0	9.8173	<b>940</b>	4665.3	0.214 35	4495.0	9.7771
5690.8	0.175 72	4543.9	9.9013	<b>960</b>	5173.4	0.193 30	4543.9	9.8573	<b>960</b>	4742.2	0.210 87	4543.9	9.8171
5783.1	0.172 92	4593.1	9.9408	<b>980</b>	5257.3	0.190 21	4593.1	9.8968	<b>980</b>	4819.2	0.207 50	4593.1	9.8567
5875.4	0.170 20	4642.6	9.9800	<b>1000</b>	5341.3	0.187 22	4642.5	9.9360	<b>1000</b>	4896.1	0.204 24	4642.5	9.8958
6337.1	0.157 80	4893.5	10.170	<b>1100</b>	5761.0	0.173 58	4893.5	10.126	<b>1100</b>	5280.9	0.189 36	4893.5	10.086
6798.8	0.147 08	5150.6	10.350	<b>1200</b>	6180.7	0.161 79	5150.6	10.306	<b>1200</b>	5665.7	0.176 50	5150.5	10.266
7260.4	0.137 73	5413.2	10.523	<b>1300</b>	6600.4	0.151 51	5413.2	10.479	<b>1300</b>	6050.4	0.165 28	5413.2	10.439
7722.0	0.129 50	5681.2	10.688	<b>1400</b>	7020.1	0.142 45	5681.1	10.644	<b>1400</b>	6435.1	0.155 40	5681.1	10.604
8183.6	0.122 20	5953.9	10.846	<b>1500</b>	7439.7	0.134 41	5953.9	10.802	<b>1500</b>	6819.7	0.146 63	5953.9	10.762
8645.2	0.115 67	6231.0	10.998	<b>1600</b>	7859.3	0.127 24	6231.0	10.954	<b>1600</b>	7204.4	0.138 80	6231.0	10.914
9568.4	0.104 51	6797.2	11.285	<b>1800</b>	8698.5	0.114 96	6797.1	11.241	<b>1800</b>	7973.7	0.125 41	6797.1	11.201
10 491.	0.095 316	7377.0	11.552	<b>2000</b>	9537.7	0.104 85	7377.0	11.508	<b>2000</b>	8743.0	0.114 38	7377.0	11.468



**Table 3. Compressed Water and Superheated Steam (continued)**

0.13 MPa ( $t_s = 107.109 \text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.14 MPa ( $t_s = 109.292 \text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.15 MPa ( $t_s = 111.349 \text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.049 17	953.13	449.19	1.3868	$t_s(L)$	1.050 99	951.49	458.42	1.4110	$t_s(L)$	1.052 73	949.92	467.13	1.4337
1325.3	0.754 53	2686.6	7.2709	$t_s(V)$	1236.6	0.808 69	2690.0	7.2461	$t_s(V)$	1159.3	0.862 60	2693.1	7.2230
<i>1.000 14</i>	<i>999.86</i>	<i>0.09</i>	<i>-0.000 15</i>	<b>0</b>	1.000 14	999.86	0.10	-0.000 15	<b>0</b>	1.000 13	999.87	0.11	-0.000 14
1.000 02	999.98	21.15	0.076 25	<b>5</b>	1.000 01	999.99	21.16	0.076 25	<b>5</b>	1.000 01	999.99	21.17	0.076 25
1.000 28	999.72	42.15	0.151 07	<b>10</b>	1.000 28	999.72	42.16	0.151 07	<b>10</b>	1.000 27	999.73	42.17	0.151 07
1.000 88	999.12	63.10	0.224 44	<b>15</b>	1.000 88	999.12	63.11	0.224 44	<b>15</b>	1.000 88	999.13	63.12	0.224 44
1.001 78	998.22	84.03	0.296 46	<b>20</b>	1.001 78	998.22	84.04	0.296 45	<b>20</b>	1.001 77	998.23	84.05	0.296 45
1.002 95	997.06	104.95	0.367 19	<b>25</b>	1.002 94	997.07	104.96	0.367 19	<b>25</b>	1.002 94	997.07	104.97	0.367 19
1.004 36	995.66	125.85	0.436 72	<b>30</b>	1.004 35	995.67	125.86	0.436 71	<b>30</b>	1.004 35	995.67	125.87	0.436 71
1.005 99	994.05	146.75	0.505 09	<b>35</b>	1.005 99	994.05	146.75	0.505 08	<b>35</b>	1.005 98	994.05	146.76	0.505 08
1.007 83	992.23	167.64	0.572 35	<b>40</b>	1.007 83	992.23	167.65	0.572 35	<b>40</b>	1.007 82	992.24	167.66	0.572 35
1.009 87	990.23	188.54	0.638 56	<b>45</b>	1.009 87	990.23	188.55	0.638 56	<b>45</b>	1.009 86	990.23	188.56	0.638 55
1.012 10	988.05	209.44	0.703 75	<b>50</b>	1.012 09	988.05	209.45	0.703 75	<b>50</b>	1.012 09	988.06	209.46	0.703 74
1.014 50	985.71	230.35	0.767 97	<b>55</b>	1.014 50	985.71	230.36	0.767 96	<b>55</b>	1.014 49	985.71	230.37	0.767 96
1.017 08	983.21	251.27	0.831 23	<b>60</b>	1.017 07	983.21	251.28	0.831 23	<b>60</b>	1.017 07	983.22	251.29	0.831 22
1.019 82	980.56	272.20	0.893 59	<b>65</b>	1.019 82	980.57	272.21	0.893 59	<b>65</b>	1.019 81	980.57	272.22	0.893 58
1.022 73	977.78	293.15	0.955 07	<b>70</b>	1.022 72	977.78	293.15	0.955 07	<b>70</b>	1.022 72	977.79	293.16	0.955 06
1.025 79	974.86	314.10	1.0157	<b>75</b>	1.025 79	974.86	314.11	1.0157	<b>75</b>	1.025 78	974.86	314.12	1.0157
1.029 01	971.80	335.08	1.0755	<b>80</b>	1.029 01	971.81	335.09	1.0755	<b>80</b>	1.029 01	971.81	335.09	1.0755
1.032 39	968.62	356.07	1.1346	<b>85</b>	1.032 39	968.63	356.08	1.1345	<b>85</b>	1.032 38	968.63	356.09	1.1345
1.035 92	965.32	377.09	1.1928	<b>90</b>	1.035 92	965.33	377.09	1.1928	<b>90</b>	1.035 91	965.33	377.10	1.1928
1.039 61	961.90	398.12	1.2504	<b>95</b>	1.039 60	961.91	398.13	1.2504	<b>95</b>	1.039 60	961.91	398.14	1.2503
1.043 45	958.36	419.19	1.3072	<b>100</b>	1.043 44	958.37	419.20	1.3072	<b>100</b>	1.043 44	958.37	419.20	1.3072
1.047 44	954.71	440.28	1.3633	<b>105</b>	1.047 43	954.71	440.29	1.3633	<b>105</b>	1.047 43	954.72	440.30	1.3633
1336.4	0.748 30	2692.7	7.2868	<b>110</b>	1239.1	0.807 04	2691.5	7.2500	<b>110</b>	1.051 58	950.95	461.42	1.4188
1355.3	0.737 82	2703.2	7.3138	<b>115</b>	1256.8	0.795 65	2702.0	7.2773	<b>115</b>	1171.4	0.853 65	2700.8	7.2430
1374.2	0.727 68	2713.5	7.3403	<b>120</b>	1274.5	0.784 65	2712.4	7.3039	<b>120</b>	1188.0	0.841 77	2711.4	7.2699
1393.0	0.717 87	2723.8	7.3663	<b>125</b>	1292.0	0.774 01	2722.8	7.3301	<b>125</b>	1204.4	0.830 28	2721.8	7.2962
1411.7	0.708 36	2734.0	7.3917	<b>130</b>	1309.4	0.763 70	2733.0	7.3557	<b>130</b>	1220.8	0.819 16	2732.1	7.3220
1430.3	0.699 13	2744.1	7.4168	<b>135</b>	1326.8	0.753 70	2743.3	7.3809	<b>135</b>	1237.0	0.808 38	2742.4	7.3473
1448.9	0.690 17	2754.3	7.4414	<b>140</b>	1344.1	0.743 99	2753.4	7.4057	<b>140</b>	1253.3	0.797 92	2752.6	7.3722
1467.4	0.681 47	2764.3	7.4657	<b>145</b>	1361.3	0.734 57	2763.6	7.4300	<b>145</b>	1269.4	0.787 77	2762.8	7.3967
1485.9	0.673 00	2774.4	7.4896	<b>150</b>	1378.5	0.725 40	2773.6	7.4540	<b>150</b>	1285.5	0.777 90	2772.9	7.4208
1504.3	0.664 77	2784.4	7.5132	<b>155</b>	1395.7	0.716 49	2783.7	7.4777	<b>155</b>	1301.6	0.768 31	2783.0	7.4445
1522.7	0.656 75	2794.4	7.5364	<b>160</b>	1412.8	0.707 82	2793.8	7.5010	<b>160</b>	1317.6	0.758 97	2793.1	7.4679
1541.0	0.648 93	2804.4	7.5593	<b>165</b>	1429.9	0.699 37	2803.8	7.5240	<b>165</b>	1333.5	0.749 88	2803.1	7.4910
1559.3	0.641 32	2814.4	7.5819	<b>170</b>	1446.9	0.691 14	2813.8	7.5467	<b>170</b>	1349.5	0.741 03	2813.2	7.5138
1577.6	0.633 89	2824.3	7.6043	<b>175</b>	1463.9	0.683 11	2823.8	7.5691	<b>175</b>	1365.4	0.732 40	2823.2	7.5363
1595.8	0.626 65	2834.3	7.6264	<b>180</b>	1480.9	0.675 28	2833.7	7.5912	<b>180</b>	1381.3	0.723 98	2833.2	7.5585
1614.0	0.619 58	2844.2	7.6482	<b>185</b>	1497.8	0.667 65	2843.7	7.6131	<b>185</b>	1397.1	0.715 77	2843.2	7.5804
1632.2	0.612 68	2854.2	7.6698	<b>190</b>	1514.7	0.660 19	2853.7	7.6347	<b>190</b>	1412.9	0.707 76	2853.2	7.6021
1650.3	0.605 94	2864.1	7.6911	<b>195</b>	1531.6	0.652 91	2863.6	7.6561	<b>195</b>	1428.7	0.699 93	2863.1	7.6235
1668.5	0.599 35	2874.0	7.7122	<b>200</b>	1548.5	0.645 79	2873.6	7.6773	<b>200</b>	1444.5	0.692 29	2873.1	7.6447
1704.7	0.586 62	2893.9	7.7538	<b>210</b>	1582.2	0.632 05	2893.5	7.7189	<b>210</b>	1476.0	0.677 52	2893.0	7.6864
1740.8	0.574 43	2913.8	7.7945	<b>220</b>	1615.8	0.618 90	2913.4	7.7597	<b>220</b>	1507.4	0.663 40	2913.0	7.7272
1776.9	0.562 77	2933.7	7.8344	<b>230</b>	1649.3	0.606 30	2933.3	7.7996	<b>230</b>	1538.8	0.649 88	2932.9	7.7672
1813.0	0.551 58	2953.6	7.8736	<b>240</b>	1682.8	0.594 23	2953.2	7.8389	<b>240</b>	1570.1	0.636 92	2952.9	7.8065
1849.0	0.540 84	2973.5	7.9121	<b>250</b>	1716.3	0.582 65	2973.2	7.8774	<b>250</b>	1601.3	0.624 48	2972.9	7.8451
1884.9	0.530 53	2993.5	7.9499	<b>260</b>	1749.7	0.571 52	2993.2	7.9153	<b>260</b>	1632.5	0.612 54	2992.9	7.8830
1920.8	0.520 61	3013.5	7.9871	<b>270</b>	1783.1	0.560 82	3013.2	7.9525	<b>270</b>	1663.7	0.601 06	3012.9	7.9202
1956.7	0.511 06	3033.6	8.0237	<b>280</b>	1816.4	0.550 52	3033.3	7.9891	<b>280</b>	1694.9	0.590 01	3033.0	7.9569
1992.6	0.501 86	3053.7	8.0597	<b>290</b>	1849.8	0.540 61	3053.4	8.0251	<b>290</b>	1726.0	0.579 37	3053.1	7.9929

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.13 MPa (<math>t_s = 107.109\text{ °C}</math>)</b>				$t, \text{°C}$	<b>0.14 MPa (<math>t_s = 109.292\text{ °C}</math>)</b>				$t, \text{°C}$	<b>0.15 MPa (<math>t_s = 111.349\text{ °C}</math>)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
2028.4	0.493 00	3073.8	8.0951	<b>300</b>	1883.1	0.531 05	3073.5	8.0606	<b>300</b>	1757.1	0.569 12	3073.3	8.0284
2064.2	0.484 44	3094.0	8.1300	<b>310</b>	1916.3	0.521 83	3093.7	8.0955	<b>310</b>	1788.2	0.559 23	3093.5	8.0634
2100.0	0.476 19	3114.2	8.1644	<b>320</b>	1949.6	0.512 93	3114.0	8.1300	<b>320</b>	1819.2	0.549 68	3113.8	8.0978
2135.8	0.468 21	3134.5	8.1984	<b>330</b>	1982.8	0.504 33	3134.3	8.1639	<b>330</b>	1850.3	0.540 46	3134.1	8.1318
2171.5	0.460 50	3154.9	8.2318	<b>340</b>	2016.0	0.496 02	3154.7	8.1974	<b>340</b>	1881.3	0.531 55	3154.5	8.1653
2207.3	0.453 05	3175.3	8.2648	<b>350</b>	2049.2	0.487 98	3175.1	8.2304	<b>350</b>	1912.3	0.522 93	3174.9	8.1983
2243.0	0.445 83	3195.7	8.2974	<b>360</b>	2082.4	0.480 21	3195.5	8.2630	<b>360</b>	1943.3	0.514 59	3195.3	8.2309
2278.7	0.438 85	3216.2	8.3295	<b>370</b>	2115.6	0.472 68	3216.0	8.2951	<b>370</b>	1974.3	0.506 52	3215.9	8.2631
2314.4	0.432 08	3236.8	8.3613	<b>380</b>	2148.8	0.465 38	3236.6	8.3269	<b>380</b>	2005.2	0.498 70	3236.4	8.2948
2350.1	0.425 52	3257.4	8.3926	<b>390</b>	2181.9	0.458 31	3257.3	8.3582	<b>390</b>	2036.2	0.491 12	3257.1	8.3262
2385.8	0.419 15	3278.1	8.4236	<b>400</b>	2215.1	0.451 46	3277.9	8.3892	<b>400</b>	2067.1	0.483 76	3277.8	8.3572
2421.4	0.412 98	3298.8	8.4542	<b>410</b>	2248.2	0.444 80	3298.7	8.4198	<b>410</b>	2098.1	0.476 63	3298.5	8.3878
2457.1	0.406 99	3319.7	8.4844	<b>420</b>	2281.3	0.438 34	3319.5	8.4500	<b>420</b>	2129.0	0.469 71	3319.4	8.4180
2492.7	0.401 17	3340.5	8.5143	<b>430</b>	2314.4	0.432 07	3340.4	8.4799	<b>430</b>	2159.9	0.462 99	3340.3	8.4480
2528.4	0.395 51	3361.5	8.5439	<b>440</b>	2347.5	0.425 98	3361.3	8.5095	<b>440</b>	2190.8	0.456 45	3361.2	8.4775
2564.0	0.390 01	3382.5	8.5731	<b>450</b>	2380.6	0.420 06	3382.3	8.5388	<b>450</b>	2221.7	0.450 10	3382.2	8.5068
2599.6	0.384 67	3403.5	8.6020	<b>460</b>	2413.7	0.414 30	3403.4	8.5677	<b>460</b>	2252.6	0.443 93	3403.3	8.5357
2635.3	0.379 47	3424.6	8.6306	<b>470</b>	2446.8	0.408 70	3424.5	8.5963	<b>470</b>	2283.5	0.437 93	3424.4	8.5644
2670.9	0.374 41	3445.8	8.6590	<b>480</b>	2479.9	0.403 24	3445.7	8.6246	<b>480</b>	2314.4	0.432 08	3445.6	8.5927
2706.5	0.369 48	3467.1	8.6870	<b>490</b>	2513.0	0.397 94	3467.0	8.6527	<b>490</b>	2345.3	0.426 39	3466.9	8.6207
2742.1	0.364 68	3488.4	8.7148	<b>500</b>	2546.0	0.392 77	3488.3	8.6804	<b>500</b>	2376.1	0.420 85	3488.2	8.6485
2813.3	0.355 46	3531.3	8.7695	<b>520</b>	2612.2	0.382 82	3531.2	8.7352	<b>520</b>	2437.9	0.410 20	3531.1	8.7032
2884.5	0.346 68	3574.4	8.8231	<b>540</b>	2678.3	0.373 37	3574.3	8.7889	<b>540</b>	2499.6	0.400 07	3574.2	8.7569
2955.6	0.338 34	3617.8	8.8759	<b>560</b>	2744.4	0.364 38	3617.7	8.8416	<b>560</b>	2561.3	0.390 43	3617.6	8.8096
3026.8	0.330 38	3661.4	8.9276	<b>580</b>	2810.5	0.355 81	3661.3	8.8934	<b>580</b>	2623.0	0.381 25	3661.2	8.8614
3097.9	0.322 79	3705.3	8.9785	<b>600</b>	2876.5	0.347 64	3705.3	8.9443	<b>600</b>	2684.6	0.372 49	3705.2	8.9124
3169.1	0.315 55	3749.6	9.0286	<b>620</b>	2942.6	0.339 84	3749.5	8.9943	<b>620</b>	2746.3	0.364 13	3749.4	8.9624
3240.2	0.308 62	3794.0	9.0779	<b>640</b>	3008.6	0.332 38	3794.0	9.0436	<b>640</b>	2808.0	0.356 13	3793.9	9.0117
3311.3	0.301 99	3838.8	9.1264	<b>660</b>	3074.7	0.325 24	3838.7	9.0921	<b>660</b>	2869.6	0.348 48	3838.7	9.0602
3382.4	0.295 65	3883.9	9.1741	<b>680</b>	3140.7	0.318 40	3883.8	9.1399	<b>680</b>	2931.2	0.341 15	3883.7	9.1080
3453.5	0.289 56	3929.2	9.2212	<b>700</b>	3206.7	0.311 84	3929.1	9.1869	<b>700</b>	2992.9	0.334 13	3929.1	9.1550
3524.6	0.283 72	3974.8	9.2676	<b>720</b>	3272.8	0.305 55	3974.8	9.2333	<b>720</b>	3054.5	0.327 39	3974.7	9.2014
3595.7	0.278 11	4020.7	9.3133	<b>740</b>	3338.8	0.299 51	4020.6	9.2791	<b>740</b>	3116.1	0.320 91	4020.6	9.2472
3666.8	0.272 72	4066.9	9.3585	<b>760</b>	3404.8	0.293 70	4066.8	9.3242	<b>760</b>	3177.7	0.314 69	4066.8	9.2923
3737.9	0.267 53	4113.3	9.4030	<b>780</b>	3470.8	0.288 12	4113.3	9.3688	<b>780</b>	3239.4	0.308 70	4113.2	9.3369
3808.9	0.262 54	4160.1	9.4470	<b>800</b>	3536.8	0.282 74	4160.0	9.4127	<b>800</b>	3301.0	0.302 94	4160.0	9.3808
3880.0	0.257 73	4207.1	9.4904	<b>820</b>	3602.8	0.277 56	4207.0	9.4561	<b>820</b>	3362.6	0.297 39	4207.0	9.4243
3951.1	0.253 10	4254.4	9.5332	<b>840</b>	3668.8	0.272 57	4254.3	9.4990	<b>840</b>	3424.2	0.292 04	4254.3	9.4671
4022.1	0.248 62	4301.9	9.5756	<b>860</b>	3734.8	0.267 75	4301.9	9.5414	<b>860</b>	3485.8	0.286 88	4301.9	9.5095
4093.2	0.244 31	4349.8	9.6174	<b>880</b>	3800.8	0.263 10	4349.7	9.5832	<b>880</b>	3547.3	0.281 90	4349.7	9.5513
4164.2	0.240 14	4397.9	9.6588	<b>900</b>	3866.8	0.258 61	4397.9	9.6246	<b>900</b>	3608.9	0.277 09	4397.8	9.5927
4235.3	0.236 11	4446.3	9.6997	<b>920</b>	3932.7	0.254 28	4446.2	9.6655	<b>920</b>	3670.5	0.272 44	4446.2	9.6336
4306.4	0.232 22	4494.9	9.7401	<b>940</b>	3998.7	0.250 08	4494.9	9.7059	<b>940</b>	3732.1	0.267 95	4494.9	9.6740
4377.4	0.228 45	4543.9	9.7801	<b>960</b>	4064.7	0.246 02	4543.8	9.7459	<b>960</b>	3793.7	0.263 60	4543.8	9.7140
4448.4	0.224 80	4593.0	9.8197	<b>980</b>	4130.7	0.242 09	4593.0	9.7855	<b>980</b>	3855.3	0.259 39	4593.0	9.7536
4519.5	0.221 26	4642.5	9.8588	<b>1000</b>	4196.6	0.238 29	4642.4	9.8246	<b>1000</b>	3916.8	0.255 31	4642.4	9.7927
4874.7	0.205 14	4893.5	10.049	<b>1100</b>	4526.5	0.220 92	4893.4	10.014	<b>1100</b>	4224.7	0.236 70	4893.4	9.9825
5229.8	0.191 21	5150.5	10.229	<b>1200</b>	4856.3	0.205 92	5150.5	10.195	<b>1200</b>	4532.5	0.220 63	5150.5	10.163
5585.0	0.179 05	5413.2	10.402	<b>1300</b>	5186.0	0.192 83	5413.2	10.368	<b>1300</b>	4840.3	0.206 60	5413.2	10.336
5940.1	0.168 35	5681.1	10.567	<b>1400</b>	5515.8	0.181 30	5681.1	10.533	<b>1400</b>	5148.1	0.194 25	5681.1	10.501
6295.2	0.158 85	5953.8	10.725	<b>1500</b>	5845.5	0.171 07	5953.8	10.691	<b>1500</b>	5455.8	0.183 29	5953.8	10.659
6650.2	0.150 37	6231.0	10.877	<b>1600</b>	6175.2	0.161 94	6231.0	10.843	<b>1600</b>	5763.6	0.173 50	6231.0	10.811
7360.4	0.135 86	6797.1	11.164	<b>1800</b>	6834.7	0.146 31	6797.1	11.130	<b>1800</b>	6379.0	0.156 76	6797.1	11.098
8070.5	0.123 91	7377.0	11.431	<b>2000</b>	7494.0	0.133 44	7377.0	11.397	<b>2000</b>	6994.5	0.142 97	7377.0	11.365

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.16 MPa (<math>t_s = 113.297\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.18 MPa (<math>t_s = 116.911\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.20 MPa (<math>t_s = 120.210\text{ }^\circ\text{C}</math>)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.054 40	948.41	475.38	1.4551	$t_s(\text{L})$	1.057 56	945.57	490.70	1.4945	$t_s(\text{L})$	1.060 52	942.94	504.70	1.5302
1091.4	0.916 29	2696.0	7.2014	$t_s(\text{V})$	977.47	1.0230	2701.4	7.1621	$t_s(\text{V})$	885.68	1.1291	2706.2	7.1269
1.000 13	999.87	0.12	-0.000 14	<b>0</b>	1.000 12	999.88	0.14	-0.000 14	<b>0</b>	1.000 11	999.89	0.16	-0.000 14
1.000 00	1000.00	21.18	0.076 25	<b>5</b>	0.999 99	1000.01	21.20	0.076 25	<b>5</b>	0.999 98	1000.02	21.22	0.076 25
1.000 27	999.73	42.18	0.151 07	<b>10</b>	1.000 26	999.74	42.20	0.151 07	<b>10</b>	1.000 25	999.75	42.22	0.151 07
1.000 87	999.13	63.13	0.224 44	<b>15</b>	1.000 86	999.14	63.15	0.224 44	<b>15</b>	1.000 85	999.15	63.17	0.224 44
1.001 77	998.23	84.06	0.296 45	<b>20</b>	1.001 76	998.24	84.08	0.296 45	<b>20</b>	1.001 75	998.25	84.10	0.296 44
1.002 93	997.07	104.97	0.367 18	<b>25</b>	1.002 93	997.08	104.99	0.367 18	<b>25</b>	1.002 92	997.09	105.01	0.367 17
1.004 34	995.68	125.88	0.436 71	<b>30</b>	1.004 33	995.68	125.89	0.436 70	<b>30</b>	1.004 33	995.69	125.91	0.436 70
1.005 98	994.06	146.77	0.505 08	<b>35</b>	1.005 97	994.07	146.79	0.505 07	<b>35</b>	1.005 96	994.08	146.81	0.505 06
1.007 82	992.24	167.67	0.572 34	<b>40</b>	1.007 81	992.25	167.69	0.572 33	<b>40</b>	1.007 80	992.26	167.70	0.572 33
1.009 86	990.24	188.57	0.638 55	<b>45</b>	1.009 85	990.25	188.58	0.638 54	<b>45</b>	1.009 84	990.26	188.60	0.638 53
1.012 08	988.06	209.47	0.703 74	<b>50</b>	1.012 07	988.07	209.49	0.703 73	<b>50</b>	1.012 07	988.08	209.50	0.703 72
1.014 49	985.72	230.38	0.767 95	<b>55</b>	1.014 48	985.73	230.40	0.767 94	<b>55</b>	1.014 47	985.74	230.41	0.767 93
1.017 06	983.22	251.30	0.831 22	<b>60</b>	1.017 06	983.23	251.31	0.831 21	<b>60</b>	1.017 05	983.24	251.33	0.831 20
1.019 81	980.58	272.23	0.893 58	<b>65</b>	1.019 80	980.59	272.24	0.893 56	<b>65</b>	1.019 79	980.59	272.26	0.893 55
1.022 71	977.79	293.17	0.955 06	<b>70</b>	1.022 70	977.80	293.19	0.955 04	<b>70</b>	1.022 70	977.81	293.20	0.955 03
1.025 78	974.87	314.13	1.0157	<b>75</b>	1.025 77	974.88	314.14	1.0157	<b>75</b>	1.025 76	974.89	314.16	1.0157
1.029 00	971.82	335.10	1.0755	<b>80</b>	1.028 99	971.83	335.12	1.0755	<b>80</b>	1.028 98	971.83	335.13	1.0755
1.032 38	968.64	356.09	1.1345	<b>85</b>	1.032 37	968.65	356.11	1.1345	<b>85</b>	1.032 36	968.66	356.13	1.1345
1.035 91	965.34	377.11	1.1928	<b>90</b>	1.035 90	965.35	377.12	1.1928	<b>90</b>	1.035 89	965.35	377.14	1.1928
1.039 59	961.92	398.15	1.2503	<b>95</b>	1.039 58	961.92	398.16	1.2503	<b>95</b>	1.039 57	961.93	398.18	1.2503
1.043 43	958.38	419.21	1.3072	<b>100</b>	1.043 42	958.39	419.23	1.3071	<b>100</b>	1.043 41	958.40	419.24	1.3071
1.047 42	954.72	440.30	1.3633	<b>105</b>	1.047 41	954.73	440.32	1.3633	<b>105</b>	1.047 40	954.74	440.33	1.3633
1.051 57	950.96	461.43	1.4188	<b>110</b>	1.051 56	950.97	461.44	1.4188	<b>110</b>	1.051 55	950.98	461.46	1.4188
1096.7	0.911 83	2699.7	7.2108	<b>115</b>	1.055 87	947.09	482.60	1.4737	<b>115</b>	1.055 86	947.10	482.62	1.4736
1112.3	0.899 04	2710.3	7.2379	<b>120</b>	986.12	1.0141	2708.0	7.1790	<b>120</b>	1.060 32	943.11	503.81	1.5279
1127.8	0.886 70	2720.7	7.2644	<b>125</b>	1000.0	0.999 96	2718.7	7.2059	<b>125</b>	897.81	1.1138	2716.6	7.1531
1143.2	0.874 75	2731.1	7.2904	<b>130</b>	1013.9	0.986 33	2729.2	7.2322	<b>130</b>	910.37	1.0985	2727.3	7.1797
1158.5	0.863 18	2741.5	7.3158	<b>135</b>	1027.6	0.973 15	2739.7	7.2580	<b>135</b>	922.84	1.0836	2737.8	7.2058
1173.8	0.851 96	2751.7	7.3408	<b>140</b>	1041.3	0.960 37	2750.0	7.2832	<b>140</b>	935.24	1.0692	2748.3	7.2313
1189.0	0.841 07	2762.0	7.3654	<b>145</b>	1054.9	0.947 99	2760.4	7.3081	<b>145</b>	947.58	1.0553	2758.7	7.2564
1204.1	0.830 49	2772.1	7.3896	<b>150</b>	1068.4	0.935 96	2770.6	7.3325	<b>150</b>	959.86	1.0418	2769.1	7.2810
1219.2	0.820 21	2782.3	7.4135	<b>155</b>	1081.9	0.924 28	2780.9	7.3565	<b>155</b>	972.08	1.0287	2779.4	7.3052
1234.3	0.810 21	2792.4	7.4369	<b>160</b>	1095.4	0.912 93	2791.0	7.3801	<b>160</b>	984.26	1.0160	2789.7	7.3290
1249.3	0.800 47	2802.5	7.4601	<b>165</b>	1108.8	0.901 88	2801.2	7.4034	<b>165</b>	996.40	1.0036	2799.9	7.3525
1264.2	0.790 99	2812.5	7.4829	<b>170</b>	1122.2	0.891 13	2811.3	7.4264	<b>170</b>	1008.5	0.991 57	2810.1	7.3756
1279.2	0.781 75	2822.6	7.5055	<b>175</b>	1135.5	0.880 66	2821.4	7.4491	<b>175</b>	1020.6	0.979 84	2820.2	7.3984
1294.1	0.772 74	2832.6	7.5277	<b>180</b>	1148.8	0.870 45	2831.5	7.4714	<b>180</b>	1032.6	0.968 42	2830.4	7.4209
1309.0	0.763 95	2842.6	7.5497	<b>185</b>	1162.1	0.860 50	2841.6	7.4935	<b>185</b>	1044.6	0.957 29	2840.5	7.4431
1323.8	0.755 38	2852.6	7.5714	<b>190</b>	1175.4	0.850 79	2851.6	7.5154	<b>190</b>	1056.6	0.946 44	2850.6	7.4650
1338.7	0.747 01	2862.6	7.5929	<b>195</b>	1188.6	0.841 32	2861.7	7.5369	<b>195</b>	1068.5	0.935 85	2860.7	7.4867
1353.5	0.738 83	2872.6	7.6141	<b>200</b>	1201.8	0.832 07	2871.7	7.5582	<b>200</b>	1080.5	0.925 51	2870.7	7.5081
1383.1	0.723 04	2892.6	7.6559	<b>210</b>	1228.2	0.814 21	2891.7	7.6002	<b>210</b>	1104.3	0.905 56	2890.8	7.5501
1412.6	0.707 94	2912.6	7.6968	<b>220</b>	1254.5	0.797 14	2911.8	7.6412	<b>220</b>	1128.0	0.886 50	2910.9	7.5913
1442.0	0.693 49	2932.5	7.7369	<b>230</b>	1280.7	0.780 81	2931.8	7.6814	<b>230</b>	1151.7	0.868 28	2931.0	7.6316
1471.4	0.679 64	2952.5	7.7762	<b>240</b>	1306.9	0.765 17	2951.8	7.7208	<b>240</b>	1175.3	0.850 83	2951.1	7.6712
1500.7	0.666 35	2972.5	7.8148	<b>250</b>	1333.0	0.750 17	2971.9	7.7595	<b>250</b>	1198.9	0.834 10	2971.2	7.7100
1530.0	0.653 59	2992.6	7.8528	<b>260</b>	1359.1	0.735 76	2991.9	7.7975	<b>260</b>	1222.4	0.818 05	2991.3	7.7480
1559.3	0.641 32	3012.6	7.8901	<b>270</b>	1385.2	0.721 92	3012.1	7.8349	<b>270</b>	1245.9	0.802 62	3011.5	7.7855
1588.5	0.629 52	3032.7	7.9267	<b>280</b>	1411.2	0.708 61	3032.2	7.8716	<b>280</b>	1269.4	0.787 78	3031.6	7.8223
1617.7	0.618 16	3052.9	7.9628	<b>290</b>	1437.2	0.695 79	3052.4	7.9078	<b>290</b>	1292.8	0.773 50	3051.8	7.8584

**Table 3. Compressed Water and Superheated Steam (continued)**

0.16 MPa ( $t_s = 113.297$ °C)					0.18 MPa ( $t_s = 116.911$ °C)					0.20 MPa ( $t_s = 120.210$ °C)				
$v$	$\rho$	$h$	$s$	$t, \text{°C}$	$v$	$\rho$	$h$	$s$	$t, \text{°C}$	$v$	$\rho$	$h$	$s$	$t, \text{°C}$
1646.9	0.607 21	3073.1	7.9983	<b>300</b>	1463.2	0.683 44	3072.6	7.9433	<b>300</b>	1316.2	0.759 75	3072.1	7.8941	
1676.0	0.596 64	3093.3	8.0333	<b>310</b>	1489.1	0.671 53	3092.8	7.9784	<b>310</b>	1339.6	0.746 48	3092.3	7.9291	
1705.2	0.586 45	3113.6	8.0678	<b>320</b>	1515.1	0.660 04	3113.1	8.0129	<b>320</b>	1363.0	0.733 69	3112.7	7.9637	
1734.3	0.576 61	3133.9	8.1018	<b>330</b>	1541.0	0.648 94	3133.5	8.0469	<b>330</b>	1386.3	0.721 33	3133.0	7.9977	
1763.4	0.567 09	3154.2	8.1353	<b>340</b>	1566.9	0.638 22	3153.8	8.0804	<b>340</b>	1409.7	0.709 39	3153.4	8.0313	
1792.5	0.557 89	3174.7	8.1683	<b>350</b>	1592.7	0.627 85	3174.3	8.1135	<b>350</b>	1433.0	0.697 85	3173.9	8.0644	
1821.5	0.548 99	3195.2	8.2009	<b>360</b>	1618.6	0.617 82	3194.8	8.1461	<b>360</b>	1456.3	0.686 69	3194.4	8.0971	
1850.6	0.540 37	3215.7	8.2331	<b>370</b>	1644.5	0.608 11	3215.3	8.1783	<b>370</b>	1479.5	0.675 88	3215.0	8.1293	
1879.6	0.532 02	3236.3	8.2649	<b>380</b>	1670.3	0.598 70	3235.9	8.2101	<b>380</b>	1502.8	0.665 42	3235.6	8.1611	
1908.7	0.523 93	3256.9	8.2962	<b>390</b>	1696.1	0.589 58	3256.6	8.2415	<b>390</b>	1526.1	0.655 27	3256.3	8.1925	
1937.7	0.516 08	3277.6	8.3272	<b>400</b>	1721.9	0.580 74	3277.3	8.2725	<b>400</b>	1549.3	0.645 44	3277.0	8.2236	
1966.7	0.508 47	3298.4	8.3578	<b>410</b>	1747.7	0.572 17	3298.1	8.3032	<b>410</b>	1572.6	0.635 90	3297.8	8.2542	
1995.7	0.501 08	3319.2	8.3881	<b>420</b>	1773.5	0.563 85	3318.9	8.3334	<b>420</b>	1595.8	0.626 64	3318.7	8.2845	
2024.7	0.493 91	3340.1	8.4180	<b>430</b>	1799.3	0.555 77	3339.8	8.3634	<b>430</b>	1619.0	0.617 65	3339.6	8.3145	
2053.7	0.486 93	3361.1	8.4476	<b>440</b>	1825.1	0.547 92	3360.8	8.3930	<b>440</b>	1642.2	0.608 92	3360.5	8.3441	
2082.6	0.480 16	3382.1	8.4769	<b>450</b>	1850.9	0.540 29	3381.8	8.4222	<b>450</b>	1665.5	0.600 44	3381.6	8.3734	
2111.6	0.473 57	3403.2	8.5058	<b>460</b>	1876.6	0.532 87	3402.9	8.4512	<b>460</b>	1688.7	0.592 18	3402.7	8.4023	
2140.6	0.467 16	3424.3	8.5344	<b>470</b>	1902.4	0.525 65	3424.1	8.4799	<b>470</b>	1711.9	0.584 16	3423.8	8.4310	
2169.5	0.460 93	3445.5	8.5628	<b>480</b>	1928.2	0.518 63	3445.3	8.5082	<b>480</b>	1735.1	0.576 35	3445.0	8.4594	
2198.5	0.454 86	3466.8	8.5908	<b>490</b>	1953.9	0.511 79	3466.5	8.5363	<b>490</b>	1758.2	0.568 75	3466.3	8.4874	
2227.4	0.448 94	3488.1	8.6186	<b>500</b>	1979.7	0.505 14	3487.9	8.5641	<b>500</b>	1781.4	0.561 35	3487.7	8.5152	
2285.3	0.437 57	3531.0	8.6734	<b>520</b>	2031.1	0.492 34	3530.8	8.6188	<b>520</b>	1827.8	0.547 12	3530.6	8.5700	
2343.2	0.426 77	3574.1	8.7271	<b>540</b>	2082.6	0.480 17	3573.9	8.6725	<b>540</b>	1874.1	0.533 59	3573.7	8.6237	
2401.1	0.416 48	3617.5	8.7798	<b>560</b>	2134.0	0.468 60	3617.3	8.7253	<b>560</b>	1920.4	0.520 72	3617.1	8.6765	
2458.9	0.406 69	3661.2	8.8316	<b>580</b>	2185.5	0.457 57	3661.0	8.7771	<b>580</b>	1966.7	0.508 46	3660.8	8.7283	
2516.7	0.397 34	3705.1	8.8825	<b>600</b>	2236.9	0.447 05	3705.0	8.8280	<b>600</b>	2013.0	0.496 77	3704.8	8.7792	
2574.5	0.388 42	3749.3	8.9326	<b>620</b>	2288.3	0.437 01	3749.2	8.8781	<b>620</b>	2059.3	0.485 60	3749.0	8.8293	
2632.4	0.379 89	3793.8	8.9819	<b>640</b>	2339.7	0.427 41	3793.7	8.9274	<b>640</b>	2105.6	0.474 93	3793.6	8.8786	
2690.2	0.371 72	3838.6	9.0304	<b>660</b>	2391.1	0.418 22	3838.5	8.9759	<b>660</b>	2151.8	0.464 72	3838.4	8.9272	
2748.0	0.363 91	3883.7	9.0781	<b>680</b>	2442.5	0.409 42	3883.6	9.0237	<b>680</b>	2198.1	0.454 94	3883.4	8.9750	
2805.7	0.356 41	3929.0	9.1252	<b>700</b>	2493.8	0.400 99	3928.9	9.0708	<b>700</b>	2244.3	0.445 57	3928.8	9.0220	
2863.5	0.349 22	3974.6	9.1716	<b>720</b>	2545.2	0.392 89	3974.5	9.1172	<b>720</b>	2290.6	0.436 57	3974.4	9.0685	
2921.3	0.342 31	4020.5	9.2174	<b>740</b>	2596.6	0.385 12	4020.4	9.1629	<b>740</b>	2336.8	0.427 93	4020.3	9.1142	
2979.1	0.335 68	4066.7	9.2625	<b>760</b>	2647.9	0.377 65	4066.6	9.2081	<b>760</b>	2383.0	0.419 63	4066.5	9.1594	
3036.8	0.329 29	4113.2	9.3071	<b>780</b>	2699.3	0.370 47	4113.1	9.2526	<b>780</b>	2429.3	0.411 65	4113.0	9.2039	
3094.6	0.323 14	4159.9	9.3510	<b>800</b>	2750.6	0.363 55	4159.8	9.2966	<b>800</b>	2475.5	0.403 96	4159.8	9.2479	
3152.3	0.317 22	4207.0	9.3944	<b>820</b>	2802.0	0.356 89	4206.9	9.3400	<b>820</b>	2521.7	0.396 56	4206.8	9.2913	
3210.1	0.311 52	4254.3	9.4373	<b>840</b>	2853.3	0.350 47	4254.2	9.3829	<b>840</b>	2567.9	0.389 42	4254.1	9.3342	
3267.9	0.306 01	4301.8	9.4797	<b>860</b>	2904.7	0.344 27	4301.7	9.4253	<b>860</b>	2614.1	0.382 54	4301.7	9.3766	
3325.6	0.300 70	4349.7	9.5215	<b>880</b>	2956.0	0.338 29	4349.6	9.4671	<b>880</b>	2660.3	0.375 89	4349.5	9.4184	
3383.3	0.295 57	4397.8	9.5629	<b>900</b>	3007.3	0.332 52	4397.7	9.5085	<b>900</b>	2706.6	0.369 47	4397.6	9.4598	
3441.1	0.290 61	4446.2	9.6038	<b>920</b>	3058.7	0.326 94	4446.1	9.5494	<b>920</b>	2752.8	0.363 27	4446.0	9.5007	
3498.8	0.285 81	4494.8	9.6442	<b>940</b>	3110.0	0.321 54	4494.8	9.5898	<b>940</b>	2799.0	0.357 28	4494.7	9.5412	
3556.6	0.281 17	4543.8	9.6842	<b>960</b>	3161.3	0.316 32	4543.7	9.6298	<b>960</b>	2845.1	0.351 48	4543.6	9.5812	
3614.3	0.276 68	4592.9	9.7238	<b>980</b>	3212.7	0.311 27	4592.9	9.6694	<b>980</b>	2891.3	0.345 86	4592.8	9.6207	
3672.0	0.272 33	4642.4	9.7629	<b>1000</b>	3264.0	0.306 38	4642.3	9.7085	<b>1000</b>	2937.5	0.340 42	4642.3	9.6599	
3960.6	0.252 48	4893.4	9.9527	<b>1100</b>	3520.5	0.284 05	4893.3	9.8983	<b>1100</b>	3168.5	0.315 61	4893.3	9.8497	
4249.2	0.235 34	5150.5	10.133	<b>1200</b>	3777.1	0.264 75	5150.4	10.079	<b>1200</b>	3399.4	0.294 17	5150.4	10.030	
4537.8	0.220 37	5413.2	10.306	<b>1300</b>	4033.6	0.247 92	5413.1	10.252	<b>1300</b>	3630.2	0.275 46	5413.1	10.203	
4826.3	0.207 20	5681.1	10.471	<b>1400</b>	4290.1	0.233 10	5681.1	10.417	<b>1400</b>	3861.1	0.258 99	5681.0	10.368	
5114.9	0.195 51	5953.8	10.629	<b>1500</b>	4546.6	0.219 95	5953.8	10.575	<b>1500</b>	4091.9	0.244 38	5953.8	10.526	
5403.4	0.185 07	6231.0	10.781	<b>1600</b>	4803.0	0.208 20	6231.0	10.727	<b>1600</b>	4322.8	0.231 33	6230.9	10.678	
5980.4	0.167 21	6797.1	11.068	<b>1800</b>	5315.9	0.188 11	6797.1	11.014	<b>1800</b>	4784.4	0.209 01	6797.1	10.965	
6557.3	0.152 50	7377.0	11.335	<b>2000</b>	5828.8	0.171 56	7376.9	11.281	<b>2000</b>	5246.0	0.190 62	7376.9	11.232	

**Table 3. Compressed Water and Superheated Steam (continued)**

0.22 MPa ( $t_s = 123.250 \text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.24 MPa ( $t_s = 126.072 \text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	0.26 MPa ( $t_s = 128.708 \text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.063 30	940.47	517.63	1.5628	$t_{s(L)}$	1.065 94	938.13	529.64	1.5930	$t_{s(L)}$	1.068 46	935.93	540.87	1.6210
810.07	1.2345	2710.6	7.0951	$t_{s(V)}$	746.68	1.3393	2714.6	7.0661	$t_{s(V)}$	692.73	1.4436	2718.3	7.0394
1.000 10	999.90	0.18	-0.000 14	<b>0</b>	1.000 09	999.91	0.20	-0.000 14	<b>0</b>	1.000 08	999.92	0.22	-0.000 14
0.999 98	1000.02	21.24	0.076 25	<b>5</b>	0.999 97	1000.03	21.26	0.076 25	<b>5</b>	0.999 96	1000.04	21.28	0.076 25
1.000 24	999.76	42.23	0.151 07	<b>10</b>	1.000 23	999.77	42.25	0.151 06	<b>10</b>	1.000 22	999.78	42.27	0.151 06
1.000 84	999.16	63.19	0.224 43	<b>15</b>	1.000 83	999.17	63.21	0.224 43	<b>15</b>	1.000 82	999.18	63.23	0.224 42
1.001 74	998.26	84.12	0.296 44	<b>20</b>	1.001 73	998.27	84.14	0.296 43	<b>20</b>	1.001 72	998.28	84.16	0.296 43
1.002 91	997.10	105.03	0.367 17	<b>25</b>	1.002 90	997.11	105.05	0.367 16	<b>25</b>	1.002 89	997.12	105.07	0.367 16
1.004 32	995.70	125.93	0.436 69	<b>30</b>	1.004 31	995.71	125.95	0.436 68	<b>30</b>	1.004 30	995.72	125.97	0.436 68
1.005 95	994.09	146.83	0.505 06	<b>35</b>	1.005 94	994.09	146.84	0.505 05	<b>35</b>	1.005 93	994.10	146.86	0.505 04
1.007 79	992.27	167.72	0.572 32	<b>40</b>	1.007 78	992.28	167.74	0.572 31	<b>40</b>	1.007 77	992.29	167.76	0.572 30
1.009 83	990.26	188.62	0.638 52	<b>45</b>	1.009 82	990.27	188.64	0.638 52	<b>45</b>	1.009 81	990.28	188.65	0.638 51
1.012 06	988.09	209.52	0.703 71	<b>50</b>	1.012 05	988.10	209.54	0.703 70	<b>50</b>	1.012 04	988.10	209.56	0.703 69
1.014 46	985.74	230.43	0.767 92	<b>55</b>	1.014 45	985.75	230.45	0.767 91	<b>55</b>	1.014 44	985.76	230.46	0.767 90
1.017 04	983.25	251.35	0.831 19	<b>60</b>	1.017 03	983.26	251.37	0.831 18	<b>60</b>	1.017 02	983.27	251.38	0.831 17
1.019 78	980.60	272.28	0.893 54	<b>65</b>	1.019 77	980.61	272.29	0.893 53	<b>65</b>	1.019 76	980.62	272.31	0.893 52
1.022 69	977.82	293.22	0.955 02	<b>70</b>	1.022 68	977.83	293.24	0.955 01	<b>70</b>	1.022 67	977.83	293.25	0.955 00
1.025 75	974.90	314.18	1.0157	<b>75</b>	1.025 74	974.90	314.19	1.0156	<b>75</b>	1.025 73	974.91	314.21	1.0156
1.028 97	971.84	335.15	1.0755	<b>80</b>	1.028 96	971.85	335.17	1.0755	<b>80</b>	1.028 95	971.86	335.18	1.0754
1.032 35	968.67	356.14	1.1345	<b>85</b>	1.032 34	968.67	356.16	1.1345	<b>85</b>	1.032 33	968.68	356.17	1.1345
1.035 88	965.36	377.16	1.1928	<b>90</b>	1.035 87	965.37	377.17	1.1927	<b>90</b>	1.035 86	965.38	377.19	1.1927
1.039 56	961.94	398.19	1.2503	<b>95</b>	1.039 55	961.95	398.21	1.2503	<b>95</b>	1.039 54	961.96	398.22	1.2503
1.043 40	958.40	419.26	1.3071	<b>100</b>	1.043 39	958.41	419.27	1.3071	<b>100</b>	1.043 38	958.42	419.29	1.3071
1.047 39	954.75	440.35	1.3633	<b>105</b>	1.047 38	954.76	440.36	1.3633	<b>105</b>	1.047 37	954.77	440.38	1.3632
1.051 54	950.99	461.47	1.4188	<b>110</b>	1.051 53	950.99	461.49	1.4187	<b>110</b>	1.051 52	951.00	461.50	1.4187
1.055 85	947.11	482.63	1.4736	<b>115</b>	1.055 84	947.12	482.64	1.4736	<b>115</b>	1.055 83	947.13	482.66	1.4736
1.060 31	943.12	503.83	1.5279	<b>120</b>	1.060 30	943.13	503.84	1.5279	<b>120</b>	1.060 29	943.14	503.85	1.5279
814.14	1.2283	2714.4	7.1047	<b>125</b>	1.064 93	939.03	525.08	1.5816	<b>125</b>	1.064 92	939.04	525.09	1.5815
825.67	1.2111	2725.3	7.1318	<b>130</b>	755.07	1.3244	2723.2	7.0876	<b>130</b>	695.30	1.4382	2721.2	7.0465
837.12	1.1946	2736.0	7.1582	<b>135</b>	765.66	1.3061	2734.1	7.1143	<b>135</b>	705.17	1.4181	2732.2	7.0736
848.48	1.1786	2746.6	7.1840	<b>140</b>	776.16	1.2884	2744.8	7.1405	<b>140</b>	714.95	1.3987	2743.0	7.1001
859.78	1.1631	2757.1	7.2093	<b>145</b>	786.60	1.2713	2755.4	7.1660	<b>145</b>	724.66	1.3800	2753.8	7.1259
871.02	1.1481	2767.6	7.2341	<b>150</b>	796.97	1.2547	2766.0	7.1911	<b>150</b>	734.31	1.3618	2764.4	7.1512
882.20	1.1335	2777.9	7.2585	<b>155</b>	807.29	1.2387	2776.5	7.2157	<b>155</b>	743.90	1.3443	2775.0	7.1760
893.34	1.1194	2788.3	7.2825	<b>160</b>	817.57	1.2231	2786.9	7.2399	<b>160</b>	753.44	1.3273	2785.5	7.2004
904.44	1.1057	2798.6	7.3062	<b>165</b>	827.79	1.2080	2797.2	7.2636	<b>165</b>	762.93	1.3107	2795.9	7.2243
915.50	1.0923	2808.8	7.3294	<b>170</b>	837.98	1.1933	2807.6	7.2871	<b>170</b>	772.39	1.2947	2806.3	7.2479
926.52	1.0793	2819.0	7.3524	<b>175</b>	848.14	1.1791	2817.8	7.3101	<b>175</b>	781.81	1.2791	2816.6	7.2711
937.51	1.0667	2829.2	7.3750	<b>180</b>	858.26	1.1652	2828.1	7.3329	<b>180</b>	791.19	1.2639	2826.9	7.2940
948.47	1.0543	2839.4	7.3973	<b>185</b>	868.35	1.1516	2838.3	7.3553	<b>185</b>	800.55	1.2491	2837.2	7.3165
959.41	1.0423	2849.5	7.4193	<b>190</b>	878.41	1.1384	2848.5	7.3774	<b>190</b>	809.87	1.2348	2847.4	7.3387
970.32	1.0306	2859.7	7.4411	<b>195</b>	888.45	1.1256	2858.7	7.3993	<b>195</b>	819.17	1.2207	2857.6	7.3607
981.20	1.0192	2869.8	7.4625	<b>200</b>	898.47	1.1130	2868.8	7.4208	<b>200</b>	828.45	1.2071	2867.8	7.3823
1002.9	0.997 09	2890.0	7.5048	<b>210</b>	918.43	1.0888	2889.1	7.4632	<b>210</b>	846.95	1.1807	2888.2	7.4249
1024.6	0.976 03	2910.1	7.5461	<b>220</b>	938.33	1.0657	2909.3	7.5046	<b>220</b>	865.37	1.1556	2908.5	7.4664
1046.1	0.955 90	2930.3	7.5865	<b>230</b>	958.16	1.0437	2929.5	7.5452	<b>230</b>	883.72	1.1316	2928.7	7.5071
1067.7	0.936 63	2950.4	7.6261	<b>240</b>	977.94	1.0226	2949.7	7.5849	<b>240</b>	902.03	1.1086	2949.0	7.5469
1089.1	0.918 16	2970.5	7.6650	<b>250</b>	997.67	1.0023	2969.9	7.6239	<b>250</b>	920.28	1.0866	2969.2	7.5860
1110.6	0.900 44	2990.7	7.7032	<b>260</b>	1017.4	0.982 93	2990.1	7.6621	<b>260</b>	938.49	1.0655	2989.4	7.6243
1132.0	0.883 41	3010.9	7.7407	<b>270</b>	1037.0	0.964 31	3010.3	7.6997	<b>270</b>	956.66	1.0453	3009.7	7.6619
1153.3	0.867 05	3031.1	7.7775	<b>280</b>	1056.6	0.946 40	3030.5	7.7366	<b>280</b>	974.81	1.0258	3030.0	7.6989
1174.7	0.851 30	3051.3	7.8138	<b>290</b>	1076.2	0.929 17	3050.8	7.7729	<b>290</b>	992.92	1.0071	3050.3	7.7353

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.22 MPa (<math>t_s = 123.250\text{ }^\circ\text{C}</math>)</b>				$t, \text{ }^\circ\text{C}$	<b>0.24 MPa (<math>t_s = 126.072\text{ }^\circ\text{C}</math>)</b>				$t, \text{ }^\circ\text{C}$	<b>0.26 MPa (<math>t_s = 128.708\text{ }^\circ\text{C}</math>)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1196.0	0.836 13	3071.6	7.8494	<b>300</b>	1095.8	0.912 58	3071.1	7.8086	<b>300</b>	1011.0	0.989 12	3070.6	7.7710
1217.3	0.821 50	3091.9	7.8845	<b>310</b>	1115.3	0.896 60	3091.4	7.8438	<b>310</b>	1029.1	0.971 76	3090.9	7.8063
1238.5	0.807 40	3112.2	7.9191	<b>320</b>	1134.8	0.881 17	3111.8	7.8784	<b>320</b>	1047.1	0.955 01	3111.3	7.8409
1259.8	0.793 78	3132.6	7.9532	<b>330</b>	1154.3	0.866 29	3132.2	7.9125	<b>330</b>	1065.1	0.938 85	3131.8	7.8751
1281.0	0.780 63	3153.0	7.9868	<b>340</b>	1173.8	0.851 91	3152.6	7.9462	<b>340</b>	1083.1	0.923 25	3152.2	7.9087
1302.2	0.767 91	3173.5	8.0200	<b>350</b>	1193.3	0.838 01	3173.1	7.9793	<b>350</b>	1101.1	0.908 17	3172.7	7.9419
1323.4	0.755 61	3194.0	8.0526	<b>360</b>	1212.8	0.824 57	3193.7	8.0121	<b>360</b>	1119.1	0.893 58	3193.3	7.9747
1344.6	0.743 70	3214.6	8.0849	<b>370</b>	1232.2	0.811 56	3214.3	8.0443	<b>370</b>	1137.1	0.879 47	3213.9	8.0070
1365.8	0.732 17	3235.3	8.1167	<b>380</b>	1251.6	0.798 97	3234.9	8.0762	<b>380</b>	1155.0	0.865 80	3234.6	8.0389
1387.0	0.721 00	3256.0	8.1482	<b>390</b>	1271.0	0.786 76	3255.6	8.1077	<b>390</b>	1172.9	0.852 56	3255.3	8.0704
1408.1	0.710 17	3276.7	8.1792	<b>400</b>	1290.4	0.774 93	3276.4	8.1387	<b>400</b>	1190.9	0.839 73	3276.1	8.1014
1429.3	0.699 66	3297.5	8.2099	<b>410</b>	1309.8	0.763 46	3297.2	8.1694	<b>410</b>	1208.8	0.827 28	3296.9	8.1322
1450.4	0.689 47	3318.4	8.2402	<b>420</b>	1329.2	0.752 32	3318.1	8.1998	<b>420</b>	1226.7	0.815 20	3317.8	8.1625
1471.5	0.679 57	3339.3	8.2702	<b>430</b>	1348.6	0.741 51	3339.0	8.2297	<b>430</b>	1244.6	0.803 48	3338.7	8.1925
1492.6	0.669 95	3360.3	8.2998	<b>440</b>	1368.0	0.731 01	3360.0	8.2594	<b>440</b>	1262.5	0.792 09	3359.7	8.2222
1513.8	0.660 61	3381.3	8.3291	<b>450</b>	1387.3	0.720 81	3381.1	8.2887	<b>450</b>	1280.4	0.781 03	3380.8	8.2515
1534.9	0.651 53	3402.4	8.3581	<b>460</b>	1406.7	0.710 89	3402.2	8.3177	<b>460</b>	1298.2	0.770 27	3401.9	8.2805
1556.0	0.642 69	3423.6	8.3868	<b>470</b>	1426.0	0.701 24	3423.3	8.3464	<b>470</b>	1316.1	0.759 81	3423.1	8.3092
1577.1	0.634 09	3444.8	8.4151	<b>480</b>	1445.4	0.691 86	3444.6	8.3748	<b>480</b>	1334.0	0.749 64	3444.4	8.3376
1598.1	0.625 73	3466.1	8.4432	<b>490</b>	1464.7	0.682 72	3465.9	8.4029	<b>490</b>	1351.8	0.739 73	3465.7	8.3657
1619.2	0.617 58	3487.5	8.4710	<b>500</b>	1484.1	0.673 83	3487.2	8.4307	<b>500</b>	1369.7	0.730 09	3487.0	8.3935
1661.4	0.601 91	3530.4	8.5258	<b>520</b>	1522.7	0.656 72	3530.2	8.4855	<b>520</b>	1405.4	0.711 54	3530.0	8.4483
1703.5	0.587 02	3573.5	8.5796	<b>540</b>	1561.4	0.640 47	3573.3	8.5392	<b>540</b>	1441.1	0.693 92	3573.2	8.5021
1745.6	0.572 86	3617.0	8.6323	<b>560</b>	1600.0	0.625 01	3616.8	8.5920	<b>560</b>	1476.7	0.677 17	3616.6	8.5549
1787.7	0.559 36	3660.7	8.6842	<b>580</b>	1638.6	0.610 28	3660.5	8.6439	<b>580</b>	1512.4	0.661 20	3660.3	8.6068
1829.8	0.546 50	3704.6	8.7351	<b>600</b>	1677.2	0.596 23	3704.5	8.6948	<b>600</b>	1548.0	0.645 98	3704.3	8.6578
1871.9	0.534 21	3748.9	8.7852	<b>620</b>	1715.8	0.582 82	3748.7	8.7449	<b>620</b>	1583.7	0.631 44	3748.6	8.7079
1914.0	0.522 46	3793.4	8.8345	<b>640</b>	1754.4	0.570 01	3793.3	8.7943	<b>640</b>	1619.3	0.617 55	3793.1	8.7572
1956.1	0.511 23	3838.2	8.8831	<b>660</b>	1792.9	0.557 74	3838.1	8.8428	<b>660</b>	1654.9	0.604 26	3838.0	8.8057
1998.1	0.500 47	3883.3	8.9309	<b>680</b>	1831.5	0.546 00	3883.2	8.8906	<b>680</b>	1690.5	0.591 54	3883.1	8.8536
2040.2	0.490 15	3928.7	8.9780	<b>700</b>	1870.1	0.534 74	3928.5	8.9377	<b>700</b>	1726.1	0.579 34	3928.4	8.9007
2082.2	0.480 25	3974.3	9.0244	<b>720</b>	1908.6	0.523 94	3974.2	8.9841	<b>720</b>	1761.7	0.567 63	3974.1	8.9471
2124.3	0.470 75	4020.2	9.0702	<b>740</b>	1947.2	0.513 57	4020.1	9.0299	<b>740</b>	1797.3	0.556 39	4020.0	8.9929
2166.3	0.461 61	4066.4	9.1153	<b>760</b>	1985.7	0.503 60	4066.3	9.0751	<b>760</b>	1832.9	0.545 59	4066.2	9.0381
2208.3	0.452 83	4112.9	9.1599	<b>780</b>	2024.2	0.494 01	4112.8	9.1196	<b>780</b>	1868.4	0.535 20	4112.7	9.0826
2250.4	0.444 37	4159.7	9.2039	<b>800</b>	2062.8	0.484 79	4159.6	9.1636	<b>800</b>	1904.0	0.525 20	4159.5	9.1266
2292.4	0.436 23	4206.7	9.2473	<b>820</b>	2101.3	0.475 90	4206.6	9.2071	<b>820</b>	1939.6	0.515 57	4206.5	9.1700
2334.4	0.428 37	4254.0	9.2902	<b>840</b>	2139.8	0.467 33	4253.9	9.2499	<b>840</b>	1975.2	0.506 29	4253.8	9.2129
2376.4	0.420 80	4301.6	9.3325	<b>860</b>	2178.3	0.459 07	4301.5	9.2923	<b>860</b>	2010.7	0.497 34	4301.4	9.2553
2418.4	0.413 49	4349.4	9.3744	<b>880</b>	2216.8	0.451 09	4349.4	9.3342	<b>880</b>	2046.3	0.488 69	4349.3	9.2972
2460.4	0.406 43	4397.6	9.4158	<b>900</b>	2255.4	0.443 39	4397.5	9.3756	<b>900</b>	2081.8	0.480 35	4397.4	9.3386
2502.5	0.399 61	4446.0	9.4567	<b>920</b>	2293.9	0.435 94	4445.9	9.4165	<b>920</b>	2117.4	0.472 28	4445.8	9.3795
2544.5	0.393 01	4494.6	9.4971	<b>940</b>	2332.4	0.428 75	4494.6	9.4569	<b>940</b>	2152.9	0.464 48	4494.5	9.4199
2586.5	0.386 63	4543.6	9.5371	<b>960</b>	2370.9	0.421 78	4543.5	9.4969	<b>960</b>	2188.5	0.456 94	4543.4	9.4599
2628.5	0.380 45	4592.8	9.5767	<b>980</b>	2409.4	0.415 04	4592.7	9.5365	<b>980</b>	2224.0	0.449 64	4592.6	9.4995
2670.5	0.374 47	4642.2	9.6159	<b>1000</b>	2447.9	0.408 52	4642.2	9.5757	<b>1000</b>	2259.6	0.442 56	4642.1	9.5387
2880.4	0.347 17	4893.3	9.8056	<b>1100</b>	2640.4	0.378 74	4893.2	9.7655	<b>1100</b>	2437.2	0.410 30	4893.2	9.7285
3090.3	0.323 59	5150.3	9.9863	<b>1200</b>	2832.8	0.353 01	5150.3	9.9462	<b>1200</b>	2614.9	0.382 43	5150.3	9.9092
3300.2	0.303 01	5413.1	10.159	<b>1300</b>	3025.2	0.330 56	5413.0	10.119	<b>1300</b>	2792.5	0.358 10	5413.0	10.082
3510.1	0.284 89	5681.0	10.324	<b>1400</b>	3217.6	0.310 79	5681.0	10.284	<b>1400</b>	2970.1	0.336 69	5681.0	10.247
3720.0	0.268 82	5953.7	10.482	<b>1500</b>	3410.0	0.293 26	5953.7	10.442	<b>1500</b>	3147.7	0.317 69	5953.7	10.405
3929.8	0.254 47	6230.9	10.634	<b>1600</b>	3602.3	0.277 60	6230.9	10.594	<b>1600</b>	3325.3	0.300 73	6230.9	10.557
4349.5	0.229 91	6797.1	10.921	<b>1800</b>	3987.0	0.250 81	6797.1	10.881	<b>1800</b>	3680.4	0.271 71	6797.1	10.844
4769.1	0.209 68	7376.9	11.188	<b>2000</b>	4371.7	0.228 74	7376.9	11.148	<b>2000</b>	4035.5	0.247 80	7376.9	11.111

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.28 MPa (<math>t_s = 131.185\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.30 MPa (<math>t_s = 133.522\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.35 MPa (<math>t_s = 138.857\text{ }^\circ\text{C}</math>)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.070 86	933.83	551.44	1.6471	$t_s(\text{L})$	1.073 17	931.82	561.43	1.6717	$t_s(\text{L})$	1.078 57	927.15	584.26	1.7274
646.24	1.5474	2721.7	7.0146	$t_s(\text{V})$	605.76	1.6508	2724.9	6.9916	$t_s(\text{V})$	524.18	1.9077	2732.0	6.9401
1.000 07	999.93	0.24	-0.000 14	<b>0</b>	1.000 06	999.94	0.26	-0.000 13	<b>0</b>	1.000 03	999.97	0.31	-0.000 13
0.999 95	1000.05	21.30	0.076 25	<b>5</b>	0.999 94	1000.06	21.32	0.076 25	<b>5</b>	0.999 91	1000.09	21.37	0.076 25
1.000 21	999.79	42.29	0.151 06	<b>10</b>	1.000 20	999.80	42.31	0.151 06	<b>10</b>	1.000 18	999.82	42.36	0.151 06
1.000 81	999.19	63.25	0.224 42	<b>15</b>	1.000 81	999.20	63.27	0.224 42	<b>15</b>	1.000 78	999.22	63.31	0.224 41
1.001 71	998.29	84.18	0.296 43	<b>20</b>	1.001 70	998.30	84.19	0.296 42	<b>20</b>	1.001 68	998.32	84.24	0.296 41
1.002 88	997.13	105.09	0.367 15	<b>25</b>	1.002 87	997.14	105.10	0.367 15	<b>25</b>	1.002 85	997.16	105.15	0.367 14
1.004 29	995.73	125.99	0.436 67	<b>30</b>	1.004 28	995.74	126.00	0.436 66	<b>30</b>	1.004 26	995.76	126.05	0.436 65
1.005 92	994.11	146.88	0.505 03	<b>35</b>	1.005 91	994.12	146.90	0.505 03	<b>35</b>	1.005 89	994.14	146.94	0.505 01
1.007 77	992.29	167.77	0.572 30	<b>40</b>	1.007 76	992.30	167.79	0.572 29	<b>40</b>	1.007 73	992.33	167.84	0.572 27
1.009 80	990.29	188.67	0.638 50	<b>45</b>	1.009 80	990.30	188.69	0.638 49	<b>45</b>	1.009 77	990.32	188.73	0.638 47
1.012 03	988.11	209.57	0.703 68	<b>50</b>	1.012 02	988.12	209.59	0.703 68	<b>50</b>	1.012 00	988.14	209.63	0.703 65
1.014 43	985.77	230.48	0.767 89	<b>55</b>	1.014 43	985.78	230.50	0.767 88	<b>55</b>	1.014 40	985.80	230.54	0.767 86
1.017 01	983.27	251.40	0.831 15	<b>60</b>	1.017 00	983.28	251.42	0.831 14	<b>60</b>	1.016 98	983.30	251.46	0.831 12
1.019 75	980.63	272.33	0.893 51	<b>65</b>	1.019 74	980.64	272.34	0.893 50	<b>65</b>	1.019 72	980.66	272.39	0.893 47
1.022 66	977.84	293.27	0.954 98	<b>70</b>	1.022 65	977.85	293.29	0.954 97	<b>70</b>	1.022 63	977.87	293.33	0.954 94
1.025 72	974.92	314.22	1.0156	<b>75</b>	1.025 71	974.93	314.24	1.0156	<b>75</b>	1.025 69	974.95	314.28	1.0156
1.028 94	971.87	335.20	1.0754	<b>80</b>	1.028 93	971.88	335.21	1.0754	<b>80</b>	1.028 91	971.90	335.25	1.0754
1.032 32	968.69	356.19	1.1344	<b>85</b>	1.032 31	968.70	356.20	1.1344	<b>85</b>	1.032 29	968.72	356.24	1.1344
1.035 85	965.39	377.20	1.1927	<b>90</b>	1.035 84	965.40	377.22	1.1927	<b>90</b>	1.035 81	965.42	377.26	1.1927
1.039 53	961.97	398.24	1.2502	<b>95</b>	1.039 52	961.98	398.25	1.2502	<b>95</b>	1.039 50	962.00	398.29	1.2502
1.043 37	958.43	419.30	1.3071	<b>100</b>	1.043 36	958.44	419.32	1.3071	<b>100</b>	1.043 33	958.47	419.35	1.3070
1.047 36	954.78	440.39	1.3632	<b>105</b>	1.047 35	954.79	440.41	1.3632	<b>105</b>	1.047 32	954.81	440.44	1.3632
1.051 51	951.01	461.51	1.4187	<b>110</b>	1.051 50	951.02	461.53	1.4187	<b>110</b>	1.051 47	951.05	461.57	1.4187
1.055 81	947.14	482.67	1.4736	<b>115</b>	1.055 80	947.15	482.69	1.4736	<b>115</b>	1.055 78	947.17	482.72	1.4735
1.060 28	943.15	503.87	1.5278	<b>120</b>	1.060 27	943.16	503.88	1.5278	<b>120</b>	1.060 24	943.18	503.92	1.5278
1.064 91	939.05	525.11	1.5815	<b>125</b>	1.064 90	939.06	525.12	1.5815	<b>125</b>	1.064 87	939.08	525.16	1.5814
1.069 70	934.84	546.39	1.6346	<b>130</b>	1.069 69	934.85	546.40	1.6346	<b>130</b>	1.069 66	934.88	546.44	1.6346
653.30	1.5307	2730.2	7.0356	<b>135</b>	608.33	1.6438	2728.2	6.9998	<b>135</b>	1.074 63	930.56	567.77	1.6872
662.47	1.5095	2741.2	7.0624	<b>140</b>	616.97	1.6208	2739.4	7.0269	<b>140</b>	525.91	1.9015	2734.6	6.9465
671.56	1.4891	2752.1	7.0885	<b>145</b>	625.53	1.5986	2750.3	7.0533	<b>145</b>	533.41	1.8747	2745.9	6.9738
680.59	1.4693	2762.8	7.1140	<b>150</b>	634.01	1.5773	2761.2	7.0791	<b>150</b>	540.83	1.8490	2757.1	7.0003
689.55	1.4502	2773.5	7.1390	<b>155</b>	642.44	1.5566	2771.9	7.1044	<b>155</b>	548.18	1.8242	2768.1	7.0261
698.46	1.4317	2784.0	7.1636	<b>160</b>	650.81	1.5365	2782.6	7.1291	<b>160</b>	555.47	1.8003	2778.9	7.0514
707.33	1.4138	2794.5	7.1877	<b>165</b>	659.13	1.5171	2793.2	7.1534	<b>165</b>	562.72	1.7771	2789.7	7.0761
716.16	1.3963	2805.0	7.2114	<b>170</b>	667.42	1.4983	2803.7	7.1773	<b>170</b>	569.91	1.7547	2800.4	7.1004
724.94	1.3794	2815.4	7.2348	<b>175</b>	675.66	1.4800	2814.2	7.2008	<b>175</b>	577.07	1.7329	2811.1	7.1243
733.70	1.3630	2825.8	7.2578	<b>180</b>	683.87	1.4623	2824.6	7.2239	<b>180</b>	584.19	1.7118	2821.6	7.1477
742.42	1.3469	2836.1	7.2804	<b>185</b>	692.05	1.4450	2835.0	7.2467	<b>185</b>	591.28	1.6912	2832.1	7.1708
751.12	1.3313	2846.4	7.3028	<b>190</b>	700.20	1.4282	2845.3	7.2691	<b>190</b>	598.34	1.6713	2842.6	7.1935
759.79	1.3161	2856.6	7.3248	<b>195</b>	708.32	1.4118	2855.6	7.2913	<b>195</b>	605.37	1.6519	2853.0	7.2159
768.44	1.3013	2866.9	7.3465	<b>200</b>	716.42	1.3958	2865.9	7.3131	<b>200</b>	612.38	1.6330	2863.4	7.2380
785.67	1.2728	2887.3	7.3893	<b>210</b>	732.56	1.3651	2886.4	7.3560	<b>210</b>	626.33	1.5966	2884.1	7.2813
802.82	1.2456	2907.6	7.4310	<b>220</b>	748.62	1.3358	2906.8	7.3978	<b>220</b>	640.20	1.5620	2904.7	7.3235
819.92	1.2196	2928.0	7.4717	<b>230</b>	764.61	1.3078	2927.2	7.4387	<b>230</b>	654.00	1.5290	2925.2	7.3647
836.95	1.1948	2948.3	7.5117	<b>240</b>	780.55	1.2811	2947.5	7.4788	<b>240</b>	667.75	1.4976	2945.7	7.4050
853.94	1.1710	2968.5	7.5508	<b>250</b>	796.44	1.2556	2967.9	7.5180	<b>250</b>	681.45	1.4675	2966.2	7.4444
870.88	1.1483	2988.8	7.5892	<b>260</b>	812.29	1.2311	2988.2	7.5565	<b>260</b>	695.10	1.4386	2986.6	7.4831
887.79	1.1264	3009.1	7.6269	<b>270</b>	828.10	1.2076	3008.5	7.5943	<b>270</b>	708.72	1.4110	3007.0	7.5211
904.67	1.1054	3029.4	7.6640	<b>280</b>	843.88	1.1850	3028.8	7.6314	<b>280</b>	722.30	1.3845	3027.4	7.5583
921.51	1.0852	3049.7	7.7004	<b>290</b>	859.62	1.1633	3049.2	7.6678	<b>290</b>	735.85	1.3590	3047.9	7.5949

**Table 3. Compressed Water and Superheated Steam (continued)**

0.28 MPa ( $t_s = 131.185 \text{ } ^\circ\text{C}$ )				$t, \text{ } ^\circ\text{C}$	0.30 MPa ( $t_s = 133.522 \text{ } ^\circ\text{C}$ )				$t, \text{ } ^\circ\text{C}$	0.35 MPa ( $t_s = 138.857 \text{ } ^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
938.33	1.0657	3070.1	7.7362	<b>300</b>	875.34	1.1424	3069.6	7.7037	<b>300</b>	749.37	1.3344	3068.3	7.6309
955.12	1.0470	3090.5	7.7714	<b>310</b>	891.04	1.1223	3090.0	7.7390	<b>310</b>	762.87	1.3108	3088.8	7.6664
971.90	1.0289	3110.9	7.8062	<b>320</b>	906.72	1.1029	3110.4	7.7738	<b>320</b>	776.35	1.2881	3109.3	7.7012
988.65	1.0115	3131.3	7.8404	<b>330</b>	922.37	1.0842	3130.9	7.8080	<b>330</b>	789.81	1.2661	3129.8	7.7355
1005.4	0.994 64	3151.8	7.8741	<b>340</b>	938.01	1.0661	3151.4	7.8417	<b>340</b>	803.25	1.2449	3150.4	7.7693
1022.1	0.978 37	3172.4	7.9073	<b>350</b>	953.63	1.0486	3172.0	7.8750	<b>350</b>	816.68	1.2245	3171.0	7.8027
1038.8	0.962 64	3192.9	7.9400	<b>360</b>	969.24	1.0317	3192.6	7.9078	<b>360</b>	830.09	1.2047	3191.6	7.8355
1055.5	0.947 41	3213.6	7.9724	<b>370</b>	984.83	1.0154	3213.2	7.9401	<b>370</b>	843.48	1.1856	3212.3	7.8680
1072.2	0.932 67	3234.3	8.0043	<b>380</b>	1000.4	0.999 59	3233.9	7.9721	<b>380</b>	856.87	1.1670	3233.1	7.9000
1088.9	0.918 40	3255.0	8.0358	<b>390</b>	1016.0	0.984 27	3254.7	8.0036	<b>390</b>	870.24	1.1491	3253.9	7.9315
1105.5	0.904 56	3275.8	8.0669	<b>400</b>	1031.5	0.969 42	3275.5	8.0347	<b>400</b>	883.60	1.1317	3274.7	7.9627
1122.2	0.891 14	3296.6	8.0976	<b>410</b>	1047.1	0.955 03	3296.3	8.0655	<b>410</b>	896.95	1.1149	3295.6	7.9935
1138.8	0.878 12	3317.5	8.1280	<b>420</b>	1062.6	0.941 06	3317.2	8.0959	<b>420</b>	910.30	1.0985	3316.5	8.0239
1155.4	0.865 48	3338.5	8.1580	<b>430</b>	1078.2	0.927 50	3338.2	8.1259	<b>430</b>	923.63	1.0827	3337.5	8.0540
1172.1	0.853 20	3359.5	8.1877	<b>440</b>	1093.7	0.914 33	3359.2	8.1556	<b>440</b>	936.96	1.0673	3358.6	8.0837
1188.7	0.841 27	3380.5	8.2170	<b>450</b>	1109.2	0.901 54	3380.3	8.1849	<b>450</b>	950.28	1.0523	3379.7	8.1131
1205.3	0.829 68	3401.7	8.2460	<b>460</b>	1124.7	0.889 11	3401.4	8.2140	<b>460</b>	963.60	1.0378	3400.8	8.1422
1221.9	0.818 40	3422.9	8.2748	<b>470</b>	1140.2	0.877 02	3422.6	8.2427	<b>470</b>	976.90	1.0236	3422.0	8.1709
1238.5	0.807 44	3444.1	8.3032	<b>480</b>	1155.7	0.865 26	3443.9	8.2711	<b>480</b>	990.21	1.0099	3443.3	8.1994
1255.1	0.796 76	3465.4	8.3313	<b>490</b>	1171.2	0.853 81	3465.2	8.2992	<b>490</b>	1003.5	0.996 51	3464.7	8.2275
1271.7	0.786 37	3486.8	8.3591	<b>500</b>	1186.7	0.842 66	3486.6	8.3271	<b>500</b>	1016.8	0.983 48	3486.1	8.2554
1304.8	0.766 38	3529.8	8.4140	<b>520</b>	1217.7	0.821 24	3529.6	8.3819	<b>520</b>	1043.4	0.958 44	3529.1	8.3103
1338.0	0.747 40	3573.0	8.4677	<b>540</b>	1248.6	0.800 88	3572.8	8.4357	<b>540</b>	1069.9	0.934 65	3572.3	8.3642
1371.1	0.729 34	3616.4	8.5206	<b>560</b>	1279.6	0.781 52	3616.3	8.4886	<b>560</b>	1096.5	0.912 03	3615.8	8.4170
1404.2	0.712 14	3660.2	8.5724	<b>580</b>	1310.5	0.763 08	3660.0	8.5404	<b>580</b>	1123.0	0.890 49	3659.6	8.4689
1437.3	0.695 73	3704.2	8.6234	<b>600</b>	1341.4	0.745 50	3704.0	8.5914	<b>600</b>	1149.5	0.869 95	3703.6	8.5200
1470.4	0.680 07	3748.5	8.6736	<b>620</b>	1372.3	0.728 71	3748.3	8.6416	<b>620</b>	1176.0	0.850 34	3747.9	8.5701
1503.5	0.665 11	3793.0	8.7229	<b>640</b>	1403.2	0.712 67	3792.9	8.6909	<b>640</b>	1202.5	0.831 61	3792.5	8.6195
1536.6	0.650 79	3837.8	8.7714	<b>660</b>	1434.1	0.697 32	3837.7	8.7395	<b>660</b>	1229.0	0.813 69	3837.4	8.6681
1569.7	0.637 08	3882.9	8.8193	<b>680</b>	1464.9	0.682 63	3882.8	8.7873	<b>680</b>	1255.5	0.796 53	3882.5	8.7159
1602.7	0.623 94	3928.3	8.8664	<b>700</b>	1495.8	0.668 54	3928.2	8.8344	<b>700</b>	1281.9	0.780 08	3927.9	8.7631
1635.8	0.611 33	3974.0	8.9128	<b>720</b>	1526.6	0.655 03	3973.9	8.8809	<b>720</b>	1308.4	0.764 30	3973.6	8.8095
1668.8	0.599 22	4019.9	8.9586	<b>740</b>	1557.5	0.642 05	4019.8	8.9267	<b>740</b>	1334.8	0.749 15	4019.5	8.8553
1701.9	0.587 59	4066.1	9.0038	<b>760</b>	1588.4	0.629 58	4066.0	8.9719	<b>760</b>	1361.3	0.734 59	4065.8	8.9005
1734.9	0.576 40	4112.6	9.0484	<b>780</b>	1619.2	0.617 59	4112.5	9.0164	<b>780</b>	1387.7	0.720 59	4112.3	8.9451
1768.0	0.565 63	4159.4	9.0923	<b>800</b>	1650.0	0.606 05	4159.3	9.0604	<b>800</b>	1414.2	0.707 12	4159.1	8.9891
1801.0	0.555 25	4206.4	9.1358	<b>820</b>	1680.9	0.594 93	4206.3	9.1039	<b>820</b>	1440.6	0.694 14	4206.1	9.0326
1834.0	0.545 25	4253.8	9.1787	<b>840</b>	1711.7	0.584 22	4253.7	9.1468	<b>840</b>	1467.1	0.681 64	4253.5	9.0755
1867.0	0.535 61	4301.3	9.2211	<b>860</b>	1742.5	0.573 88	4301.3	9.1892	<b>860</b>	1493.5	0.669 57	4301.1	9.1179
1900.1	0.526 30	4349.2	9.2629	<b>880</b>	1773.3	0.563 91	4349.1	9.2310	<b>880</b>	1519.9	0.657 93	4349.0	9.1598
1933.1	0.517 31	4397.4	9.3043	<b>900</b>	1804.2	0.554 27	4397.3	9.2724	<b>900</b>	1546.3	0.646 69	4397.1	9.2012
1966.1	0.508 62	4445.8	9.3452	<b>920</b>	1835.0	0.544 96	4445.7	9.3133	<b>920</b>	1572.8	0.635 82	4445.5	9.2421
1999.1	0.500 22	4494.4	9.3857	<b>940</b>	1865.8	0.535 96	4494.4	9.3538	<b>940</b>	1599.2	0.625 32	4494.2	9.2825
2032.1	0.492 10	4543.4	9.4257	<b>960</b>	1896.6	0.527 26	4543.3	9.3938	<b>960</b>	1625.6	0.615 16	4543.2	9.3226
2065.1	0.484 23	4592.6	9.4653	<b>980</b>	1927.4	0.518 83	4592.5	9.4334	<b>980</b>	1652.0	0.605 32	4592.4	9.3621
2098.1	0.476 61	4642.0	9.5044	<b>1000</b>	1958.2	0.510 66	4642.0	9.4726	<b>1000</b>	1678.4	0.595 79	4641.8	9.4013
2263.1	0.441 86	4893.1	9.6943	<b>1100</b>	2112.2	0.473 43	4893.1	9.6624	<b>1100</b>	1810.5	0.552 34	4893.0	9.5912
2428.1	0.411 84	5150.2	9.8750	<b>1200</b>	2266.2	0.441 26	5150.2	9.8431	<b>1200</b>	1942.5	0.514 81	5150.1	9.7719
2593.0	0.385 65	5413.0	10.048	<b>1300</b>	2420.2	0.413 19	5412.9	10.016	<b>1300</b>	2074.5	0.482 06	5412.9	9.9445
2758.0	0.362 59	5680.9	10.213	<b>1400</b>	2574.1	0.388 48	5680.9	10.181	<b>1400</b>	2206.4	0.453 23	5680.8	10.110
2922.9	0.342 13	5953.7	10.371	<b>1500</b>	2728.0	0.366 56	5953.7	10.339	<b>1500</b>	2338.3	0.427 65	5953.6	10.268
3087.8	0.323 86	6230.9	10.523	<b>1600</b>	2881.9	0.346 99	6230.9	10.491	<b>1600</b>	2470.3	0.404 81	6230.8	10.420
3417.5	0.292 61	6797.1	10.810	<b>1800</b>	3189.7	0.313 51	6797.1	10.778	<b>1800</b>	2734.1	0.365 75	6797.0	10.707
3747.2	0.266 86	7376.9	11.077	<b>2000</b>	3497.5	0.285 92	7376.9	11.045	<b>2000</b>	2997.9	0.333 57	7376.9	10.974



**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.40 MPa (<math>t_s = 143.608\text{ }^\circ\text{C}</math>)</b>					<b>0.45 MPa (<math>t_s = 147.903\text{ }^\circ\text{C}</math>)</b>					<b>0.50 MPa (<math>t_s = 151.831\text{ }^\circ\text{C}</math>)</b>				
$v$	$\rho$	$h$	$s$	$t_s, ^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t_s, ^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t_s, ^\circ\text{C}$
1.083 55	922.89	604.65	1.7765	$t_s(L)$	1.088 19	918.96	623.14	1.8205	$t_s(L)$	1.092 55	915.29	640.09	1.8604	
462.38	2.1627	2738.1	6.8955	$t_s(V)$	413.90	2.4161	2743.4	6.8560	$t_s(V)$	374.81	2.6680	2748.1	6.8207	
1.000 01	999.99	0.37	-0.000 13	<b>0</b>	0.999 98	1000.02	0.42	-0.000 12	<b>0</b>	0.999 95	1000.05	0.47	-0.000 12	
0.999 89	1000.11	21.42	0.076 25	<b>5</b>	0.999 86	1000.14	21.47	0.076 25	<b>5</b>	0.999 84	1000.16	21.52	0.076 25	
1.000 15	999.85	42.41	0.151 05	<b>10</b>	1.000 13	999.87	42.46	0.151 05	<b>10</b>	1.000 11	999.89	42.51	0.151 04	
1.000 76	999.24	63.36	0.224 40	<b>15</b>	1.000 74	999.27	63.41	0.224 40	<b>15</b>	1.000 71	999.29	63.46	0.224 39	
1.001 66	998.34	84.29	0.296 40	<b>20</b>	1.001 64	998.37	84.34	0.296 39	<b>20</b>	1.001 61	998.39	84.38	0.296 38	
1.002 83	997.18	105.20	0.367 12	<b>25</b>	1.002 80	997.20	105.24	0.367 11	<b>25</b>	1.002 78	997.23	105.29	0.367 10	
1.004 24	995.78	126.09	0.436 63	<b>30</b>	1.004 21	995.80	126.14	0.436 62	<b>30</b>	1.004 19	995.83	126.19	0.436 60	
1.005 87	994.17	146.99	0.504 99	<b>35</b>	1.005 85	994.19	147.03	0.504 98	<b>35</b>	1.005 82	994.21	147.08	0.504 96	
1.007 71	992.35	167.88	0.572 25	<b>40</b>	1.007 69	992.37	167.93	0.572 23	<b>40</b>	1.007 67	992.39	167.97	0.572 21	
1.009 75	990.34	188.78	0.638 45	<b>45</b>	1.009 73	990.37	188.82	0.638 43	<b>45</b>	1.009 71	990.39	188.86	0.638 40	
1.011 98	988.17	209.68	0.703 63	<b>50</b>	1.011 95	988.19	209.72	0.703 61	<b>50</b>	1.011 93	988.21	209.76	0.703 58	
1.014 38	985.82	230.58	0.767 83	<b>55</b>	1.014 36	985.85	230.63	0.767 81	<b>55</b>	1.014 34	985.87	230.67	0.767 78	
1.016 96	983.33	251.50	0.831 09	<b>60</b>	1.016 93	983.35	251.54	0.831 06	<b>60</b>	1.016 91	983.37	251.58	0.831 04	
1.019 70	980.68	272.43	0.893 44	<b>65</b>	1.019 68	980.70	272.47	0.893 41	<b>65</b>	1.019 65	980.73	272.51	0.893 38	
1.022 60	977.90	293.37	0.954 91	<b>70</b>	1.022 58	977.92	293.41	0.954 88	<b>70</b>	1.022 56	977.94	293.45	0.954 85	
1.025 67	974.98	314.32	1.0155	<b>75</b>	1.025 64	975.00	314.36	1.0155	<b>75</b>	1.025 62	975.02	314.40	1.0155	
1.028 89	971.92	335.29	1.0753	<b>80</b>	1.028 86	971.95	335.33	1.0753	<b>80</b>	1.028 84	971.97	335.37	1.0753	
1.032 26	968.75	356.28	1.1344	<b>85</b>	1.032 24	968.77	356.32	1.1343	<b>85</b>	1.032 21	968.79	356.36	1.1343	
1.035 79	965.45	377.29	1.1926	<b>90</b>	1.035 77	965.47	377.33	1.1926	<b>90</b>	1.035 74	965.49	377.37	1.1926	
1.039 47	962.03	398.33	1.2502	<b>95</b>	1.039 45	962.05	398.37	1.2501	<b>95</b>	1.039 42	962.07	398.41	1.2501	
1.043 31	958.49	419.39	1.3070	<b>100</b>	1.043 28	958.51	419.43	1.3069	<b>100</b>	1.043 26	958.54	419.47	1.3069	
1.047 30	954.84	440.48	1.3631	<b>105</b>	1.047 27	954.86	440.52	1.3631	<b>105</b>	1.047 25	954.88	440.55	1.3630	
1.051 44	951.07	461.60	1.4186	<b>110</b>	1.051 42	951.10	461.64	1.4186	<b>110</b>	1.051 39	951.12	461.67	1.4185	
1.055 75	947.20	482.76	1.4735	<b>115</b>	1.055 72	947.22	482.79	1.4734	<b>115</b>	1.055 69	947.24	482.83	1.4734	
1.060 21	943.21	503.95	1.5277	<b>120</b>	1.060 18	943.23	503.99	1.5277	<b>120</b>	1.060 16	943.26	504.02	1.5276	
1.064 84	939.11	525.19	1.5814	<b>125</b>	1.064 81	939.13	525.22	1.5814	<b>125</b>	1.064 78	939.16	525.26	1.5813	
1.069 63	934.90	546.47	1.6345	<b>130</b>	1.069 60	934.93	546.51	1.6345	<b>130</b>	1.069 57	934.95	546.54	1.6344	
1.074 59	930.58	567.80	1.6871	<b>135</b>	1.074 56	930.61	567.84	1.6871	<b>135</b>	1.074 53	930.64	567.87	1.6870	
1.079 73	926.16	589.19	1.7392	<b>140</b>	1.079 70	926.18	589.22	1.7391	<b>140</b>	1.079 67	926.21	589.25	1.7391	
464.25	2.1540	2741.3	6.9033	<b>145</b>	1.085 02	921.64	610.66	1.7907	<b>145</b>	1.084 99	921.67	610.69	1.7907	
470.88	2.1237	2752.8	6.9306	<b>150</b>	416.42	2.4014	2748.3	6.8678	<b>150</b>	1.090 49	917.02	632.19	1.8418	
477.44	2.0945	2764.1	6.9571	<b>155</b>	422.37	2.3676	2759.9	6.8950	<b>155</b>	378.27	2.6436	2755.7	6.8384	
483.93	2.0664	2775.2	6.9829	<b>160</b>	428.25	2.3351	2771.3	6.9215	<b>160</b>	383.66	2.6064	2767.4	6.8656	
490.37	2.0393	2786.2	7.0081	<b>165</b>	434.06	2.3038	2782.6	6.9473	<b>165</b>	388.99	2.5708	2778.9	6.8919	
496.76	2.0131	2797.1	7.0329	<b>170</b>	439.83	2.2736	2793.7	6.9725	<b>170</b>	394.26	2.5364	2790.2	6.9176	
503.10	1.9877	2807.9	7.0571	<b>175</b>	445.55	2.2444	2804.7	6.9971	<b>175</b>	399.48	2.5033	2801.4	6.9427	
509.41	1.9631	2818.6	7.0809	<b>180</b>	451.23	2.2162	2815.5	7.0213	<b>180</b>	404.66	2.4712	2812.4	6.9673	
515.69	1.9392	2829.3	7.1043	<b>185</b>	456.87	2.1888	2826.4	7.0450	<b>185</b>	409.80	2.4402	2823.4	6.9913	
521.93	1.9160	2839.9	7.1273	<b>190</b>	462.48	2.1623	2837.1	7.0683	<b>190</b>	414.91	2.4102	2834.3	7.0150	
528.14	1.8934	2850.4	7.1500	<b>195</b>	468.06	2.1365	2847.8	7.0913	<b>195</b>	419.98	2.3811	2845.1	7.0382	
534.33	1.8715	2860.9	7.1723	<b>200</b>	473.62	2.1114	2858.4	7.1138	<b>200</b>	425.03	2.3528	2855.8	7.0610	
546.65	1.8293	2881.8	7.2160	<b>210</b>	484.66	2.0633	2879.5	7.1580	<b>210</b>	435.06	2.2986	2877.2	7.1056	
558.88	1.7893	2902.6	7.2586	<b>220</b>	495.61	2.0177	2900.5	7.2009	<b>220</b>	445.00	2.2472	2898.3	7.1489	
571.04	1.7512	2923.3	7.3001	<b>230</b>	506.50	1.9743	2921.3	7.2428	<b>230</b>	454.87	2.1984	2919.3	7.1911	
583.14	1.7148	2943.9	7.3407	<b>240</b>	517.33	1.9330	2942.1	7.2836	<b>240</b>	464.67	2.1520	2940.2	7.2322	
595.20	1.6801	2964.5	7.3804	<b>250</b>	528.11	1.8936	2962.8	7.3235	<b>250</b>	474.43	2.1078	2961.0	7.2724	
607.20	1.6469	2985.0	7.4193	<b>260</b>	538.84	1.8559	2983.4	7.3626	<b>260</b>	484.14	2.0655	2981.8	7.3117	
619.17	1.6151	3005.5	7.4574	<b>270</b>	549.53	1.8197	3004.0	7.4010	<b>270</b>	493.80	2.0251	3002.5	7.3502	
631.11	1.5845	3026.0	7.4948	<b>280</b>	560.18	1.7851	3024.6	7.4385	<b>280</b>	503.44	1.9863	3023.2	7.3880	
643.01	1.5552	3046.6	7.5316	<b>290</b>	570.81	1.7519	3045.2	7.4754	<b>290</b>	513.04	1.9492	3043.9	7.4250	

**Table 3. Compressed Water and Superheated Steam (continued)**

0.40 MPa ( $t_s = 143.608\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.45 MPa ( $t_s = 147.903\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	0.50 MPa ( $t_s = 151.831\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
654.89	1.5270	3067.1	7.5677	<b>300</b>	581.40	1.7200	3065.8	7.5117	<b>300</b>	522.61	1.9135	3064.6	7.4614
666.74	1.4998	3087.6	7.6032	<b>310</b>	591.98	1.6893	3086.4	7.5473	<b>310</b>	532.16	1.8791	3085.2	7.4972
678.58	1.4737	3108.2	7.6382	<b>320</b>	602.53	1.6597	3107.0	7.5824	<b>320</b>	541.69	1.8461	3105.9	7.5323
690.39	1.4485	3128.8	7.6726	<b>330</b>	613.06	1.6312	3127.7	7.6169	<b>330</b>	551.19	1.8143	3126.6	7.5669
702.18	1.4241	3149.4	7.7065	<b>340</b>	623.57	1.6037	3148.4	7.6509	<b>340</b>	560.68	1.7836	3147.3	7.6010
713.96	1.4006	3170.0	7.7399	<b>350</b>	634.07	1.5771	3169.1	7.6844	<b>350</b>	570.15	1.7539	3168.1	7.6346
725.72	1.3779	3190.7	7.7728	<b>360</b>	644.55	1.5515	3189.8	7.7174	<b>360</b>	579.61	1.7253	3188.9	7.6677
737.47	1.3560	3211.5	7.8053	<b>370</b>	655.01	1.5267	3210.6	7.7499	<b>370</b>	589.05	1.6977	3209.7	7.7003
749.21	1.3347	3232.2	7.8374	<b>380</b>	665.47	1.5027	3231.4	7.7820	<b>380</b>	598.48	1.6709	3230.5	7.7325
760.93	1.3142	3253.0	7.8690	<b>390</b>	675.91	1.4795	3252.2	7.8137	<b>390</b>	607.90	1.6450	3251.4	7.7642
772.64	1.2943	3273.9	7.9002	<b>400</b>	686.34	1.4570	3273.1	7.8450	<b>400</b>	617.30	1.6199	3272.3	7.7955
784.35	1.2749	3294.8	7.9311	<b>410</b>	696.77	1.4352	3294.1	7.8759	<b>410</b>	626.70	1.5957	3293.3	7.8265
796.05	1.2562	3315.8	7.9615	<b>420</b>	707.18	1.4141	3315.1	7.9064	<b>420</b>	636.09	1.5721	3314.4	7.8570
807.73	1.2380	3336.8	7.9917	<b>430</b>	717.59	1.3936	3336.1	7.9366	<b>430</b>	645.47	1.5493	3335.4	7.8872
819.41	1.2204	3357.9	8.0214	<b>440</b>	727.99	1.3737	3357.2	7.9664	<b>440</b>	654.84	1.5271	3356.6	7.9170
831.09	1.2032	3379.0	8.0508	<b>450</b>	738.38	1.3543	3378.4	7.9958	<b>450</b>	664.21	1.5056	3377.7	7.9465
842.75	1.1866	3400.2	8.0799	<b>460</b>	748.76	1.3355	3399.6	8.0250	<b>460</b>	673.57	1.4846	3399.0	7.9757
854.41	1.1704	3421.4	8.1087	<b>470</b>	759.14	1.3173	3420.9	8.0538	<b>470</b>	682.92	1.4643	3420.3	8.0045
866.07	1.1546	3442.8	8.1372	<b>480</b>	769.51	1.2995	3442.2	8.0823	<b>480</b>	692.27	1.4445	3441.6	8.0331
877.71	1.1393	3464.1	8.1654	<b>490</b>	779.88	1.2823	3463.6	8.1105	<b>490</b>	701.61	1.4253	3463.0	8.0613
889.36	1.1244	3485.5	8.1933	<b>500</b>	790.24	1.2654	3485.0	8.1384	<b>500</b>	710.94	1.4066	3484.5	8.0892
912.63	1.0957	3528.6	8.2482	<b>520</b>	810.95	1.2331	3528.1	8.1934	<b>520</b>	729.60	1.3706	3527.6	8.1443
935.89	1.0685	3571.9	8.3021	<b>540</b>	831.64	1.2024	3571.4	8.2473	<b>540</b>	748.24	1.3365	3570.9	8.1983
959.13	1.0426	3615.4	8.3550	<b>560</b>	852.32	1.1733	3614.9	8.3002	<b>560</b>	766.87	1.3040	3614.5	8.2512
982.36	1.0180	3659.2	8.4069	<b>580</b>	872.98	1.1455	3658.8	8.3522	<b>580</b>	785.48	1.2731	3658.4	8.3032
1005.6	0.9944	3703.2	8.4580	<b>600</b>	893.64	1.1190	3702.9	8.4033	<b>600</b>	804.09	1.2436	3702.5	8.3543
1028.8	0.9720	3747.6	8.5082	<b>620</b>	914.28	1.0938	3747.2	8.4535	<b>620</b>	822.68	1.2155	3746.8	8.4046
1052.0	0.9505	3792.2	8.5576	<b>640</b>	934.91	1.0696	3791.8	8.5029	<b>640</b>	841.26	1.1887	3791.5	8.4540
1075.2	0.9300	3837.0	8.6062	<b>660</b>	955.54	1.0465	3836.7	8.5515	<b>660</b>	859.83	1.1630	3836.4	8.5027
1098.3	0.9104	3882.2	8.6540	<b>680</b>	976.15	1.0244	3881.9	8.5994	<b>680</b>	878.40	1.1384	3881.6	8.5506
1121.5	0.8916	3927.6	8.7012	<b>700</b>	996.76	1.0032	3927.3	8.6466	<b>700</b>	896.96	1.1149	3927.0	8.5977
1144.7	0.8736	3973.3	8.7477	<b>720</b>	1017.4	0.9829	3973.0	8.6931	<b>720</b>	915.51	1.0923	3972.7	8.6443
1167.8	0.8562	4019.3	8.7935	<b>740</b>	1038.0	0.9633	4019.0	8.7389	<b>740</b>	934.05	1.0706	4018.7	8.6901
1191.0	0.8396	4065.5	8.8387	<b>760</b>	1058.6	0.9446	4065.3	8.7842	<b>760</b>	952.59	1.0498	4065.0	8.7353
1214.2	0.8236	4112.0	8.8833	<b>780</b>	1079.1	0.9266	4111.8	8.8288	<b>780</b>	971.13	1.0297	4111.6	8.7800
1237.3	0.8082	4158.8	8.9273	<b>800</b>	1099.7	0.9093	4158.6	8.8728	<b>800</b>	989.66	1.0104	4158.4	8.8240
1260.4	0.7937	4205.9	8.9708	<b>820</b>	1120.3	0.8926	4205.7	8.9163	<b>820</b>	1008.2	0.9918	4205.5	8.8675
1283.6	0.7797	4253.3	9.0137	<b>840</b>	1140.9	0.8765	4253.0	8.9592	<b>840</b>	1026.7	0.9739	4252.8	8.9104
1306.7	0.7658	4300.9	9.0561	<b>860</b>	1161.4	0.8610	4300.7	9.0016	<b>860</b>	1045.2	0.9567	4300.5	8.9528
1329.8	0.7519	4348.8	9.0980	<b>880</b>	1182.0	0.8460	4348.6	9.0435	<b>880</b>	1063.7	0.9407	4348.4	8.9947
1353.0	0.7391	4396.9	9.1394	<b>900</b>	1202.6	0.8315	4396.7	9.0849	<b>900</b>	1082.3	0.9239	4396.6	9.0362
1376.1	0.7269	4445.3	9.1803	<b>920</b>	1223.1	0.8175	4445.2	9.1258	<b>920</b>	1100.8	0.9085	4445.0	9.0771
1399.2	0.7146	4494.0	9.2208	<b>940</b>	1243.7	0.8040	4493.9	9.1663	<b>940</b>	1119.3	0.8933	4493.7	9.1176
1422.3	0.7030	4543.0	9.2608	<b>960</b>	1264.3	0.7909	4542.8	9.2064	<b>960</b>	1137.8	0.8789	4542.7	9.1576
1445.5	0.6918	4592.2	9.3004	<b>980</b>	1284.8	0.7783	4592.1	9.2460	<b>980</b>	1156.3	0.8648	4591.9	9.1972
1468.6	0.6809	4641.7	9.3396	<b>1000</b>	1305.4	0.7660	4641.5	9.2851	<b>1000</b>	1174.8	0.8512	4641.4	9.2364
1584.1	0.6312	4892.8	9.5295	<b>1100</b>	1408.1	0.7108	4892.7	9.4750	<b>1100</b>	1267.3	0.7891	4892.6	9.4263
1699.7	0.5883	5150.0	9.7102	<b>1200</b>	1510.8	0.6619	5149.9	9.6558	<b>1200</b>	1359.7	0.7354	5149.8	9.6071
1815.2	0.5509	5412.8	9.8828	<b>1300</b>	1613.5	0.6197	5412.7	9.8284	<b>1300</b>	1452.1	0.6886	5412.6	9.7797
1930.6	0.5179	5680.8	10.048	<b>1400</b>	1716.1	0.5827	5680.7	9.9935	<b>1400</b>	1544.5	0.6474	5680.6	9.9448
2046.1	0.4887	5953.6	10.206	<b>1500</b>	1818.8	0.5498	5953.5	10.152	<b>1500</b>	1636.9	0.6109	5953.5	10.103
2161.5	0.4626	6230.8	10.358	<b>1600</b>	1921.4	0.5204	6230.7	10.304	<b>1600</b>	1729.3	0.5782	6230.7	10.255
2392.4	0.4179	6797.0	10.645	<b>1800</b>	2126.6	0.4702	6797.0	10.591	<b>1800</b>	1914.0	0.5224	6797.0	10.542
2623.2	0.3812	7376.9	10.912	<b>2000</b>	2331.8	0.4288	7376.9	10.858	<b>2000</b>	2098.7	0.4764	7376.9	10.809

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.55 MPa (<math>t_s = 155.456\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.60 MPa (<math>t_s = 158.826\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.65 MPa (<math>t_s = 161.980\text{ }^\circ\text{C}</math>)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.096 68	911.85	655.76	1.8970	$t_s(\text{L})$	1.100 60	908.59	670.38	1.9308	$t_s(\text{L})$	1.104 36	905.51	684.08	1.9623
342.60	2.9189	2752.3	6.7886	$t_s(\text{V})$	315.58	3.1687	2756.1	6.7592	$t_s(\text{V})$	292.59	3.4177	2759.6	6.7322
0.999 93	1000.07	0.52	-0.000 12	<b>0</b>	0.999 90	1000.10	0.57	-0.000 11	<b>0</b>	0.999 88	1000.12	0.62	-0.000 11
0.999 81	1000.19	21.57	0.076 24	<b>5</b>	0.999 79	1000.21	21.62	0.076 24	<b>5</b>	0.999 76	1000.24	21.67	0.076 24
1.000 08	999.92	42.56	0.151 04	<b>10</b>	1.000 06	999.94	42.61	0.151 03	<b>10</b>	1.000 04	999.96	42.65	0.151 03
1.000 69	999.31	63.51	0.224 38	<b>15</b>	1.000 67	999.34	63.55	0.224 37	<b>15</b>	1.000 64	999.36	63.60	0.224 37
1.001 59	998.41	84.43	0.296 37	<b>20</b>	1.001 57	998.44	84.48	0.296 36	<b>20</b>	1.001 54	998.46	84.52	0.296 35
1.002 76	997.25	105.34	0.367 08	<b>25</b>	1.002 73	997.27	105.38	0.367 07	<b>25</b>	1.002 71	997.30	105.43	0.367 06
1.004 17	995.85	126.23	0.436 59	<b>30</b>	1.004 15	995.87	126.28	0.436 57	<b>30</b>	1.004 12	995.89	126.32	0.436 56
1.005 80	994.23	147.12	0.504 94	<b>35</b>	1.005 78	994.25	147.17	0.504 92	<b>35</b>	1.005 76	994.28	147.21	0.504 91
1.007 64	992.41	168.01	0.572 19	<b>40</b>	1.007 62	992.44	168.06	0.572 17	<b>40</b>	1.007 60	992.46	168.10	0.572 15
1.009 68	990.41	188.91	0.638 38	<b>45</b>	1.009 66	990.43	188.95	0.638 36	<b>45</b>	1.009 64	990.45	188.99	0.638 34
1.011 91	988.23	209.81	0.703 56	<b>50</b>	1.011 89	988.25	209.85	0.703 54	<b>50</b>	1.011 86	988.27	209.89	0.703 51
1.014 31	985.89	230.71	0.767 76	<b>55</b>	1.014 29	985.91	230.75	0.767 73	<b>55</b>	1.014 27	985.93	230.80	0.767 71
1.016 89	983.39	251.63	0.831 01	<b>60</b>	1.016 87	983.41	251.67	0.830 98	<b>60</b>	1.016 84	983.44	251.71	0.830 96
1.019 63	980.75	272.55	0.893 36	<b>65</b>	1.019 61	980.77	272.59	0.893 33	<b>65</b>	1.019 58	980.79	272.63	0.893 30
1.022 53	977.96	293.49	0.954 82	<b>70</b>	1.022 51	977.98	293.53	0.954 79	<b>70</b>	1.022 49	978.01	293.57	0.954 76
1.025 60	975.04	314.44	1.0154	<b>75</b>	1.025 57	975.06	314.48	1.0154	<b>75</b>	1.025 55	975.09	314.52	1.0154
1.028 82	971.99	335.41	1.0752	<b>80</b>	1.028 79	972.01	335.45	1.0752	<b>80</b>	1.028 77	972.04	335.49	1.0752
1.032 19	968.81	356.40	1.1343	<b>85</b>	1.032 17	968.84	356.44	1.1342	<b>85</b>	1.032 14	968.86	356.48	1.1342
1.035 72	965.51	377.41	1.1925	<b>90</b>	1.035 69	965.54	377.45	1.1925	<b>90</b>	1.035 67	965.56	377.49	1.1924
1.039 40	962.10	398.44	1.2500	<b>95</b>	1.039 37	962.12	398.48	1.2500	<b>95</b>	1.039 35	962.14	398.52	1.2500
1.043 23	958.56	419.50	1.3069	<b>100</b>	1.043 21	958.58	419.54	1.3068	<b>100</b>	1.043 18	958.61	419.58	1.3068
1.047 22	954.91	440.59	1.3630	<b>105</b>	1.047 19	954.93	440.63	1.3630	<b>105</b>	1.047 17	954.96	440.67	1.3629
1.051 36	951.14	461.71	1.4185	<b>110</b>	1.051 34	951.17	461.75	1.4184	<b>110</b>	1.051 31	951.19	461.78	1.4184
1.055 67	947.27	482.87	1.4733	<b>115</b>	1.055 64	947.29	482.90	1.4733	<b>115</b>	1.055 61	947.32	482.94	1.4733
1.060 13	943.28	504.06	1.5276	<b>120</b>	1.060 10	943.31	504.09	1.5275	<b>120</b>	1.060 07	943.33	504.13	1.5275
1.064 75	939.19	525.29	1.5813	<b>125</b>	1.064 72	939.21	525.33	1.5812	<b>125</b>	1.064 69	939.24	525.36	1.5812
1.069 54	934.98	546.57	1.6344	<b>130</b>	1.069 51	935.01	546.61	1.6343	<b>130</b>	1.069 48	935.03	546.64	1.6343
1.074 50	930.66	567.90	1.6870	<b>135</b>	1.074 47	930.69	567.93	1.6869	<b>135</b>	1.074 44	930.72	567.97	1.6869
1.079 64	926.24	589.28	1.7390	<b>140</b>	1.079 61	926.26	589.32	1.7390	<b>140</b>	1.079 57	926.29	589.35	1.7389
1.084 95	921.70	610.72	1.7906	<b>145</b>	1.084 92	921.73	610.76	1.7905	<b>145</b>	1.084 89	921.75	610.79	1.7905
1.090 45	917.05	632.22	1.8417	<b>150</b>	1.090 42	917.08	632.26	1.8417	<b>150</b>	1.090 39	917.11	632.29	1.8416
1.096 15	912.29	653.79	1.8924	<b>155</b>	1.096 11	912.32	653.82	1.8923	<b>155</b>	1.096 08	912.35	653.85	1.8923
347.15	2.8806	2763.3	6.8140	<b>160</b>	316.68	3.1578	2759.0	6.7659	<b>160</b>	1.101 97	907.47	675.49	1.9425
352.08	2.8403	2775.1	6.8410	<b>165</b>	321.29	3.1124	2771.1	6.7937	<b>165</b>	295.21	3.3874	2767.1	6.7494
356.95	2.8015	2786.6	6.8673	<b>170</b>	325.83	3.0690	2783.0	6.8206	<b>170</b>	299.48	3.3391	2779.2	6.7769
361.77	2.7642	2798.0	6.8928	<b>175</b>	330.32	3.0274	2794.6	6.8466	<b>175</b>	303.69	3.2929	2791.1	6.8035
366.54	2.7282	2809.3	6.9178	<b>180</b>	334.75	2.9873	2806.0	6.8720	<b>180</b>	307.84	3.2484	2802.7	6.8293
371.27	2.6935	2820.4	6.9422	<b>185</b>	339.15	2.9486	2817.3	6.8968	<b>185</b>	311.95	3.2056	2814.2	6.8546
375.97	2.6598	2831.4	6.9662	<b>190</b>	343.50	2.9112	2828.5	6.9211	<b>190</b>	316.02	3.1643	2825.6	6.8792
380.63	2.6272	2842.4	6.9897	<b>195</b>	347.83	2.8750	2839.6	6.9449	<b>195</b>	320.06	3.1244	2836.8	6.9033
385.27	2.5956	2853.2	7.0128	<b>200</b>	352.12	2.8399	2850.6	6.9683	<b>200</b>	324.06	3.0858	2848.0	6.9270
394.47	2.5351	2874.8	7.0579	<b>210</b>	360.63	2.7729	2872.4	7.0139	<b>210</b>	331.99	3.0121	2870.0	6.9731
403.58	2.4778	2896.1	7.1016	<b>220</b>	369.05	2.7097	2893.9	7.0580	<b>220</b>	339.83	2.9426	2891.7	7.0176
412.61	2.4236	2917.3	7.1441	<b>230</b>	377.40	2.6497	2915.3	7.1008	<b>230</b>	347.59	2.8769	2913.2	7.0608
421.59	2.3720	2938.3	7.1855	<b>240</b>	385.68	2.5929	2936.5	7.1426	<b>240</b>	355.28	2.8146	2934.6	7.1028
430.51	2.3228	2959.3	7.2259	<b>250</b>	393.90	2.5387	2957.6	7.1832	<b>250</b>	362.92	2.7554	2955.8	7.1437
439.38	2.2759	2980.2	7.2655	<b>260</b>	402.08	2.4871	2978.5	7.2230	<b>260</b>	370.51	2.6990	2976.9	7.1837
448.21	2.2311	3001.0	7.3041	<b>270</b>	410.21	2.4378	2999.5	7.2619	<b>270</b>	378.06	2.6451	2997.9	7.2228
457.01	2.1882	3021.8	7.3421	<b>280</b>	418.31	2.3906	3020.3	7.3000	<b>280</b>	385.57	2.5936	3018.9	7.2611
465.77	2.1470	3042.5	7.3793	<b>290</b>	426.38	2.3453	3041.2	7.3373	<b>290</b>	393.05	2.5442	3039.8	7.2986

**Table 3. Compressed Water and Superheated Steam (continued)**

0.55 MPa ( $t_s = 155.456\text{ }^\circ\text{C}$ )					0.60 MPa ( $t_s = 158.826\text{ }^\circ\text{C}$ )					0.65 MPa ( $t_s = 161.980\text{ }^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$
474.51	2.1075	3063.3	7.4158	<b>300</b>	434.42	2.3019	3062.0	7.3740	<b>300</b>	400.49	2.4969	3060.7	7.3353	
483.22	2.0695	3084.0	7.4517	<b>310</b>	442.43	2.2602	3082.8	7.4100	<b>310</b>	407.92	2.4515	3081.6	7.3715	
491.91	2.0329	3104.8	7.4869	<b>320</b>	450.42	2.2201	3103.6	7.4453	<b>320</b>	415.32	2.4078	3102.5	7.4070	
500.57	1.9977	3125.5	7.5216	<b>330</b>	458.39	2.1815	3124.4	7.4801	<b>330</b>	422.70	2.3658	3123.4	7.4419	
509.22	1.9638	3146.3	7.5558	<b>340</b>	466.34	2.1444	3145.3	7.5144	<b>340</b>	430.06	2.3253	3144.2	7.4762	
517.86	1.9310	3167.1	7.5894	<b>350</b>	474.27	2.1085	3166.1	7.5481	<b>350</b>	437.40	2.2862	3165.1	7.5100	
526.47	1.8994	3187.9	7.6226	<b>360</b>	482.19	2.0739	3187.0	7.5813	<b>360</b>	444.73	2.2486	3186.1	7.5433	
535.08	1.8689	3208.8	7.6553	<b>370</b>	490.10	2.0404	3207.9	7.6141	<b>370</b>	452.04	2.2122	3207.0	7.5761	
543.67	1.8394	3229.7	7.6875	<b>380</b>	497.99	2.0081	3228.8	7.6464	<b>380</b>	459.34	2.1770	3228.0	7.6085	
552.25	1.8108	3250.6	7.7193	<b>390</b>	505.87	1.9768	3249.8	7.6782	<b>390</b>	466.63	2.1430	3249.0	7.6404	
560.82	1.7831	3271.6	7.7507	<b>400</b>	513.74	1.9465	3270.8	7.7097	<b>400</b>	473.91	2.1101	3270.0	7.6719	
569.37	1.7563	3292.6	7.7817	<b>410</b>	521.60	1.9172	3291.8	7.7407	<b>410</b>	481.18	2.0782	3291.1	7.7029	
577.92	1.7303	3313.6	7.8123	<b>420</b>	529.45	1.8887	3312.9	7.7713	<b>420</b>	488.44	2.0473	3312.2	7.7336	
586.47	1.7051	3334.7	7.8425	<b>430</b>	537.29	1.8612	3334.0	7.8016	<b>430</b>	495.69	2.0174	3333.4	7.7639	
595.00	1.6807	3355.9	7.8724	<b>440</b>	545.13	1.8344	3355.2	7.8315	<b>440</b>	502.93	1.9883	3354.6	7.7939	
603.53	1.6569	3377.1	7.9019	<b>450</b>	552.96	1.8085	3376.5	7.8611	<b>450</b>	510.17	1.9601	3375.8	7.8235	
612.05	1.6339	3398.4	7.9311	<b>460</b>	560.78	1.7832	3397.7	7.8903	<b>460</b>	517.40	1.9328	3397.1	7.8527	
620.56	1.6114	3419.7	7.9600	<b>470</b>	568.59	1.7587	3419.1	7.9192	<b>470</b>	524.62	1.9061	3418.5	7.8817	
629.07	1.5897	3441.0	7.9885	<b>480</b>	576.40	1.7349	3440.5	7.9478	<b>480</b>	531.84	1.8803	3439.9	7.9103	
637.57	1.5685	3462.5	8.0168	<b>490</b>	584.20	1.7117	3461.9	7.9761	<b>490</b>	539.05	1.8551	3461.3	7.9386	
646.07	1.5478	3483.9	8.0447	<b>500</b>	592.00	1.6892	3483.4	8.0041	<b>500</b>	546.25	1.8306	3482.9	7.9666	
663.05	1.5082	3527.1	8.0998	<b>520</b>	607.58	1.6459	3526.6	8.0592	<b>520</b>	560.65	1.7836	3526.1	8.0218	
680.01	1.4706	3570.4	8.1538	<b>540</b>	623.15	1.6048	3570.0	8.1132	<b>540</b>	575.03	1.7390	3569.5	8.0759	
696.96	1.4348	3614.1	8.2068	<b>560</b>	638.70	1.5657	3613.6	8.1663	<b>560</b>	589.40	1.6966	3613.2	8.1289	
713.89	1.4008	3657.9	8.2589	<b>580</b>	654.24	1.5285	3657.5	8.2183	<b>580</b>	603.76	1.6563	3657.1	8.1810	
730.82	1.3683	3702.1	8.3100	<b>600</b>	669.76	1.4931	3701.7	8.2695	<b>600</b>	618.10	1.6179	3701.3	8.2322	
747.73	1.3374	3746.5	8.3603	<b>620</b>	685.28	1.4593	3746.1	8.3198	<b>620</b>	632.43	1.5812	3745.7	8.2825	
764.63	1.3078	3791.1	8.4097	<b>640</b>	700.78	1.4270	3790.8	8.3693	<b>640</b>	646.75	1.5462	3790.4	8.3320	
781.53	1.2795	3836.1	8.4584	<b>660</b>	716.28	1.3961	3835.7	8.4180	<b>660</b>	661.06	1.5127	3835.4	8.3808	
798.42	1.2525	3881.3	8.5063	<b>680</b>	731.76	1.3666	3880.9	8.4659	<b>680</b>	675.37	1.4807	3880.6	8.4287	
815.30	1.2265	3926.7	8.5535	<b>700</b>	747.25	1.3382	3926.4	8.5131	<b>700</b>	689.67	1.4500	3926.1	8.4760	
832.17	1.2017	3972.5	8.6000	<b>720</b>	762.72	1.3111	3972.2	8.5597	<b>720</b>	703.96	1.4205	3971.9	8.5225	
849.04	1.1778	4018.5	8.6459	<b>740</b>	778.19	1.2850	4018.2	8.6056	<b>740</b>	718.24	1.3923	4017.9	8.5684	
865.90	1.1549	4064.8	8.6912	<b>760</b>	793.65	1.2600	4064.5	8.6508	<b>760</b>	732.52	1.3651	4064.3	8.6137	
882.76	1.1328	4111.3	8.7358	<b>780</b>	809.11	1.2359	4111.1	8.6954	<b>780</b>	746.80	1.3390	4110.8	8.6583	
899.61	1.1116	4158.2	8.7798	<b>800</b>	824.57	1.2128	4157.9	8.7395	<b>800</b>	761.07	1.3139	4157.7	8.7024	
916.46	1.0912	4205.3	8.8233	<b>820</b>	840.02	1.1904	4205.0	8.7830	<b>820</b>	775.34	1.2898	4204.8	8.7459	
933.30	1.0715	4252.6	8.8663	<b>840</b>	855.47	1.1690	4252.4	8.8260	<b>840</b>	789.60	1.2665	4252.2	8.7889	
950.15	1.0525	4300.3	8.9087	<b>860</b>	870.91	1.1482	4300.1	8.8684	<b>860</b>	803.86	1.2440	4299.9	8.8313	
966.98	1.0341	4348.2	8.9506	<b>880</b>	886.35	1.1282	4348.0	8.9103	<b>880</b>	818.12	1.2223	4347.8	8.8732	
983.82	1.0164	4396.4	8.9920	<b>900</b>	901.78	1.1089	4396.2	8.9518	<b>900</b>	832.37	1.2014	4396.0	8.9147	
1000.7	0.999 35	4444.8	9.0330	<b>920</b>	917.22	1.0903	4444.7	8.9927	<b>920</b>	846.62	1.1812	4444.5	8.9556	
1017.5	0.982 82	4493.5	9.0735	<b>940</b>	932.65	1.0722	4493.4	9.0332	<b>940</b>	860.87	1.1616	4493.2	8.9962	
1034.3	0.966 83	4542.5	9.1135	<b>960</b>	948.08	1.0548	4542.4	9.0733	<b>960</b>	875.12	1.1427	4542.2	9.0362	
1051.1	0.951 35	4591.8	9.1531	<b>980</b>	963.51	1.0379	4591.6	9.1129	<b>980</b>	889.36	1.1244	4591.5	9.0758	
1068.0	0.936 37	4641.3	9.1923	<b>1000</b>	978.93	1.0215	4641.1	9.1521	<b>1000</b>	903.60	1.1067	4641.0	9.1150	
1152.0	0.868 02	4892.5	9.3822	<b>1100</b>	1056.0	0.946 95	4892.4	9.3420	<b>1100</b>	974.78	1.0259	4892.2	9.3050	
1236.1	0.809 00	5149.7	9.5630	<b>1200</b>	1133.1	0.882 54	5149.6	9.5228	<b>1200</b>	1045.9	0.956 09	5149.5	9.4858	
1320.1	0.757 50	5412.6	9.7356	<b>1300</b>	1210.1	0.826 36	5412.5	9.6954	<b>1300</b>	1117.0	0.895 22	5412.4	9.6584	
1404.1	0.712 18	5680.6	9.9008	<b>1400</b>	1287.1	0.776 92	5680.5	9.8606	<b>1400</b>	1188.1	0.841 66	5680.5	9.8236	
1488.1	0.671 99	5953.4	10.059	<b>1500</b>	1364.1	0.733 07	5953.4	10.019	<b>1500</b>	1259.2	0.794 15	5953.3	9.9820	
1572.1	0.636 09	6230.7	10.211	<b>1600</b>	1441.1	0.693 91	6230.6	10.171	<b>1600</b>	1330.3	0.751 72	6230.6	10.134	
1740.0	0.574 71	6796.9	10.498	<b>1800</b>	1595.1	0.626 94	6796.9	10.458	<b>1800</b>	1472.4	0.679 17	6796.9	10.421	
1907.9	0.524 13	7376.9	10.765	<b>2000</b>	1749.0	0.571 77	7376.8	10.725	<b>2000</b>	1614.5	0.619 40	7376.8	10.688	

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>0.70 MPa (<math>t_s = 164.946\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.75 MPa (<math>t_s = 167.749\text{ }^\circ\text{C}</math>)</b>				$t_s, \text{ }^\circ\text{C}$	<b>0.80 MPa (<math>t_s = 170.406\text{ }^\circ\text{C}</math>)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.107 96	902.56	697.00	1.9918	$t_{s(L)}$	1.111 43	899.74	709.24	2.0195	$t_{s(L)}$	1.114 78	897.04	720.86	2.0457
272.77	3.6660	2762.8	6.7071	$t_{s(V)}$	255.51	3.9137	2765.6	6.6836	$t_{s(V)}$	240.34	4.1608	2768.3	6.6616
0.999 85	1000.15	0.67	-0.000 11	<b>0</b>	0.999 83	1000.17	0.72	-0.000 10	<b>0</b>	0.999 80	1000.20	0.77	-0.000 10
0.999 74	1000.26	21.72	0.076 24	<b>5</b>	0.999 71	1000.29	21.77	0.076 24	<b>5</b>	0.999 69	1000.31	21.82	0.076 24
1.000 01	999.99	42.70	0.151 02	<b>10</b>	0.999 99	1000.01	42.75	0.151 02	<b>10</b>	0.999 96	1000.04	42.80	0.151 01
1.000 62	999.38	63.65	0.224 36	<b>15</b>	1.000 60	999.41	63.70	0.224 35	<b>15</b>	1.000 57	999.43	63.75	0.224 34
1.001 52	998.48	84.57	0.296 34	<b>20</b>	1.001 50	998.50	84.62	0.296 33	<b>20</b>	1.001 48	998.53	84.66	0.296 32
1.002 69	997.32	105.47	0.367 04	<b>25</b>	1.002 67	997.34	105.52	0.367 03	<b>25</b>	1.002 64	997.36	105.57	0.367 02
1.004 10	995.92	126.37	0.436 54	<b>30</b>	1.004 08	995.94	126.41	0.436 53	<b>30</b>	1.004 06	995.96	126.46	0.436 51
1.005 74	994.30	147.26	0.504 89	<b>35</b>	1.005 71	994.32	147.30	0.504 87	<b>35</b>	1.005 69	994.34	147.35	0.504 85
1.007 58	992.48	168.15	0.572 13	<b>40</b>	1.007 56	992.50	168.19	0.572 11	<b>40</b>	1.007 53	992.52	168.24	0.572 09
1.009 62	990.47	189.04	0.638 32	<b>45</b>	1.009 59	990.50	189.08	0.638 30	<b>45</b>	1.009 57	990.52	189.13	0.638 28
1.011 84	988.30	209.93	0.703 49	<b>50</b>	1.011 82	988.32	209.98	0.703 47	<b>50</b>	1.011 80	988.34	210.02	0.703 44
1.014 25	985.95	230.84	0.767 68	<b>55</b>	1.014 22	985.98	230.88	0.767 66	<b>55</b>	1.014 20	986.00	230.92	0.767 63
1.016 82	983.46	251.75	0.830 93	<b>60</b>	1.016 80	983.48	251.79	0.830 90	<b>60</b>	1.016 78	983.50	251.84	0.830 88
1.019 56	980.81	272.68	0.893 27	<b>65</b>	1.019 54	980.84	272.72	0.893 24	<b>65</b>	1.019 52	980.86	272.76	0.893 21
1.022 46	978.03	293.61	0.954 73	<b>70</b>	1.022 44	978.05	293.65	0.954 70	<b>70</b>	1.022 42	978.07	293.69	0.954 67
1.025 53	975.11	314.56	1.0153	<b>75</b>	1.025 50	975.13	314.60	1.0153	<b>75</b>	1.025 48	975.15	314.64	1.0153
1.028 74	972.06	335.53	1.0751	<b>80</b>	1.028 72	972.08	335.57	1.0751	<b>80</b>	1.028 70	972.10	335.61	1.0751
1.032 12	968.88	356.52	1.1342	<b>85</b>	1.032 09	968.90	356.56	1.1341	<b>85</b>	1.032 07	968.93	356.60	1.1341
1.035 64	965.58	377.53	1.1924	<b>90</b>	1.035 62	965.61	377.57	1.1924	<b>90</b>	1.035 59	965.63	377.60	1.1923
1.039 32	962.17	398.56	1.2499	<b>95</b>	1.039 30	962.19	398.60	1.2499	<b>95</b>	1.039 27	962.21	398.63	1.2499
1.043 16	958.63	419.62	1.3067	<b>100</b>	1.043 13	958.65	419.65	1.3067	<b>100</b>	1.043 10	958.68	419.69	1.3067
1.047 14	954.98	440.70	1.3629	<b>105</b>	1.047 12	955.00	440.74	1.3628	<b>105</b>	1.047 09	955.03	440.78	1.3628
1.051 28	951.22	461.82	1.4184	<b>110</b>	1.051 26	951.24	461.86	1.4183	<b>110</b>	1.051 23	951.27	461.89	1.4183
1.055 58	947.34	482.97	1.4732	<b>115</b>	1.055 56	947.37	483.01	1.4732	<b>115</b>	1.055 53	947.39	483.04	1.4731
1.060 04	943.36	504.16	1.5275	<b>120</b>	1.060 02	943.38	504.20	1.5274	<b>120</b>	1.059 99	943.41	504.23	1.5274
1.064 67	939.26	525.40	1.5811	<b>125</b>	1.064 64	939.29	525.43	1.5811	<b>125</b>	1.064 61	939.31	525.47	1.5810
1.069 45	935.06	546.67	1.6342	<b>130</b>	1.069 42	935.08	546.71	1.6342	<b>130</b>	1.069 39	935.11	546.74	1.6341
1.074 41	930.74	568.00	1.6868	<b>135</b>	1.074 38	930.77	568.03	1.6868	<b>135</b>	1.074 35	930.80	568.07	1.6867
1.079 54	926.32	589.38	1.7389	<b>140</b>	1.079 51	926.35	589.41	1.7388	<b>140</b>	1.079 48	926.37	589.45	1.7388
1.084 85	921.78	610.82	1.7904	<b>145</b>	1.084 82	921.81	610.85	1.7904	<b>145</b>	1.084 79	921.84	610.88	1.7903
1.090 35	917.14	632.32	1.8416	<b>150</b>	1.090 32	917.16	632.35	1.8415	<b>150</b>	1.090 28	917.19	632.38	1.8414
1.096 04	912.37	653.88	1.8922	<b>155</b>	1.096 01	912.40	653.91	1.8922	<b>155</b>	1.095 97	912.43	653.94	1.8921
1.101 93	907.50	675.52	1.9425	<b>160</b>	1.101 89	907.53	675.55	1.9424	<b>160</b>	1.101 86	907.56	675.58	1.9423
272.82	3.6654	2762.9	6.7074	<b>165</b>	1.107 99	902.54	697.26	1.9922	<b>165</b>	1.107 95	902.57	697.29	1.9922
276.87	3.6118	2775.4	6.7357	<b>170</b>	257.24	3.8874	2771.4	6.6966	<b>170</b>	1.114 26	897.46	719.09	2.0416
280.84	3.5607	2787.5	6.7629	<b>175</b>	261.02	3.8311	2783.8	6.7245	<b>175</b>	243.66	4.1041	2780.0	6.6879
284.76	3.5118	2799.4	6.7893	<b>180</b>	264.74	3.7774	2795.9	6.7514	<b>180</b>	247.20	4.0453	2792.4	6.7154
288.63	3.4647	2811.1	6.8149	<b>185</b>	268.40	3.7258	2807.8	6.7775	<b>185</b>	250.68	3.9891	2804.6	6.7420
292.45	3.4193	2822.6	6.8399	<b>190</b>	272.02	3.6763	2819.5	6.8029	<b>190</b>	254.12	3.9351	2816.5	6.7679
296.24	3.3756	2834.0	6.8644	<b>195</b>	275.60	3.6285	2831.1	6.8277	<b>195</b>	257.52	3.8832	2828.2	6.7930
300.00	3.3333	2845.3	6.8884	<b>200</b>	279.14	3.5824	2842.5	6.8520	<b>200</b>	260.88	3.8332	2839.7	6.8176
307.44	3.2527	2867.5	6.9349	<b>210</b>	286.15	3.4947	2865.0	6.8991	<b>210</b>	267.52	3.7381	2862.5	6.8653
314.78	3.1768	2889.5	6.9799	<b>220</b>	293.06	3.4123	2887.2	6.9445	<b>220</b>	274.05	3.6489	2884.9	6.9111
322.04	3.1052	2911.2	7.0234	<b>230</b>	299.89	3.3346	2909.1	6.9884	<b>230</b>	280.50	3.5650	2907.0	6.9554
329.23	3.0374	2932.7	7.0658	<b>240</b>	306.65	3.2611	2930.7	7.0311	<b>240</b>	286.88	3.4857	2928.8	6.9984
336.37	2.9729	2954.0	7.1070	<b>250</b>	313.35	3.1913	2952.2	7.0725	<b>250</b>	293.20	3.4106	2950.4	7.0401
343.45	2.9116	2975.2	7.1472	<b>260</b>	320.00	3.1250	2973.6	7.1130	<b>260</b>	299.47	3.3392	2971.9	7.0808
350.50	2.8531	2996.4	7.1865	<b>270</b>	326.61	3.0618	2994.8	7.1525	<b>270</b>	305.70	3.2712	2993.3	7.1205
357.50	2.7972	3017.5	7.2249	<b>280</b>	333.17	3.0014	3016.0	7.1911	<b>280</b>	311.89	3.2063	3014.5	7.1593
364.47	2.7437	3038.5	7.2625	<b>290</b>	339.71	2.9437	3037.1	7.2289	<b>290</b>	318.04	3.1443	3035.7	7.1973

**Table 3. Compressed Water and Superheated Steam (continued)**

0.70 MPa ( $t_s = 164.946\text{ }^\circ\text{C}$ )					0.75 MPa ( $t_s = 167.749\text{ }^\circ\text{C}$ )					0.80 MPa ( $t_s = 170.406\text{ }^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$
371.42	2.6924	3059.4	7.2995	<b>300</b>	346.21	2.8884	3058.2	7.2659	<b>300</b>	324.16	3.0849	3056.9	7.2345	
378.33	2.6432	3080.4	7.3357	<b>310</b>	352.69	2.8353	3079.2	7.3023	<b>310</b>	330.26	3.0280	3078.0	7.2710	
385.23	2.5959	3101.3	7.3713	<b>320</b>	359.15	2.7844	3100.2	7.3380	<b>320</b>	336.33	2.9733	3099.0	7.3068	
392.10	2.5504	3122.3	7.4063	<b>330</b>	365.58	2.7354	3121.2	7.3731	<b>330</b>	342.38	2.9207	3120.1	7.3420	
398.95	2.5066	3143.2	7.4407	<b>340</b>	372.00	2.6882	3142.2	7.4076	<b>340</b>	348.41	2.8702	3141.1	7.3766	
405.79	2.4643	3164.2	7.4746	<b>350</b>	378.39	2.6427	3163.2	7.4416	<b>350</b>	354.42	2.8215	3162.2	7.4106	
412.61	2.4236	3185.1	7.5080	<b>360</b>	384.78	2.5989	3184.2	7.4750	<b>360</b>	360.42	2.7745	3183.2	7.4441	
419.42	2.3843	3206.1	7.5409	<b>370</b>	391.15	2.5566	3205.2	7.5080	<b>370</b>	366.41	2.7292	3204.3	7.4772	
426.21	2.3462	3227.1	7.5733	<b>380</b>	397.50	2.5157	3226.2	7.5405	<b>380</b>	372.38	2.6855	3225.4	7.5097	
432.99	2.3095	3248.1	7.6053	<b>390</b>	403.84	2.4762	3247.3	7.5725	<b>390</b>	378.34	2.6432	3246.5	7.5418	
439.77	2.2739	3269.2	7.6368	<b>400</b>	410.18	2.4380	3268.4	7.6041	<b>400</b>	384.28	2.6022	3267.6	7.5734	
446.53	2.2395	3290.3	7.6679	<b>410</b>	416.50	2.4010	3289.6	7.6353	<b>410</b>	390.22	2.5626	3288.8	7.6046	
453.28	2.2061	3311.5	7.6986	<b>420</b>	422.81	2.3651	3310.7	7.6660	<b>420</b>	396.15	2.5243	3310.0	7.6355	
460.03	2.1738	3332.7	7.7290	<b>430</b>	429.12	2.3304	3332.0	7.6964	<b>430</b>	402.07	2.4871	3331.3	7.6659	
466.76	2.1424	3353.9	7.7590	<b>440</b>	435.41	2.2967	3353.2	7.7264	<b>440</b>	407.98	2.4511	3352.6	7.6960	
473.49	2.1120	3375.2	7.7886	<b>450</b>	441.70	2.2640	3374.5	7.7561	<b>450</b>	413.89	2.4161	3373.9	7.7257	
480.21	2.0824	3396.5	7.8179	<b>460</b>	447.99	2.2322	3395.9	7.7854	<b>460</b>	419.79	2.3822	3395.3	7.7550	
486.93	2.0537	3417.9	7.8469	<b>470</b>	454.26	2.2014	3417.3	7.8144	<b>470</b>	425.68	2.3492	3416.7	7.7840	
493.64	2.0258	3439.3	7.8755	<b>480</b>	460.53	2.1714	3438.7	7.8431	<b>480</b>	431.57	2.3171	3438.2	7.8127	
500.34	1.9986	3460.8	7.9038	<b>490</b>	466.80	2.1423	3460.2	7.8715	<b>490</b>	437.45	2.2860	3459.7	7.8411	
507.04	1.9722	3482.3	7.9319	<b>500</b>	473.06	2.1139	3481.8	7.8995	<b>500</b>	443.32	2.2557	3481.3	7.8692	
520.43	1.9215	3525.6	7.9871	<b>520</b>	485.56	2.0595	3525.1	7.9548	<b>520</b>	455.06	2.1975	3524.6	7.9245	
533.79	1.8734	3569.0	8.0412	<b>540</b>	498.05	2.0078	3568.6	8.0090	<b>540</b>	466.78	2.1423	3568.1	7.9787	
547.15	1.8277	3612.8	8.0943	<b>560</b>	510.53	1.9588	3612.3	8.0621	<b>560</b>	478.48	2.0899	3611.9	8.0319	
560.49	1.7842	3656.7	8.1465	<b>580</b>	522.99	1.9121	3656.3	8.1143	<b>580</b>	490.17	2.0401	3655.9	8.0841	
573.81	1.7427	3700.9	8.1977	<b>600</b>	535.43	1.8676	3700.5	8.1655	<b>600</b>	501.85	1.9926	3700.1	8.1354	
587.13	1.7032	3745.4	8.2480	<b>620</b>	547.87	1.8252	3745.0	8.2159	<b>620</b>	513.52	1.9473	3744.6	8.1858	
600.44	1.6655	3790.1	8.2976	<b>640</b>	560.30	1.7848	3789.8	8.2654	<b>640</b>	525.18	1.9041	3789.4	8.2353	
613.74	1.6294	3835.1	8.3463	<b>660</b>	572.72	1.7461	3834.8	8.3142	<b>660</b>	536.83	1.8628	3834.4	8.2841	
627.03	1.5948	3880.3	8.3943	<b>680</b>	585.13	1.7090	3880.0	8.3622	<b>680</b>	548.47	1.8232	3879.7	8.3321	
640.31	1.5617	3925.8	8.4415	<b>700</b>	597.54	1.6735	3925.5	8.4094	<b>700</b>	560.11	1.7854	3925.3	8.3794	
653.59	1.5300	3971.6	8.4881	<b>720</b>	609.94	1.6395	3971.3	8.4560	<b>720</b>	571.74	1.7490	3971.1	8.4260	
666.86	1.4996	4017.7	8.5340	<b>740</b>	622.33	1.6069	4017.4	8.5019	<b>740</b>	583.36	1.7142	4017.2	8.4720	
680.13	1.4703	4064.0	8.5793	<b>760</b>	634.72	1.5755	4063.8	8.5472	<b>760</b>	594.98	1.6807	4063.5	8.5173	
693.39	1.4422	4110.6	8.6239	<b>780</b>	647.10	1.5454	4110.4	8.5919	<b>780</b>	606.59	1.6486	4110.1	8.5619	
706.64	1.4151	4157.5	8.6680	<b>800</b>	659.48	1.5164	4157.2	8.6360	<b>800</b>	618.20	1.6176	4157.0	8.6061	
719.90	1.3891	4204.6	8.7115	<b>820</b>	671.85	1.4884	4204.4	8.6795	<b>820</b>	629.81	1.5878	4204.2	8.6496	
733.15	1.3640	4252.0	8.7545	<b>840</b>	684.22	1.4615	4251.8	8.7225	<b>840</b>	641.41	1.5591	4251.6	8.6926	
746.39	1.3398	4299.7	8.7970	<b>860</b>	696.59	1.4356	4299.5	8.7650	<b>860</b>	653.00	1.5314	4299.3	8.7351	
759.63	1.3164	4347.6	8.8389	<b>880</b>	708.95	1.4105	4347.4	8.8069	<b>880</b>	664.60	1.5047	4347.2	8.7770	
772.87	1.2939	4395.8	8.8804	<b>900</b>	721.31	1.3864	4395.7	8.8484	<b>900</b>	676.19	1.4789	4395.5	8.8185	
786.11	1.2721	4444.3	8.9213	<b>920</b>	733.67	1.3630	4444.1	8.8894	<b>920</b>	687.78	1.4540	4444.0	8.8595	
799.34	1.2510	4493.0	8.9618	<b>940</b>	746.02	1.3404	4492.9	8.9299	<b>940</b>	699.36	1.4299	4492.7	8.9000	
812.57	1.2307	4542.0	9.0019	<b>960</b>	758.37	1.3186	4541.9	8.9699	<b>960</b>	710.95	1.4066	4541.7	8.9400	
825.80	1.2109	4591.3	9.0415	<b>980</b>	770.72	1.2975	4591.2	9.0096	<b>980</b>	722.53	1.3840	4591.0	8.9797	
839.03	1.1919	4640.8	9.0807	<b>1000</b>	783.07	1.2770	4640.7	9.0488	<b>1000</b>	734.11	1.3622	4640.5	9.0189	
905.14	1.1048	4892.1	9.2707	<b>1100</b>	844.78	1.1837	4892.0	9.2388	<b>1100</b>	791.97	1.2627	4891.9	9.2089	
971.21	1.0296	5149.4	9.4516	<b>1200</b>	906.46	1.1032	5149.3	9.4197	<b>1200</b>	849.80	1.1767	5149.2	9.3898	
1037.3	0.964 08	5412.3	9.6242	<b>1300</b>	968.11	1.0329	5412.2	9.5923	<b>1300</b>	907.60	1.1018	5412.2	9.5625	
1103.3	0.906 39	5680.4	9.7894	<b>1400</b>	1029.7	0.971 12	5680.3	9.7575	<b>1400</b>	965.39	1.0359	5680.3	9.7277	
1169.3	0.855 22	5953.3	9.9478	<b>1500</b>	1091.3	0.916 30	5953.2	9.9159	<b>1500</b>	1023.2	0.977 37	5953.2	9.8861	
1235.3	0.809 53	6230.5	10.100	<b>1600</b>	1152.9	0.867 34	6230.5	10.068	<b>1600</b>	1080.9	0.925 15	6230.5	10.038	
1367.2	0.731 40	6796.9	10.387	<b>1800</b>	1276.1	0.783 63	6796.8	10.355	<b>1800</b>	1196.4	0.835 85	6796.8	10.325	
1499.2	0.667 03	7376.8	10.654	<b>2000</b>	1399.3	0.714 66	7376.8	10.622	<b>2000</b>	1311.8	0.762 29	7376.8	10.592	

**Table 3. Compressed Water and Superheated Steam (continued)**

0.9 MPa ( $t_s = 175.350$ °C)					1.0 MPa ( $t_s = 179.878$ °C)					1.1 MPa ( $t_s = 184.062$ °C)				
$v$	$\rho$	$h$	$s$	$t_s$ , °C	$v$	$\rho$	$h$	$s$	$t_s$ , °C	$v$	$\rho$	$h$	$s$	$t_s$ , °C
1.121 18	891.92	742.56	2.0940	$t_s(L)$	1.127 23	887.13	762.52	2.1381	$t_s(L)$	1.132 99	882.62	781.03	2.1785	
214.89	4.6536	2773.0	6.6213	$t_s(V)$	194.36	5.1450	2777.1	6.5850	$t_s(V)$	177.45	5.6354	2780.6	6.5520	
0.999 75	1000.25	0.87	-0.000 09	<b>0</b>	0.999 70	1000.30	0.98	-0.000 09	<b>0</b>	0.999 65	1000.35	1.08	-0.000 08	
0.999 64	1000.36	21.91	0.076 24	<b>5</b>	0.999 59	1000.41	22.01	0.076 24	<b>5</b>	0.999 54	1000.46	22.11	0.076 23	
0.999 92	1000.08	42.90	0.151 01	<b>10</b>	0.999 87	1000.13	42.99	0.151 00	<b>10</b>	0.999 82	1000.18	43.09	0.150 99	
1.000 53	999.48	63.84	0.224 33	<b>15</b>	1.000 48	999.52	63.94	0.224 31	<b>15</b>	1.000 43	999.57	64.03	0.224 30	
1.001 43	998.57	84.76	0.296 30	<b>20</b>	1.001 38	998.62	84.85	0.296 28	<b>20</b>	1.001 34	998.66	84.95	0.296 26	
1.002 60	997.41	105.66	0.366 99	<b>25</b>	1.002 55	997.45	105.75	0.366 97	<b>25</b>	1.002 51	997.50	105.84	0.366 94	
1.004 01	996.01	126.55	0.436 48	<b>30</b>	1.003 97	996.05	126.64	0.436 45	<b>30</b>	1.003 92	996.09	126.73	0.436 42	
1.005 65	994.39	147.44	0.504 82	<b>35</b>	1.005 60	994.43	147.53	0.504 78	<b>35</b>	1.005 56	994.47	147.62	0.504 75	
1.007 49	992.57	168.32	0.572 05	<b>40</b>	1.007 44	992.61	168.41	0.572 02	<b>40</b>	1.007 40	992.65	168.50	0.571 98	
1.009 53	990.56	189.21	0.638 23	<b>45</b>	1.009 48	990.61	189.30	0.638 19	<b>45</b>	1.009 44	990.65	189.39	0.638 15	
1.011 75	988.38	210.11	0.703 40	<b>50</b>	1.011 71	988.43	210.19	0.703 35	<b>50</b>	1.011 66	988.47	210.28	0.703 30	
1.014 16	986.04	231.01	0.767 58	<b>55</b>	1.014 11	986.09	231.09	0.767 53	<b>55</b>	1.014 07	986.13	231.18	0.767 48	
1.016 73	983.54	251.92	0.830 82	<b>60</b>	1.016 69	983.59	252.00	0.830 77	<b>60</b>	1.016 64	983.63	252.09	0.830 72	
1.019 47	980.90	272.84	0.893 16	<b>65</b>	1.019 43	980.95	272.92	0.893 10	<b>65</b>	1.019 38	980.99	273.01	0.893 05	
1.022 37	978.12	293.78	0.954 61	<b>70</b>	1.022 33	978.16	293.86	0.954 55	<b>70</b>	1.022 28	978.21	293.94	0.954 49	
1.025 43	975.20	314.72	1.0152	<b>75</b>	1.025 39	975.24	314.81	1.0152	<b>75</b>	1.025 34	975.29	314.89	1.0151	
1.028 65	972.15	335.69	1.0750	<b>80</b>	1.028 60	972.19	335.77	1.0750	<b>80</b>	1.028 56	972.24	335.85	1.0749	
1.032 02	968.97	356.68	1.1340	<b>85</b>	1.031 97	969.02	356.75	1.1340	<b>85</b>	1.031 92	969.06	356.83	1.1339	
1.035 55	965.67	377.68	1.1923	<b>90</b>	1.035 50	965.72	377.76	1.1922	<b>90</b>	1.035 45	965.77	377.84	1.1921	
1.039 22	962.26	398.71	1.2498	<b>95</b>	1.039 17	962.30	398.79	1.2497	<b>95</b>	1.039 12	962.35	398.86	1.2496	
1.043 05	958.72	419.77	1.3066	<b>100</b>	1.043 00	958.77	419.84	1.3065	<b>100</b>	1.042 95	958.82	419.92	1.3064	
1.047 04	955.08	440.85	1.3627	<b>105</b>	1.046 99	955.12	440.92	1.3626	<b>105</b>	1.046 93	955.17	441.00	1.3626	
1.051 18	951.31	461.97	1.4182	<b>110</b>	1.051 12	951.36	462.04	1.4181	<b>110</b>	1.051 07	951.41	462.11	1.4180	
1.055 47	947.44	483.12	1.4730	<b>115</b>	1.055 42	947.49	483.19	1.4729	<b>115</b>	1.055 37	947.54	483.26	1.4729	
1.059 93	943.46	504.30	1.5273	<b>120</b>	1.059 87	943.51	504.38	1.5272	<b>120</b>	1.059 82	943.56	504.45	1.5271	
1.064 55	939.36	525.53	1.5809	<b>125</b>	1.064 49	939.42	525.60	1.5808	<b>125</b>	1.064 43	939.47	525.67	1.5807	
1.069 33	935.16	546.81	1.6340	<b>130</b>	1.069 27	935.21	546.88	1.6339	<b>130</b>	1.069 22	935.27	546.95	1.6338	
1.074 29	930.85	568.13	1.6866	<b>135</b>	1.074 23	930.90	568.20	1.6865	<b>135</b>	1.074 17	930.96	568.27	1.6864	
1.079 42	926.43	589.51	1.7387	<b>140</b>	1.079 35	926.48	589.58	1.7386	<b>140</b>	1.079 29	926.53	589.64	1.7384	
1.084 72	921.89	610.94	1.7902	<b>145</b>	1.084 66	921.95	611.01	1.7901	<b>145</b>	1.084 59	922.00	611.07	1.7900	
1.090 22	917.25	632.44	1.8413	<b>150</b>	1.090 15	917.31	632.50	1.8412	<b>150</b>	1.090 08	917.36	632.56	1.8411	
1.095 90	912.49	654.00	1.8920	<b>155</b>	1.095 83	912.55	654.06	1.8919	<b>155</b>	1.095 76	912.61	654.12	1.8918	
1.101 79	907.62	675.64	1.9422	<b>160</b>	1.101 71	907.68	675.70	1.9421	<b>160</b>	1.101 64	907.74	675.75	1.9420	
1.107 88	902.63	697.35	1.9921	<b>165</b>	1.107 80	902.69	697.41	1.9919	<b>165</b>	1.107 73	902.75	697.46	1.9918	
1.114 18	897.52	719.14	2.0415	<b>170</b>	1.114 10	897.58	719.20	2.0414	<b>170</b>	1.114 03	897.65	719.25	2.0413	
1.120 72	892.29	741.02	2.0906	<b>175</b>	1.120 63	892.35	741.08	2.0905	<b>175</b>	1.120 55	892.42	741.13	2.0904	
217.92	4.5888	2785.2	6.6482	<b>180</b>	194.44	5.1431	2777.4	6.5857	<b>180</b>	1.127 31	887.06	763.10	2.1391	
221.12	4.5224	2797.8	6.6759	<b>185</b>	197.42	5.0653	2790.7	6.6148	<b>185</b>	177.97	5.6189	2783.2	6.5576	
224.26	4.4590	2810.1	6.7027	<b>190</b>	200.34	4.9916	2803.5	6.6427	<b>190</b>	180.72	5.5336	2796.6	6.5868	
227.36	4.3983	2822.2	6.7286	<b>195</b>	203.20	4.9212	2816.0	6.6695	<b>195</b>	183.40	5.4527	2809.6	6.6146	
230.42	4.3399	2834.1	6.7539	<b>200</b>	206.02	4.8539	2828.3	6.6955	<b>200</b>	186.03	5.3755	2822.3	6.6415	
236.44	4.2294	2857.4	6.8027	<b>210</b>	211.56	4.7268	2852.2	6.7456	<b>210</b>	191.18	5.2308	2846.8	6.6929	
242.36	4.1262	2880.3	6.8495	<b>220</b>	216.98	4.6087	2875.5	6.7934	<b>220</b>	196.20	5.0968	2870.7	6.7417	
248.18	4.0293	2902.7	6.8946	<b>230</b>	222.31	4.4983	2898.4	6.8393	<b>230</b>	201.13	4.9720	2894.0	6.7885	
253.93	3.9380	2924.9	6.9382	<b>240</b>	227.56	4.3944	2920.9	6.8836	<b>240</b>	205.97	4.8551	2916.8	6.8335	
259.62	3.8517	2946.8	6.9805	<b>250</b>	232.75	4.2965	2943.1	6.9265	<b>250</b>	210.75	4.7450	2939.4	6.8770	
265.26	3.7699	2968.5	7.0216	<b>260</b>	237.88	4.2038	2965.1	6.9681	<b>260</b>	215.47	4.6411	2961.7	6.9192	
270.85	3.6921	2990.1	7.0618	<b>270</b>	242.96	4.1159	2986.9	7.0087	<b>270</b>	220.14	4.5426	2983.7	6.9602	
276.40	3.6179	3011.6	7.1009	<b>280</b>	248.01	4.0322	3008.6	7.0482	<b>280</b>	224.77	4.4490	3005.6	7.0001	
281.92	3.5472	3033.0	7.1392	<b>290</b>	253.01	3.9524	3030.2	7.0868	<b>290</b>	229.36	4.3600	3027.4	7.0391	

**Table 3. Compressed Water and Superheated Steam (continued)**

0.9 MPa ( $t_s = 175.350$ °C)					1.0 MPa ( $t_s = 179.878$ °C)					1.1 MPa ( $t_s = 184.062$ °C)				
$v$	$\rho$	$h$	$s$	$t, \text{°C}$	$v$	$\rho$	$h$	$s$	$t, \text{°C}$	$v$	$\rho$	$h$	$s$	$t, \text{°C}$
287.40	3.4795	3054.3	7.1767	<b>300</b>	257.99	3.8762	3051.6	7.1246	<b>300</b>	233.92	4.2750	3049.0	7.0772	
292.86	3.4146	3075.5	7.2134	<b>310</b>	262.94	3.8032	3073.0	7.1616	<b>310</b>	238.45	4.1937	3070.5	7.1144	
298.29	3.3524	3096.7	7.2495	<b>320</b>	267.86	3.7333	3094.4	7.1979	<b>320</b>	242.96	4.1160	3092.0	7.1509	
303.70	3.2927	3117.9	7.2849	<b>330</b>	272.76	3.6662	3115.7	7.2335	<b>330</b>	247.44	4.0414	3113.4	7.1868	
309.09	3.2353	3139.0	7.3197	<b>340</b>	277.64	3.6018	3136.9	7.2685	<b>340</b>	251.90	3.9698	3134.8	7.2219	
314.47	3.1800	3160.2	7.3539	<b>350</b>	282.50	3.5398	3158.2	7.3029	<b>350</b>	256.35	3.9009	3156.2	7.2565	
319.83	3.1267	3181.3	7.3876	<b>360</b>	287.35	3.4801	3179.4	7.3367	<b>360</b>	260.78	3.8347	3177.5	7.2905	
325.17	3.0753	3202.5	7.4207	<b>370</b>	292.18	3.4225	3200.7	7.3700	<b>370</b>	265.19	3.7709	3198.9	7.3239	
330.50	3.0257	3223.7	7.4534	<b>380</b>	297.00	3.3670	3221.9	7.4028	<b>380</b>	269.59	3.7093	3220.2	7.3568	
335.82	2.9778	3244.8	7.4856	<b>390</b>	301.81	3.3133	3243.2	7.4351	<b>390</b>	273.98	3.6499	3241.5	7.3892	
341.13	2.9314	3266.1	7.5173	<b>400</b>	306.61	3.2615	3264.5	7.4669	<b>400</b>	278.36	3.5925	3262.9	7.4212	
346.43	2.8866	3287.3	7.5486	<b>410</b>	311.39	3.2114	3285.8	7.4984	<b>410</b>	282.72	3.5370	3284.3	7.4527	
351.72	2.8432	3308.6	7.5795	<b>420</b>	316.17	3.1629	3307.1	7.5294	<b>420</b>	287.08	3.4833	3305.6	7.4838	
357.00	2.8011	3329.9	7.6101	<b>430</b>	320.94	3.1159	3328.5	7.5600	<b>430</b>	291.43	3.4314	3327.1	7.5145	
362.27	2.7604	3351.2	7.6402	<b>440</b>	325.69	3.0704	3349.9	7.5902	<b>440</b>	295.77	3.3810	3348.5	7.5448	
367.53	2.7208	3372.6	7.6700	<b>450</b>	330.45	3.0262	3371.3	7.6200	<b>450</b>	300.10	3.3322	3370.0	7.5747	
372.79	2.6825	3394.0	7.6994	<b>460</b>	335.19	2.9834	3392.8	7.6495	<b>460</b>	304.43	3.2848	3391.5	7.6042	
378.04	2.6452	3415.5	7.7285	<b>470</b>	339.93	2.9418	3414.3	7.6786	<b>470</b>	308.75	3.2389	3413.1	7.6335	
383.29	2.6090	3437.0	7.7572	<b>480</b>	344.66	2.9014	3435.8	7.7075	<b>480</b>	313.06	3.1943	3434.7	7.6623	
388.53	2.5738	3458.6	7.7857	<b>490</b>	349.39	2.8621	3457.4	7.7360	<b>490</b>	317.37	3.1509	3456.3	7.6909	
393.76	2.5396	3480.2	7.8138	<b>500</b>	354.11	2.8240	3479.1	7.7641	<b>500</b>	321.67	3.1088	3478.0	7.7191	
404.22	2.4739	3523.6	7.8692	<b>520</b>	363.54	2.7507	3522.6	7.8196	<b>520</b>	330.26	3.0279	3521.5	7.7747	
414.65	2.4116	3567.2	7.9235	<b>540</b>	372.95	2.6813	3566.2	7.8740	<b>540</b>	338.84	2.9513	3565.3	7.8291	
425.08	2.3525	3611.0	7.9768	<b>560</b>	382.35	2.6154	3610.1	7.9273	<b>560</b>	347.40	2.8786	3609.2	7.8825	
435.49	2.2963	3655.1	8.0290	<b>580</b>	391.74	2.5527	3654.2	7.9796	<b>580</b>	355.94	2.8095	3653.4	7.9349	
445.88	2.2427	3699.4	8.0803	<b>600</b>	401.11	2.4931	3698.6	8.0310	<b>600</b>	364.47	2.7437	3697.8	7.9864	
456.27	2.1917	3743.9	8.1308	<b>620</b>	410.47	2.4362	3743.2	8.0815	<b>620</b>	373.00	2.6810	3742.4	8.0369	
466.65	2.1429	3788.7	8.1804	<b>640</b>	419.82	2.3820	3788.0	8.1312	<b>640</b>	381.51	2.6212	3787.3	8.0866	
477.02	2.0964	3833.8	8.2292	<b>660</b>	429.16	2.3301	3833.1	8.1800	<b>660</b>	390.01	2.5640	3832.5	8.1355	
487.38	2.0518	3879.1	8.2773	<b>680</b>	438.50	2.2805	3878.5	8.2281	<b>680</b>	398.51	2.5094	3877.8	8.1836	
497.73	2.0091	3924.7	8.3246	<b>700</b>	447.83	2.2330	3924.1	8.2755	<b>700</b>	407.00	2.4570	3923.5	8.2310	
508.08	1.9682	3970.5	8.3712	<b>720</b>	457.15	2.1875	3970.0	8.3221	<b>720</b>	415.48	2.4069	3969.4	8.2777	
518.42	1.9289	4016.6	8.4172	<b>740</b>	466.47	2.1438	4016.1	8.3681	<b>740</b>	423.96	2.3587	4015.6	8.3237	
528.76	1.8912	4063.0	8.4625	<b>760</b>	475.78	2.1018	4062.5	8.4135	<b>760</b>	432.43	2.3125	4062.0	8.3691	
539.09	1.8550	4109.6	8.5072	<b>780</b>	485.08	2.0615	4109.2	8.4582	<b>780</b>	440.90	2.2681	4108.7	8.4139	
549.41	1.8201	4156.6	8.5514	<b>800</b>	494.38	2.0227	4156.1	8.5024	<b>800</b>	449.36	2.2254	4155.6	8.4581	
559.74	1.7866	4203.7	8.5949	<b>820</b>	503.68	1.9854	4203.3	8.5460	<b>820</b>	457.81	2.1843	4202.9	8.5017	
570.05	1.7542	4251.2	8.6379	<b>840</b>	512.97	1.9494	4250.8	8.5890	<b>840</b>	466.27	2.1447	4250.3	8.5447	
580.37	1.7230	4298.9	8.6804	<b>860</b>	522.26	1.9147	4298.5	8.6315	<b>860</b>	474.72	2.1065	4298.1	8.5872	
590.68	1.6930	4346.9	8.7224	<b>880</b>	531.55	1.8813	4346.5	8.6735	<b>880</b>	483.17	2.0697	4346.1	8.6292	
600.99	1.6639	4395.1	8.7639	<b>900</b>	540.83	1.8490	4394.8	8.7150	<b>900</b>	491.61	2.0341	4394.4	8.6707	
611.30	1.6359	4443.6	8.8049	<b>920</b>	550.11	1.8178	4443.3	8.7560	<b>920</b>	500.05	1.9998	4442.9	8.7117	
621.60	1.6088	4492.4	8.8454	<b>940</b>	559.39	1.7877	4492.1	8.7965	<b>940</b>	508.49	1.9666	4491.7	8.7523	
631.90	1.5825	4541.4	8.8855	<b>960</b>	568.67	1.7585	4541.1	8.8366	<b>960</b>	516.93	1.9345	4540.8	8.7924	
642.20	1.5571	4590.7	8.9251	<b>980</b>	577.94	1.7303	4590.4	8.8763	<b>980</b>	525.36	1.9035	4590.1	8.8321	
652.50	1.5326	4640.2	8.9643	<b>1000</b>	587.21	1.7030	4639.9	8.9155	<b>1000</b>	533.79	1.8734	4639.7	8.8713	
703.95	1.4205	4891.7	9.1544	<b>1100</b>	633.54	1.5784	4891.4	9.1056	<b>1100</b>	575.93	1.7363	4891.2	9.0615	
755.37	1.3238	5149.0	9.3353	<b>1200</b>	679.83	1.4710	5148.9	9.2866	<b>1200</b>	618.02	1.6181	5148.7	9.2425	
806.77	1.2395	5412.0	9.5080	<b>1300</b>	726.10	1.3772	5411.9	9.4593	<b>1300</b>	660.09	1.5149	5411.7	9.4152	
858.14	1.1653	5680.1	9.6732	<b>1400</b>	772.34	1.2948	5680.0	9.6245	<b>1400</b>	702.14	1.4242	5679.9	9.5805	
909.50	1.0995	5953.1	9.8316	<b>1500</b>	818.57	1.2216	5953.0	9.7830	<b>1500</b>	744.17	1.3438	5952.9	9.7389	
960.84	1.0408	6230.4	9.9838	<b>1600</b>	864.78	1.1564	6230.3	9.9351	<b>1600</b>	786.19	1.2719	6230.2	9.8911	
1063.5	0.940 29	6796.8	10.271	<b>1800</b>	957.19	1.0447	6796.7	10.222	<b>1800</b>	870.21	1.1492	6796.7	10.178	
1166.1	0.857 54	7376.8	10.538	<b>2000</b>	1049.6	0.952 78	7376.8	10.489	<b>2000</b>	954.19	1.0480	7376.7	10.445	



**Table 3. Compressed Water and Superheated Steam (continued)**

1.2 MPa ( $t_s = 187.957\text{ °C}$ )					1.3 MPa ( $t_s = 191.605\text{ °C}$ )					1.4 MPa ( $t_s = 195.039\text{ °C}$ )				
$v$	$\rho$	$h$	$s$	$t_s, \text{ °C}$	$v$	$\rho$	$h$	$s$	$t_s, \text{ °C}$	$v$	$\rho$	$h$	$s$	
1.138 50	878.35	798.33	2.2159	$t_s(L)$	1.143 80	874.28	814.60	2.2508	$t_s(L)$	1.148 92	870.39	829.97	2.2835	
163.26	6.1251	2783.7	6.5217	$t_s(V)$	151.19	6.6144	2786.5	6.4936	$t_s(V)$	140.78	7.1034	2788.8	6.4675	
0.999 60	1000.40	1.18	-0.000 08	<b>0</b>	0.999 55	1000.45	1.28	-0.000 07	<b>0</b>	0.999 50	1000.50	1.38	-0.000 06	
0.999 49	1000.51	22.21	0.076 23	<b>5</b>	0.999 45	1000.56	22.31	0.076 23	<b>5</b>	0.999 40	1000.60	22.41	0.076 23	
0.999 77	1000.23	43.19	0.150 98	<b>10</b>	0.999 73	1000.27	43.29	0.150 97	<b>10</b>	0.999 68	1000.32	43.38	0.150 96	
1.000 39	999.62	64.13	0.224 28	<b>15</b>	1.000 34	999.66	64.22	0.224 27	<b>15</b>	1.000 29	999.71	64.32	0.224 25	
1.001 29	998.71	85.04	0.296 23	<b>20</b>	1.001 25	998.76	85.13	0.296 21	<b>20</b>	1.001 20	998.80	85.23	0.296 19	
1.002 46	997.54	105.94	0.366 92	<b>25</b>	1.002 42	997.59	106.03	0.366 89	<b>25</b>	1.002 37	997.63	106.12	0.366 86	
1.003 88	996.14	126.82	0.436 39	<b>30</b>	1.003 83	996.18	126.92	0.436 36	<b>30</b>	1.003 79	996.23	127.01	0.436 33	
1.005 51	994.52	147.71	0.504 71	<b>35</b>	1.005 47	994.56	147.80	0.504 68	<b>35</b>	1.005 42	994.61	147.89	0.504 64	
1.007 36	992.70	168.59	0.571 94	<b>40</b>	1.007 31	992.74	168.68	0.571 90	<b>40</b>	1.007 27	992.79	168.77	0.571 86	
1.009 39	990.69	189.48	0.638 11	<b>45</b>	1.009 35	990.74	189.56	0.638 06	<b>45</b>	1.009 31	990.78	189.65	0.638 02	
1.011 62	988.51	210.37	0.703 26	<b>50</b>	1.011 57	988.56	210.45	0.703 21	<b>50</b>	1.011 53	988.60	210.54	0.703 17	
1.014 02	986.17	231.26	0.767 43	<b>55</b>	1.013 98	986.22	231.35	0.767 38	<b>55</b>	1.013 93	986.26	231.43	0.767 33	
1.016 60	983.68	252.17	0.830 67	<b>60</b>	1.016 55	983.72	252.26	0.830 61	<b>60</b>	1.016 50	983.76	252.34	0.830 56	
1.019 33	981.03	273.09	0.892 99	<b>65</b>	1.019 29	981.08	273.17	0.892 93	<b>65</b>	1.019 24	981.12	273.26	0.892 88	
1.022 23	978.25	294.02	0.954 44	<b>70</b>	1.022 19	978.29	294.10	0.954 38	<b>70</b>	1.022 14	978.34	294.18	0.954 32	
1.025 29	975.33	314.97	1.0150	<b>75</b>	1.025 25	975.38	315.05	1.0150	<b>75</b>	1.025 20	975.42	315.13	1.0149	
1.028 51	972.28	335.93	1.0748	<b>80</b>	1.028 46	972.33	336.01	1.0748	<b>80</b>	1.028 41	972.37	336.09	1.0747	
1.031 88	969.11	356.91	1.1338	<b>85</b>	1.031 83	969.15	356.99	1.1337	<b>85</b>	1.031 78	969.20	357.07	1.1337	
1.035 40	965.81	377.91	1.1921	<b>90</b>	1.035 35	965.86	377.99	1.1920	<b>90</b>	1.035 30	965.90	378.07	1.1919	
1.039 07	962.40	398.94	1.2496	<b>95</b>	1.039 02	962.44	399.02	1.2495	<b>95</b>	1.038 97	962.49	399.09	1.2494	
1.042 90	958.86	419.99	1.3064	<b>100</b>	1.042 85	958.91	420.07	1.3063	<b>100</b>	1.042 80	958.96	420.14	1.3062	
1.046 88	955.22	441.07	1.3625	<b>105</b>	1.046 83	955.27	441.15	1.3624	<b>105</b>	1.046 78	955.31	441.22	1.3623	
1.051 02	951.46	462.18	1.4179	<b>110</b>	1.050 96	951.51	462.26	1.4178	<b>110</b>	1.050 91	951.56	462.33	1.4178	
1.055 31	947.59	483.33	1.4728	<b>115</b>	1.055 26	947.64	483.40	1.4727	<b>115</b>	1.055 20	947.69	483.47	1.4726	
1.059 76	943.61	504.52	1.5270	<b>120</b>	1.059 71	943.66	504.59	1.5269	<b>120</b>	1.059 65	943.71	504.66	1.5268	
1.064 38	939.52	525.74	1.5806	<b>125</b>	1.064 32	939.57	525.81	1.5806	<b>125</b>	1.064 26	939.62	525.88	1.5805	
1.069 16	935.32	547.01	1.6337	<b>130</b>	1.069 10	935.37	547.08	1.6336	<b>130</b>	1.069 04	935.42	547.15	1.6335	
1.074 10	931.01	568.33	1.6863	<b>135</b>	1.074 04	931.06	568.40	1.6862	<b>135</b>	1.073 98	931.11	568.47	1.6861	
1.079 23	926.59	589.71	1.7383	<b>140</b>	1.079 16	926.64	589.77	1.7382	<b>140</b>	1.079 10	926.70	589.83	1.7381	
1.084 53	922.06	611.13	1.7899	<b>145</b>	1.084 46	922.12	611.20	1.7898	<b>145</b>	1.084 40	922.17	611.26	1.7897	
1.090 01	917.42	632.63	1.8410	<b>150</b>	1.089 95	917.48	632.69	1.8409	<b>150</b>	1.089 88	917.53	632.75	1.8408	
1.095 69	912.67	654.18	1.8916	<b>155</b>	1.095 62	912.72	654.24	1.8915	<b>155</b>	1.095 55	912.78	654.30	1.8914	
1.101 57	907.80	675.81	1.9419	<b>160</b>	1.101 50	907.86	675.87	1.9417	<b>160</b>	1.101 42	907.92	675.93	1.9416	
1.107 65	902.81	697.52	1.9917	<b>165</b>	1.107 57	902.87	697.57	1.9916	<b>165</b>	1.107 50	902.93	697.63	1.9914	
1.113 95	897.71	719.31	2.0411	<b>170</b>	1.113 87	897.77	719.36	2.0410	<b>170</b>	1.113 79	897.83	719.42	2.0409	
1.120 47	892.48	741.18	2.0902	<b>175</b>	1.120 39	892.55	741.23	2.0901	<b>175</b>	1.120 31	892.61	741.29	2.0900	
1.127 23	887.13	763.15	2.1390	<b>180</b>	1.127 14	887.20	763.20	2.1388	<b>180</b>	1.127 06	887.26	763.25	2.1387	
1.134 24	881.65	785.23	2.1874	<b>185</b>	1.134 15	881.72	785.27	2.1873	<b>185</b>	1.134 06	881.79	785.32	2.1871	
164.32	6.0857	2789.4	6.5340	<b>190</b>	1.141 41	876.11	807.45	2.2354	<b>190</b>	1.141 32	876.18	807.50	2.2353	
166.86	5.9931	2803.0	6.5631	<b>195</b>	152.83	6.5434	2796.0	6.5141	<b>195</b>	1.148 86	870.43	829.79	2.2831	
169.34	5.9053	2816.1	6.5909	<b>200</b>	155.19	6.4439	2809.6	6.5431	<b>200</b>	143.03	6.9918	2803.0	6.4975	
174.17	5.7415	2841.3	6.6437	<b>210</b>	159.76	6.2595	2835.7	6.5975	<b>210</b>	147.38	6.7850	2829.9	6.5538	
178.87	5.5908	2865.7	6.6937	<b>220</b>	164.18	6.0907	2860.7	6.6487	<b>220</b>	151.58	6.5970	2855.5	6.6062	
183.46	5.4508	2889.5	6.7414	<b>230</b>	168.50	5.9347	2884.9	6.6973	<b>230</b>	155.66	6.4241	2880.2	6.6559	
187.97	5.3200	2912.7	6.7872	<b>240</b>	172.73	5.7895	2908.5	6.7439	<b>240</b>	159.65	6.2637	2904.3	6.7033	
192.41	5.1973	2935.6	6.8313	<b>250</b>	176.88	5.6536	2931.8	6.7887	<b>250</b>	163.56	6.1139	2927.9	6.7488	
196.79	5.0817	2958.2	6.8740	<b>260</b>	180.97	5.5258	2954.6	6.8320	<b>260</b>	167.41	5.9735	2951.0	6.7926	
201.11	4.9723	2980.5	6.9155	<b>270</b>	185.01	5.4051	2977.2	6.8739	<b>270</b>	171.20	5.8411	2973.8	6.8350	
205.40	4.8686	3002.6	6.9558	<b>280</b>	189.00	5.2909	2999.5	6.9146	<b>280</b>	174.95	5.7160	2996.4	6.8762	
209.64	4.7700	3024.5	6.9951	<b>290</b>	192.96	5.1825	3021.6	6.9543	<b>290</b>	178.65	5.5975	3018.8	6.9162	

**Table 3. Compressed Water and Superheated Steam (continued)**

1.2 MPa ( $t_s = 187.957 \text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	1.3 MPa ( $t_s = 191.605 \text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	1.4 MPa ( $t_s = 195.039 \text{ }^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$	$v$		$\rho$	$h$	$s$	$v$	$\rho$		$h$	$s$			
213.86	4.6760	3046.3	7.0335	<b>300</b>	196.88	5.0792	3043.6	6.9930	<b>300</b>	182.32	5.4847	3040.9	6.9552			
218.04	4.5863	3068.0	7.0710	<b>310</b>	200.77	4.9808	3065.5	7.0308	<b>310</b>	185.97	5.3773	3062.9	6.9933			
222.20	4.5004	3089.6	7.1078	<b>320</b>	204.64	4.8867	3087.3	7.0678	<b>320</b>	189.58	5.2748	3084.9	7.0306			
226.34	4.4182	3111.2	7.1438	<b>330</b>	208.48	4.7966	3108.9	7.1041	<b>330</b>	193.17	5.1767	3106.7	7.0671			
230.45	4.3393	3132.7	7.1792	<b>340</b>	212.30	4.7103	3130.6	7.1396	<b>340</b>	196.74	5.0828	3128.4	7.1028			
234.55	4.2635	3154.2	7.2139	<b>350</b>	216.10	4.6274	3152.1	7.1745	<b>350</b>	200.29	4.9927	3150.1	7.1379			
238.63	4.1906	3175.6	7.2480	<b>360</b>	219.89	4.5477	3173.7	7.2088	<b>360</b>	203.83	4.9062	3171.7	7.1723			
242.70	4.1204	3197.0	7.2816	<b>370</b>	223.66	4.4710	3195.2	7.2425	<b>370</b>	207.34	4.8229	3193.3	7.2062			
246.75	4.0527	3218.4	7.3147	<b>380</b>	227.42	4.3972	3216.7	7.2757	<b>380</b>	210.85	4.7427	3214.9	7.2395			
250.79	3.9874	3239.9	7.3472	<b>390</b>	231.16	4.3260	3238.2	7.3084	<b>390</b>	214.34	4.6655	3236.5	7.2723			
254.82	3.9244	3261.3	7.3793	<b>400</b>	234.90	4.2572	3259.7	7.3406	<b>400</b>	217.82	4.5909	3258.1	7.3046			
258.83	3.8635	3282.7	7.4109	<b>410</b>	238.62	4.1908	3281.2	7.3723	<b>410</b>	221.29	4.5190	3279.7	7.3364			
262.84	3.8046	3304.2	7.4421	<b>420</b>	242.33	4.1266	3302.7	7.4036	<b>420</b>	224.75	4.4494	3301.2	7.3678			
266.84	3.7475	3325.7	7.4728	<b>430</b>	246.04	4.0645	3324.3	7.4344	<b>430</b>	228.20	4.3821	3322.8	7.3987			
270.83	3.6923	3347.2	7.5032	<b>440</b>	249.73	4.0043	3345.8	7.4649	<b>440</b>	231.64	4.3170	3344.5	7.4292			
274.82	3.6388	3368.7	7.5332	<b>450</b>	253.42	3.9460	3367.4	7.4949	<b>450</b>	235.08	4.2539	3366.1	7.4594			
278.79	3.5869	3390.3	7.5628	<b>460</b>	257.10	3.8895	3389.0	7.5246	<b>460</b>	238.51	4.1928	3387.8	7.4891			
282.76	3.5365	3411.9	7.5921	<b>470</b>	260.77	3.8347	3410.7	7.5539	<b>470</b>	241.93	4.1335	3409.5	7.5185			
286.73	3.4876	3433.5	7.6210	<b>480</b>	264.44	3.7815	3432.4	7.5829	<b>480</b>	245.34	4.0759	3431.2	7.5476			
290.69	3.4401	3455.2	7.6496	<b>490</b>	268.11	3.7299	3454.1	7.6116	<b>490</b>	248.75	4.0201	3453.0	7.5763			
294.64	3.3940	3476.9	7.6779	<b>500</b>	271.76	3.6797	3475.9	7.6399	<b>500</b>	252.16	3.9658	3474.8	7.6047			
302.53	3.3055	3520.5	7.7336	<b>520</b>	279.06	3.5834	3519.5	7.6957	<b>520</b>	258.95	3.8617	3518.5	7.6605			
310.41	3.2216	3564.3	7.7881	<b>540</b>	286.35	3.4923	3563.4	7.7503	<b>540</b>	265.73	3.7633	3562.4	7.7152			
318.26	3.1420	3608.3	7.8416	<b>560</b>	293.62	3.4058	3607.5	7.8038	<b>560</b>	272.49	3.6699	3606.6	7.7688			
326.11	3.0664	3652.6	7.8940	<b>580</b>	300.87	3.3237	3651.7	7.8563	<b>580</b>	279.23	3.5812	3650.9	7.8214			
333.94	2.9945	3697.0	7.9455	<b>600</b>	308.11	3.2456	3696.2	7.9079	<b>600</b>	285.97	3.4969	3695.4	7.8730			
341.77	2.9260	3741.7	7.9961	<b>620</b>	315.34	3.1711	3741.0	7.9586	<b>620</b>	292.69	3.4165	3740.2	7.9237			
349.58	2.8606	3786.6	8.0459	<b>640</b>	322.57	3.1001	3785.9	8.0083	<b>640</b>	299.41	3.3399	3785.2	7.9736			
357.39	2.7981	3831.8	8.0948	<b>660</b>	329.78	3.0323	3831.1	8.0573	<b>660</b>	306.12	3.2667	3830.5	8.0226			
365.18	2.7384	3877.2	8.1430	<b>680</b>	336.98	2.9675	3876.6	8.1055	<b>680</b>	312.81	3.1968	3876.0	8.0708			
372.97	2.6812	3922.9	8.1904	<b>700</b>	344.18	2.9054	3922.3	8.1530	<b>700</b>	319.51	3.1298	3921.7	8.1183			
380.76	2.6264	3968.8	8.2371	<b>720</b>	351.37	2.8460	3968.3	8.1997	<b>720</b>	326.19	3.0657	3967.7	8.1651			
388.53	2.5738	4015.0	8.2832	<b>740</b>	358.56	2.7889	4014.5	8.2458	<b>740</b>	332.87	3.0042	4014.0	8.2112			
396.31	2.5233	4061.5	8.3286	<b>760</b>	365.74	2.7342	4061.0	8.2912	<b>760</b>	339.54	2.9451	4060.5	8.2567			
404.07	2.4748	4108.2	8.3734	<b>780</b>	372.92	2.6816	4107.7	8.3361	<b>780</b>	346.21	2.8884	4107.2	8.3015			
411.84	2.4282	4155.2	8.4176	<b>800</b>	380.09	2.6310	4154.7	8.3803	<b>800</b>	352.87	2.8339	4154.3	8.3457			
419.59	2.3833	4202.4	8.4612	<b>820</b>	387.25	2.5823	4202.0	8.4239	<b>820</b>	359.53	2.7814	4201.6	8.3894			
427.35	2.3400	4249.9	8.5042	<b>840</b>	394.42	2.5354	4249.5	8.4670	<b>840</b>	366.19	2.7308	4249.1	8.4325			
435.10	2.2983	4297.7	8.5468	<b>860</b>	401.58	2.4902	4297.3	8.5095	<b>860</b>	372.84	2.6821	4296.9	8.4751			
442.85	2.2581	4345.7	8.5888	<b>880</b>	408.73	2.4466	4345.4	8.5516	<b>880</b>	379.49	2.6351	4345.0	8.5171			
450.59	2.2193	4394.0	8.6303	<b>900</b>	415.89	2.4045	4393.7	8.5931	<b>900</b>	386.14	2.5898	4393.3	8.5587			
458.34	2.1818	4442.6	8.6713	<b>920</b>	423.04	2.3639	4442.2	8.6342	<b>920</b>	392.78	2.5459	4441.9	8.5997			
466.08	2.1456	4491.4	8.7119	<b>940</b>	430.18	2.3246	4491.1	8.6747	<b>940</b>	399.42	2.5036	4490.7	8.6403			
473.81	2.1105	4540.5	8.7520	<b>960</b>	437.33	2.2866	4540.1	8.7149	<b>960</b>	406.06	2.4627	4539.8	8.6805			
481.55	2.0766	4589.8	8.7917	<b>980</b>	444.47	2.2499	4589.5	8.7546	<b>980</b>	412.70	2.4231	4589.2	8.7202			
489.28	2.0438	4639.4	8.8310	<b>1000</b>	451.61	2.2143	4639.1	8.7938	<b>1000</b>	419.33	2.3848	4638.8	8.7594			
527.92	1.8942	4891.0	9.0212	<b>1100</b>	487.29	2.0522	4890.7	8.9841	<b>1100</b>	452.47	2.2101	4890.5	8.9497			
566.52	1.7652	5148.5	9.2022	<b>1200</b>	522.93	1.9123	5148.3	9.1651	<b>1200</b>	485.58	2.0594	5148.1	9.1308			
605.09	1.6526	5411.5	9.3749	<b>1300</b>	558.55	1.7904	5411.4	9.3379	<b>1300</b>	518.66	1.9281	5411.2	9.3036			
643.64	1.5537	5679.8	9.5402	<b>1400</b>	594.14	1.6831	5679.6	9.5032	<b>1400</b>	551.72	1.8125	5679.5	9.4689			
682.18	1.4659	5952.8	9.6987	<b>1500</b>	629.72	1.5880	5952.7	9.6617	<b>1500</b>	584.76	1.7101	5952.6	9.6274			
720.70	1.3875	6230.1	9.8508	<b>1600</b>	665.29	1.5031	6230.0	9.8138	<b>1600</b>	617.79	1.6187	6230.0	9.7796			
797.72	1.2536	6796.6	10.138	<b>1800</b>	736.39	1.3580	6796.6	10.101	<b>1800</b>	683.82	1.4624	6796.5	10.067			
874.71	1.1432	7376.7	10.405	<b>2000</b>	807.46	1.2384	7376.7	10.368	<b>2000</b>	749.82	1.3336	7376.7	10.334			

**Table 3. Compressed Water and Superheated Steam (continued)**

1.5 MPa ( $t_s = 198.287\text{ °C}$ )					1.6 MPa ( $t_s = 201.370\text{ °C}$ )					1.8 MPa ( $t_s = 207.112\text{ °C}$ )				
$v$	$\rho$	$h$	$s$	$t_s, \text{ °C}$	$v$	$\rho$	$h$	$s$	$t_s, \text{ °C}$	$v$	$\rho$	$h$	$s$	$t_s, \text{ °C}$
1.153 87	866.65	844.56	2.3143	$t_s(L)$	1.158 68	863.05	858.46	2.3435	$t_s(L)$	1.167 92	856.22	884.47	2.3975	
131.71	7.5924	2791.0	6.4430	$t_s(V)$	123.74	8.0815	2792.8	6.4199	$t_s(V)$	110.37	9.0606	2795.9	6.3775	
0.999 45	1000.55	1.48	-0.000 06	<b>0</b>	0.999 40	1000.60	1.59	-0.000 05	<b>0</b>	0.999 29	1000.71	1.79	-0.000 04	
0.999 35	1000.65	22.51	0.076 23	<b>5</b>	0.999 30	1000.70	22.61	0.076 22	<b>5</b>	0.999 20	1000.80	22.81	0.076 22	
0.999 63	1000.37	43.48	0.150 95	<b>10</b>	0.999 58	1000.42	43.58	0.150 94	<b>10</b>	0.999 49	1000.51	43.77	0.150 92	
1.000 25	999.75	64.41	0.224 24	<b>15</b>	1.000 20	999.80	64.51	0.224 22	<b>15</b>	1.000 11	999.89	64.70	0.224 19	
1.001 15	998.85	85.32	0.296 17	<b>20</b>	1.001 11	998.89	85.42	0.296 15	<b>20</b>	1.001 02	998.98	85.60	0.296 11	
1.002 33	997.68	106.21	0.366 84	<b>25</b>	1.002 28	997.72	106.31	0.366 81	<b>25</b>	1.002 19	997.81	106.49	0.366 76	
1.003 74	996.27	127.10	0.436 30	<b>30</b>	1.003 70	996.32	127.19	0.436 27	<b>30</b>	1.003 61	996.41	127.37	0.436 21	
1.005 38	994.65	147.98	0.504 61	<b>35</b>	1.005 33	994.69	148.07	0.504 58	<b>35</b>	1.005 25	994.78	148.25	0.504 51	
1.007 22	992.83	168.86	0.571 82	<b>40</b>	1.007 18	992.87	168.94	0.571 78	<b>40</b>	1.007 09	992.96	169.12	0.571 71	
1.009 26	990.82	189.74	0.637 98	<b>45</b>	1.009 22	990.87	189.82	0.637 94	<b>45</b>	1.009 13	990.95	190.00	0.637 85	
1.011 49	988.64	210.62	0.703 12	<b>50</b>	1.011 44	988.69	210.71	0.703 07	<b>50</b>	1.011 35	988.78	210.88	0.702 98	
1.013 89	986.30	231.52	0.767 28	<b>55</b>	1.013 84	986.35	231.60	0.767 23	<b>55</b>	1.013 75	986.43	231.77	0.767 13	
1.016 46	983.81	252.42	0.830 51	<b>60</b>	1.016 41	983.85	252.51	0.830 45	<b>60</b>	1.016 32	983.94	252.67	0.830 35	
1.019 20	981.16	273.34	0.892 82	<b>65</b>	1.019 15	981.21	273.42	0.892 76	<b>65</b>	1.019 06	981.30	273.59	0.892 65	
1.022 10	978.38	294.27	0.954 26	<b>70</b>	1.022 05	978.43	294.35	0.954 20	<b>70</b>	1.021 96	978.51	294.51	0.954 08	
1.025 15	975.46	315.21	1.0148	<b>75</b>	1.025 11	975.51	315.29	1.0148	<b>75</b>	1.025 01	975.60	315.45	1.0147	
1.028 37	972.42	336.17	1.0746	<b>80</b>	1.028 32	972.46	336.25	1.0746	<b>80</b>	1.028 22	972.55	336.41	1.0744	
1.031 73	969.24	357.15	1.1336	<b>85</b>	1.031 68	969.29	357.23	1.1335	<b>85</b>	1.031 59	969.38	357.38	1.1334	
1.035 25	965.95	378.15	1.1918	<b>90</b>	1.035 20	965.99	378.22	1.1918	<b>90</b>	1.035 10	966.09	378.38	1.1916	
1.038 92	962.53	399.17	1.2493	<b>95</b>	1.038 87	962.58	399.24	1.2493	<b>95</b>	1.038 77	962.67	399.40	1.2491	
1.042 75	959.00	420.22	1.3061	<b>100</b>	1.042 70	959.05	420.29	1.3060	<b>100</b>	1.042 60	959.15	420.44	1.3059	
1.046 73	955.36	441.29	1.3622	<b>105</b>	1.046 67	955.41	441.37	1.3621	<b>105</b>	1.046 57	955.50	441.52	1.3620	
1.050 86	951.60	462.40	1.4177	<b>110</b>	1.050 80	951.65	462.48	1.4176	<b>110</b>	1.050 70	951.75	462.62	1.4174	
1.055 15	947.74	483.55	1.4725	<b>115</b>	1.055 09	947.78	483.62	1.4724	<b>115</b>	1.054 98	947.88	483.76	1.4722	
1.059 59	943.76	504.73	1.5267	<b>120</b>	1.059 54	943.81	504.80	1.5266	<b>120</b>	1.059 43	943.91	504.94	1.5265	
1.064 20	939.67	525.95	1.5804	<b>125</b>	1.064 15	939.72	526.02	1.5803	<b>125</b>	1.064 03	939.82	526.16	1.5801	
1.068 98	935.47	547.22	1.6334	<b>130</b>	1.068 92	935.52	547.28	1.6334	<b>130</b>	1.068 80	935.63	547.42	1.6332	
1.073 92	931.17	568.53	1.6860	<b>135</b>	1.073 86	931.22	568.60	1.6859	<b>135</b>	1.073 74	931.33	568.73	1.6857	
1.079 04	926.75	589.90	1.7380	<b>140</b>	1.078 98	926.81	589.96	1.7379	<b>140</b>	1.078 85	926.91	590.09	1.7377	
1.084 33	922.23	611.33	1.7896	<b>145</b>	1.084 27	922.28	611.39	1.7895	<b>145</b>	1.084 14	922.39	611.52	1.7893	
1.089 81	917.59	632.81	1.8407	<b>150</b>	1.089 75	917.65	632.87	1.8405	<b>150</b>	1.089 61	917.76	633.00	1.8403	
1.095 48	912.84	654.36	1.8913	<b>155</b>	1.095 41	912.90	654.42	1.8912	<b>155</b>	1.095 27	913.01	654.54	1.8909	
1.101 35	907.98	675.99	1.9415	<b>160</b>	1.101 28	908.04	676.05	1.9414	<b>160</b>	1.101 13	908.15	676.16	1.9411	
1.107 42	903.00	697.69	1.9913	<b>165</b>	1.107 35	903.06	697.74	1.9912	<b>165</b>	1.107 20	903.18	697.86	1.9909	
1.113 71	897.90	719.47	2.0407	<b>170</b>	1.113 64	897.96	719.52	2.0406	<b>170</b>	1.113 48	898.09	719.63	2.0404	
1.120 23	892.68	741.34	2.0898	<b>175</b>	1.120 14	892.74	741.39	2.0897	<b>175</b>	1.119 98	892.87	741.50	2.0894	
1.126 97	887.33	763.30	2.1386	<b>180</b>	1.126 89	887.40	763.35	2.1384	<b>180</b>	1.126 72	887.53	763.46	2.1382	
1.133 97	881.86	785.37	2.1870	<b>185</b>	1.133 88	881.93	785.42	2.1868	<b>185</b>	1.133 70	882.06	785.51	2.1866	
1.141 23	876.25	807.54	2.2351	<b>190</b>	1.141 13	876.32	807.59	2.2350	<b>190</b>	1.140 95	876.46	807.68	2.2347	
1.148 76	870.50	829.83	2.2830	<b>195</b>	1.148 66	870.58	829.88	2.2828	<b>195</b>	1.148 47	870.73	829.96	2.2825	
132.45	7.5498	2796.0	6.4536	<b>200</b>	1.156 48	864.69	852.29	2.3305	<b>200</b>	1.156 28	864.85	852.37	2.3301	
136.64	7.3185	2823.9	6.5120	<b>210</b>	127.22	7.8605	2817.7	6.4720	<b>210</b>	111.45	8.9726	2804.7	6.3958	
140.65	7.1100	2850.2	6.5659	<b>220</b>	131.06	7.6299	2844.8	6.5274	<b>220</b>	115.05	8.6921	2833.5	6.4548	
144.53	6.9191	2875.5	6.6166	<b>230</b>	134.77	7.4199	2870.6	6.5792	<b>230</b>	118.48	8.4402	2860.6	6.5092	
148.31	6.7427	2900.0	6.6649	<b>240</b>	138.38	7.2267	2895.6	6.6284	<b>240</b>	121.80	8.2104	2886.6	6.5602	
152.01	6.5785	2923.9	6.7111	<b>250</b>	141.90	7.0473	2919.9	6.6753	<b>250</b>	125.02	7.9986	2911.7	6.6087	
155.65	6.4248	2947.4	6.7555	<b>260</b>	145.35	6.8799	2943.7	6.7204	<b>260</b>	128.17	7.8019	2936.2	6.6551	
159.23	6.2804	2970.5	6.7984	<b>270</b>	148.75	6.7229	2967.1	6.7638	<b>270</b>	131.26	7.6183	2960.1	6.6996	
162.76	6.1441	2993.3	6.8400	<b>280</b>	152.09	6.5750	2990.1	6.8059	<b>280</b>	134.30	7.4460	2983.7	6.7426	
166.25	6.0150	3015.8	6.8804	<b>290</b>	155.39	6.4352	3012.9	6.8467	<b>290</b>	137.29	7.2837	3006.9	6.7842	

**Table 3. Compressed Water and Superheated Steam (continued)**

1.5 MPa ( $t_s = 198.287\text{ °C}$ )					$t, \text{°C}$	1.6 MPa ( $t_s = 201.370\text{ °C}$ )				$t, \text{°C}$	1.8 MPa ( $t_s = 207.112\text{ °C}$ )			
$v$	$\rho$	$h$	$s$	$v$		$\rho$	$h$	$s$	$v$		$\rho$	$h$	$s$	
169.71	5.8925	3038.2	6.9198	<b>300</b>	158.66	6.3027	3035.4	6.8863	<b>300</b>	140.25	7.1302	3029.9	6.8246	
173.13	5.7760	3060.4	6.9582	<b>310</b>	161.90	6.1767	3057.8	6.9250	<b>310</b>	143.17	6.9847	3052.6	6.8639	
176.53	5.6648	3082.4	6.9957	<b>320</b>	165.11	6.0567	3080.0	6.9628	<b>320</b>	146.06	6.8464	3075.1	6.9022	
179.90	5.5586	3104.4	7.0324	<b>330</b>	168.29	5.9421	3102.1	6.9997	<b>330</b>	148.93	6.7146	3097.5	6.9396	
183.25	5.4569	3126.2	7.0683	<b>340</b>	171.45	5.8326	3124.1	7.0359	<b>340</b>	151.77	6.5887	3119.7	6.9761	
186.59	5.3594	3148.0	7.1036	<b>350</b>	174.59	5.7276	3146.0	7.0713	<b>350</b>	154.60	6.4683	3141.8	7.0120	
189.90	5.2659	3169.8	7.1382	<b>360</b>	177.72	5.6269	3167.8	7.1061	<b>360</b>	157.41	6.3530	3163.9	7.0471	
193.20	5.1759	3191.5	7.1722	<b>370</b>	180.83	5.5302	3189.6	7.1403	<b>370</b>	160.20	6.2423	3185.9	7.0815	
196.49	5.0894	3213.2	7.2057	<b>380</b>	183.92	5.4371	3211.4	7.1738	<b>380</b>	162.97	6.1360	3207.8	7.1154	
199.76	5.0060	3234.8	7.2386	<b>390</b>	187.00	5.3476	3233.1	7.2069	<b>390</b>	165.73	6.0337	3229.7	7.1487	
203.02	4.9256	3256.5	7.2710	<b>400</b>	190.07	5.2612	3254.9	7.2394	<b>400</b>	168.49	5.9352	3251.6	7.1814	
206.27	4.8480	3278.1	7.3029	<b>410</b>	193.13	5.1779	3276.6	7.2714	<b>410</b>	171.22	5.8403	3273.5	7.2136	
209.51	4.7730	3299.8	7.3343	<b>420</b>	196.18	5.0974	3298.3	7.3030	<b>420</b>	173.95	5.7486	3295.3	7.2454	
212.74	4.7005	3321.4	7.3654	<b>430</b>	199.22	5.0196	3320.0	7.3341	<b>430</b>	176.67	5.6601	3317.2	7.2767	
215.97	4.6303	3343.1	7.3960	<b>440</b>	202.25	4.9444	3341.7	7.3648	<b>440</b>	179.39	5.5746	3339.0	7.3075	
219.18	4.5624	3364.8	7.4262	<b>450</b>	205.27	4.8716	3363.5	7.3950	<b>450</b>	182.09	5.4918	3360.9	7.3380	
222.39	4.4966	3386.5	7.4560	<b>460</b>	208.29	4.8010	3385.3	7.4249	<b>460</b>	184.79	5.4116	3382.7	7.3680	
225.59	4.4328	3408.3	7.4855	<b>470</b>	211.30	4.7326	3407.0	7.4545	<b>470</b>	187.48	5.3340	3404.6	7.3976	
228.79	4.3709	3430.0	7.5146	<b>480</b>	214.30	4.6663	3428.9	7.4836	<b>480</b>	190.16	5.2587	3426.5	7.4269	
231.98	4.3107	3451.8	7.5433	<b>490</b>	217.30	4.6019	3450.7	7.5124	<b>490</b>	192.84	5.1857	3448.5	7.4559	
235.16	4.2524	3473.7	7.5718	<b>500</b>	220.29	4.5394	3472.6	7.5409	<b>500</b>	195.51	5.1148	3470.4	7.4845	
241.52	4.1405	3517.5	7.6277	<b>520</b>	226.26	4.4196	3516.5	7.5970	<b>520</b>	200.84	4.9791	3514.5	7.5407	
247.85	4.0346	3561.5	7.6825	<b>540</b>	232.22	4.3063	3560.6	7.6518	<b>540</b>	206.15	4.8508	3558.7	7.5957	
254.18	3.9343	3605.7	7.7362	<b>560</b>	238.15	4.1990	3604.8	7.7056	<b>560</b>	211.45	4.7293	3603.0	7.6496	
260.48	3.8390	3650.1	7.7888	<b>580</b>	244.08	4.0971	3649.2	7.7583	<b>580</b>	216.73	4.6140	3647.6	7.7025	
266.78	3.7484	3694.7	7.8405	<b>600</b>	249.99	4.0002	3693.9	7.8100	<b>600</b>	222.00	4.5044	3692.3	7.7543	
273.07	3.6621	3739.5	7.8912	<b>620</b>	255.89	3.9079	3738.7	7.8608	<b>620</b>	227.26	4.4002	3737.3	7.8052	
279.34	3.5799	3784.5	7.9411	<b>640</b>	261.78	3.8200	3783.8	7.9108	<b>640</b>	232.51	4.3008	3782.4	7.8552	
285.61	3.5013	3829.8	7.9902	<b>660</b>	267.66	3.7360	3829.2	7.9599	<b>660</b>	237.75	4.2060	3827.8	7.9044	
291.87	3.4262	3875.4	8.0385	<b>680</b>	273.54	3.6558	3874.7	8.0082	<b>680</b>	242.99	4.1154	3873.5	7.9528	
298.12	3.3544	3921.1	8.0860	<b>700</b>	279.40	3.5790	3920.5	8.0557	<b>700</b>	248.21	4.0288	3919.4	8.0004	
304.36	3.2856	3967.2	8.1328	<b>720</b>	285.26	3.5055	3966.6	8.1026	<b>720</b>	253.43	3.9458	3965.5	8.0473	
310.60	3.2196	4013.4	8.1789	<b>740</b>	291.12	3.4350	4012.9	8.1487	<b>740</b>	258.65	3.8663	4011.8	8.0936	
316.84	3.1562	4060.0	8.2244	<b>760</b>	296.97	3.3674	4059.5	8.1943	<b>760</b>	263.86	3.7899	4058.4	8.1391	
323.06	3.0954	4106.8	8.2693	<b>780</b>	302.81	3.3024	4106.3	8.2391	<b>780</b>	269.06	3.7167	4105.3	8.1840	
329.29	3.0368	4153.8	8.3135	<b>800</b>	308.65	3.2399	4153.3	8.2834	<b>800</b>	274.26	3.6462	4152.4	8.2284	
335.51	2.9805	4201.1	8.3572	<b>820</b>	314.49	3.1798	4200.7	8.3271	<b>820</b>	279.45	3.5784	4199.8	8.2721	
341.73	2.9263	4248.7	8.4003	<b>840</b>	320.32	3.1219	4248.3	8.3702	<b>840</b>	284.64	3.5132	4247.4	8.3153	
347.94	2.8741	4296.5	8.4429	<b>860</b>	326.15	3.0661	4296.1	8.4128	<b>860</b>	289.83	3.4503	4295.3	8.3579	
354.15	2.8237	4344.6	8.4850	<b>880</b>	331.97	3.0123	4344.2	8.4549	<b>880</b>	295.02	3.3897	4343.5	8.4000	
360.36	2.7750	4392.9	8.5266	<b>900</b>	337.80	2.9604	4392.6	8.4965	<b>900</b>	300.20	3.3312	4391.9	8.4416	
366.56	2.7281	4441.5	8.5676	<b>920</b>	343.61	2.9102	4441.2	8.5376	<b>920</b>	305.37	3.2747	4440.5	8.4828	
372.76	2.6827	4490.4	8.6082	<b>940</b>	349.43	2.8618	4490.1	8.5782	<b>940</b>	310.55	3.2201	4489.4	8.5234	
378.96	2.6388	4539.5	8.6484	<b>960</b>	355.25	2.8150	4539.2	8.6184	<b>960</b>	315.72	3.1673	4538.6	8.5636	
385.16	2.5964	4588.9	8.6881	<b>980</b>	361.06	2.7696	4588.6	8.6581	<b>980</b>	320.89	3.1163	4588.0	8.6033	
391.35	2.5553	4638.5	8.7274	<b>1000</b>	366.87	2.7258	4638.2	8.6974	<b>1000</b>	326.06	3.0669	4637.6	8.6426	
422.29	2.3680	4890.3	8.9177	<b>1100</b>	395.89	2.5260	4890.0	8.8878	<b>1100</b>	351.88	2.8419	4889.5	8.8331	
453.20	2.2065	5147.9	9.0988	<b>1200</b>	424.87	2.3536	5147.7	9.0689	<b>1200</b>	377.66	2.6479	5147.3	9.0143	
484.08	2.0658	5411.1	9.2716	<b>1300</b>	453.83	2.2035	5410.9	9.2417	<b>1300</b>	403.41	2.4789	5410.6	9.1872	
514.94	1.9420	5679.4	9.4370	<b>1400</b>	482.77	2.0714	5679.3	9.4071	<b>1400</b>	429.15	2.3302	5679.0	9.3526	
545.79	1.8322	5952.5	9.5955	<b>1500</b>	511.69	1.9543	5952.4	9.5656	<b>1500</b>	454.86	2.1985	5952.1	9.5111	
576.62	1.7342	6229.9	9.7477	<b>1600</b>	540.60	1.8498	6229.8	9.7178	<b>1600</b>	480.57	2.0809	6229.6	9.6634	
638.26	1.5668	6796.5	10.035	<b>1800</b>	598.39	1.6712	6796.4	10.005	<b>1800</b>	531.95	1.8799	6796.3	9.9507	
699.86	1.4288	7376.6	10.302	<b>2000</b>	656.15	1.5240	7376.6	10.272	<b>2000</b>	583.30	1.7144	7376.6	10.218	

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>2.0 MPa (<math>t_s = 212.377</math> °C)</b>				$t_s$ , °C	<b>2.2 MPa (<math>t_s = 217.249</math> °C)</b>				$t_s$ , °C	<b>2.5 MPa (<math>t_s = 223.950</math> °C)</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.176 75	849.80	908.50	2.4468	$t_s(L)$	1.185 23	843.72	930.87	2.4921	$t_s(L)$	1.197 43	835.12	961.91	2.5543
99.585	10.042	2798.3	6.3390	$t_s(V)$	90.698	11.026	2800.1	6.3038	$t_s(V)$	79.949	12.508	2801.9	6.2558
0.999 19	1000.81	1.99	-0.000 03	<b>0</b>	0.999 09	1000.91	2.20	-0.000 01	<b>0</b>	0.998 94	1001.06	2.50	0.000 00
0.999 10	1000.90	23.01	0.076 22	<b>5</b>	0.999 00	1001.00	23.21	0.076 21	<b>5</b>	0.998 86	1001.14	23.50	0.076 21
0.999 39	1000.61	43.97	0.150 91	<b>10</b>	0.999 30	1000.70	44.16	0.150 89	<b>10</b>	0.999 15	1000.85	44.46	0.150 86
1.000 01	999.99	64.89	0.224 16	<b>15</b>	0.999 92	1000.08	65.08	0.224 13	<b>15</b>	0.999 78	1000.22	65.37	0.224 08
1.000 93	999.08	85.79	0.296 07	<b>20</b>	1.000 83	999.17	85.98	0.296 03	<b>20</b>	1.000 70	999.30	86.26	0.295 96
1.002 10	997.90	106.68	0.366 71	<b>25</b>	1.002 01	997.99	106.86	0.366 66	<b>25</b>	1.001 88	998.13	107.14	0.366 58
1.003 52	996.49	127.55	0.436 15	<b>30</b>	1.003 43	996.58	127.74	0.436 08	<b>30</b>	1.003 29	996.72	128.01	0.435 99
1.005 16	994.87	148.43	0.504 44	<b>35</b>	1.005 07	994.96	148.60	0.504 37	<b>35</b>	1.004 93	995.09	148.87	0.504 26
1.007 00	993.05	169.30	0.571 63	<b>40</b>	1.006 91	993.14	169.48	0.571 55	<b>40</b>	1.006 78	993.27	169.74	0.571 43
1.009 04	991.04	190.17	0.637 76	<b>45</b>	1.008 95	991.13	190.35	0.637 68	<b>45</b>	1.008 82	991.26	190.61	0.637 55
1.011 26	988.86	211.06	0.702 89	<b>50</b>	1.011 17	988.95	211.23	0.702 80	<b>50</b>	1.011 04	989.08	211.49	0.702 66
1.013 66	986.52	231.94	0.767 04	<b>55</b>	1.013 57	986.61	232.11	0.766 94	<b>55</b>	1.013 44	986.74	232.37	0.766 79
1.016 23	984.02	252.84	0.830 24	<b>60</b>	1.016 14	984.11	253.01	0.830 13	<b>60</b>	1.016 01	984.24	253.26	0.829 98
1.018 97	981.38	273.75	0.892 54	<b>65</b>	1.018 88	981.47	273.92	0.892 43	<b>65</b>	1.018 74	981.60	274.17	0.892 26
1.021 87	978.60	294.68	0.953 96	<b>70</b>	1.021 77	978.69	294.84	0.953 84	<b>70</b>	1.021 64	978.82	295.08	0.953 66
1.024 92	975.69	315.61	1.0145	<b>75</b>	1.024 83	975.77	315.77	1.0144	<b>75</b>	1.024 69	975.91	316.02	1.0142
1.028 13	972.64	336.57	1.0743	<b>80</b>	1.028 04	972.73	336.73	1.0742	<b>80</b>	1.027 89	972.86	336.96	1.0740
1.031 49	969.47	357.54	1.1333	<b>85</b>	1.031 40	969.56	357.70	1.1331	<b>85</b>	1.031 25	969.69	357.93	1.1329
1.035 01	966.18	378.53	1.1915	<b>90</b>	1.034 91	966.27	378.69	1.1913	<b>90</b>	1.034 76	966.40	378.92	1.1911
1.038 67	962.77	399.55	1.2490	<b>95</b>	1.038 57	962.86	399.70	1.2488	<b>95</b>	1.038 43	963.00	399.93	1.2486
1.042 49	959.24	420.59	1.3057	<b>100</b>	1.042 39	959.33	420.74	1.3056	<b>100</b>	1.042 24	959.47	420.97	1.3053
1.046 47	955.60	441.66	1.3618	<b>105</b>	1.046 36	955.69	441.81	1.3617	<b>105</b>	1.046 21	955.83	442.03	1.3614
1.050 59	951.84	462.77	1.4173	<b>110</b>	1.050 49	951.94	462.91	1.4171	<b>110</b>	1.050 33	952.08	463.13	1.4168
1.054 87	947.98	483.90	1.4721	<b>115</b>	1.054 77	948.08	484.05	1.4719	<b>115</b>	1.054 60	948.22	484.26	1.4716
1.059 31	944.01	505.08	1.5263	<b>120</b>	1.059 20	944.11	505.22	1.5261	<b>120</b>	1.059 04	944.26	505.43	1.5258
1.063 92	939.92	526.29	1.5799	<b>125</b>	1.063 80	940.02	526.43	1.5797	<b>125</b>	1.063 63	940.18	526.64	1.5794
1.068 68	935.73	547.55	1.6330	<b>130</b>	1.068 56	935.84	547.69	1.6328	<b>130</b>	1.068 39	935.99	547.89	1.6325
1.073 62	931.43	568.86	1.6855	<b>135</b>	1.073 49	931.54	569.00	1.6853	<b>135</b>	1.073 31	931.70	569.20	1.6850
1.078 72	927.02	590.22	1.7375	<b>140</b>	1.078 60	927.13	590.35	1.7373	<b>140</b>	1.078 41	927.29	590.55	1.7370
1.084 01	922.50	611.64	1.7890	<b>145</b>	1.083 88	922.61	611.77	1.7888	<b>145</b>	1.083 68	922.78	611.96	1.7885
1.089 48	917.87	633.12	1.8401	<b>150</b>	1.089 34	917.98	633.24	1.8399	<b>150</b>	1.089 14	918.15	633.43	1.8395
1.095 13	913.13	654.67	1.8907	<b>155</b>	1.095 00	913.25	654.79	1.8905	<b>155</b>	1.094 79	913.42	654.97	1.8901
1.100 99	908.27	676.28	1.9409	<b>160</b>	1.100 85	908.39	676.40	1.9407	<b>160</b>	1.100 63	908.57	676.57	1.9403
1.107 05	903.30	697.97	1.9907	<b>165</b>	1.106 90	903.42	698.08	1.9905	<b>165</b>	1.106 68	903.61	698.25	1.9901
1.113 32	898.21	719.74	2.0401	<b>170</b>	1.113 17	898.34	719.85	2.0399	<b>170</b>	1.112 93	898.53	720.02	2.0395
1.119 82	893.00	741.60	2.0892	<b>175</b>	1.119 66	893.13	741.71	2.0889	<b>175</b>	1.119 42	893.32	741.87	2.0885
1.126 55	887.67	763.56	2.1379	<b>180</b>	1.126 38	887.80	763.66	2.1376	<b>180</b>	1.126 13	888.00	763.81	2.1372
1.133 53	882.20	785.61	2.1863	<b>185</b>	1.133 35	882.34	785.71	2.1860	<b>185</b>	1.133 09	882.54	785.85	2.1856
1.140 76	876.61	807.77	2.2344	<b>190</b>	1.140 58	876.75	807.86	2.2341	<b>190</b>	1.140 30	876.96	808.00	2.2337
1.148 27	870.87	830.05	2.2822	<b>195</b>	1.148 08	871.02	830.14	2.2819	<b>195</b>	1.147 79	871.24	830.27	2.2815
1.156 07	865.00	852.45	2.3298	<b>200</b>	1.155 87	865.15	852.53	2.3295	<b>200</b>	1.155 56	865.38	852.65	2.3290
1.172 62	852.79	897.66	2.4244	<b>210</b>	1.172 39	852.96	897.73	2.4240	<b>210</b>	1.172 05	853.20	897.83	2.4235
102.18	9.7870	2821.6	6.3867	<b>220</b>	91.585	10.919	2809.0	6.3218	<b>220</b>	1.189 94	840.38	943.63	2.5173
105.41	9.4871	2850.2	6.4440	<b>230</b>	94.667	10.563	2839.2	6.3826	<b>230</b>	81.702	12.240	2821.8	6.2955
108.50	9.2165	2877.2	6.4973	<b>240</b>	97.592	10.247	2867.5	6.4383	<b>240</b>	84.445	11.842	2852.3	6.3555
111.50	8.9689	2903.2	6.5475	<b>250</b>	100.41	9.9596	2894.5	6.4903	<b>250</b>	87.053	11.487	2880.9	6.4107
114.41	8.7404	2928.5	6.5952	<b>260</b>	103.13	9.6964	2920.5	6.5396	<b>260</b>	89.562	11.165	2908.2	6.4625
117.26	8.5281	2953.1	6.6409	<b>270</b>	105.79	9.4530	2945.8	6.5866	<b>270</b>	91.992	10.871	2934.6	6.5114
120.05	8.3296	2977.1	6.6849	<b>280</b>	108.38	9.2265	2970.5	6.6316	<b>280</b>	94.358	10.598	2960.1	6.5581
122.80	8.1433	3000.8	6.7273	<b>290</b>	110.93	9.0146	2994.6	6.6749	<b>290</b>	96.670	10.344	2985.1	6.6028

**Table 3. Compressed Water and Superheated Steam (continued)**

2.0 MPa ( $t_s = 212.377^\circ\text{C}$ )					2.2 MPa ( $t_s = 217.249^\circ\text{C}$ )					2.5 MPa ( $t_s = 223.950^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$	$t, ^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, ^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, ^\circ\text{C}$
125.51	7.9677	3024.2	6.7684	<b>300</b>	113.44	8.8155	3018.4	6.7167	<b>300</b>	98.937	10.107	3009.6	6.6459	
128.18	7.8016	3047.3	6.8083	<b>310</b>	115.91	8.6277	3041.9	6.7573	<b>310</b>	101.17	9.8848	3033.6	6.6875	
130.82	7.6440	3070.1	6.8472	<b>320</b>	118.34	8.4500	3065.1	6.7967	<b>320</b>	103.36	9.6749	3057.4	6.7278	
133.44	7.4942	3092.8	6.8851	<b>330</b>	120.75	8.2813	3088.0	6.8351	<b>330</b>	105.53	9.4763	3080.8	6.7670	
136.03	7.3514	3115.3	6.9221	<b>340</b>	123.14	8.1208	3110.8	6.8726	<b>340</b>	107.67	9.2879	3104.0	6.8052	
138.60	7.2150	3137.7	6.9583	<b>350</b>	125.51	7.9678	3133.4	6.9092	<b>350</b>	109.79	9.1087	3127.0	6.8424	
141.15	7.0845	3159.9	6.9937	<b>360</b>	127.85	7.8215	3155.9	6.9450	<b>360</b>	111.88	8.9378	3149.8	6.8788	
143.69	6.9594	3182.1	7.0285	<b>370</b>	130.18	7.6816	3178.3	6.9801	<b>370</b>	113.97	8.7746	3172.5	6.9143	
146.21	6.8394	3204.2	7.0627	<b>380</b>	132.49	7.5475	3200.6	7.0145	<b>380</b>	116.03	8.6184	3195.1	6.9492	
148.72	6.7241	3226.3	7.0962	<b>390</b>	134.79	7.4187	3222.9	7.0483	<b>390</b>	118.08	8.4687	3217.7	6.9834	
151.21	6.6131	3248.3	7.1292	<b>400</b>	137.08	7.2949	3245.1	7.0815	<b>400</b>	120.12	8.3251	3240.1	7.0170	
153.70	6.5062	3270.3	7.1616	<b>410</b>	139.36	7.1758	3267.2	7.1142	<b>410</b>	122.15	8.1870	3262.5	7.0500	
156.17	6.4031	3292.3	7.1935	<b>420</b>	141.62	7.0610	3289.3	7.1463	<b>420</b>	124.16	8.0541	3284.8	7.0824	
158.64	6.3037	3314.3	7.2250	<b>430</b>	143.88	6.9503	3311.4	7.1780	<b>430</b>	126.17	7.9260	3307.1	7.1143	
161.09	6.2075	3336.3	7.2560	<b>440</b>	146.13	6.8434	3333.5	7.2091	<b>440</b>	128.16	7.8025	3329.3	7.1458	
163.54	6.1146	3358.2	7.2866	<b>450</b>	148.37	6.7401	3355.6	7.2399	<b>450</b>	130.15	7.6833	3351.6	7.1767	
165.98	6.0247	3380.2	7.3168	<b>460</b>	150.60	6.6402	3377.6	7.2702	<b>460</b>	132.13	7.5681	3373.8	7.2073	
168.42	5.9376	3402.2	7.3466	<b>470</b>	152.82	6.5435	3399.7	7.3001	<b>470</b>	134.11	7.4567	3396.0	7.2374	
170.85	5.8533	3424.2	7.3760	<b>480</b>	155.04	6.4499	3421.8	7.3296	<b>480</b>	136.07	7.3489	3418.3	7.2671	
173.27	5.7714	3446.2	7.4050	<b>490</b>	157.25	6.3592	3443.9	7.3588	<b>490</b>	138.04	7.2445	3440.5	7.2964	
175.68	5.6921	3468.2	7.4337	<b>500</b>	159.46	6.2711	3466.0	7.3876	<b>500</b>	139.99	7.1433	3462.7	7.3254	
180.50	5.5401	3512.4	7.4901	<b>520</b>	163.86	6.1028	3510.4	7.4442	<b>520</b>	143.89	6.9498	3507.3	7.3823	
185.30	5.3966	3556.7	7.5453	<b>540</b>	168.24	5.9439	3554.8	7.4996	<b>540</b>	147.77	6.7674	3552.0	7.4379	
190.09	5.2608	3601.2	7.5994	<b>560</b>	172.61	5.7935	3599.4	7.5538	<b>560</b>	151.63	6.5950	3596.8	7.4923	
194.86	5.1320	3645.9	7.6523	<b>580</b>	176.96	5.6511	3644.2	7.6069	<b>580</b>	155.48	6.4318	3641.7	7.5456	
199.61	5.0097	3690.7	7.7043	<b>600</b>	181.30	5.5158	3689.2	7.6589	<b>600</b>	159.31	6.2769	3686.8	7.5979	
204.36	4.8933	3735.8	7.7553	<b>620</b>	185.62	5.3872	3734.3	7.7100	<b>620</b>	163.14	6.1297	3732.1	7.6491	
209.10	4.7824	3781.0	7.8054	<b>640</b>	189.94	5.2648	3779.6	7.7603	<b>640</b>	166.95	5.9897	3777.5	7.6995	
213.83	4.6767	3826.5	7.8547	<b>660</b>	194.25	5.1480	3825.2	7.8096	<b>660</b>	170.76	5.8562	3823.2	7.7490	
218.55	4.5756	3872.2	7.9032	<b>680</b>	198.55	5.0364	3871.0	7.8581	<b>680</b>	174.56	5.7288	3869.1	7.7976	
223.26	4.4790	3918.2	7.9509	<b>700</b>	202.85	4.9298	3917.0	7.9059	<b>700</b>	178.35	5.6070	3915.2	7.8455	
227.97	4.3866	3964.3	7.9978	<b>720</b>	207.13	4.8278	3963.2	7.9529	<b>720</b>	182.13	5.4905	3961.5	7.8926	
232.67	4.2979	4010.8	8.0441	<b>740</b>	211.42	4.7300	4009.7	7.9993	<b>740</b>	185.91	5.3789	4008.1	7.9390	
237.37	4.2129	4057.4	8.0897	<b>760</b>	215.69	4.6362	4056.4	8.0449	<b>760</b>	189.68	5.2719	4054.9	7.9848	
242.06	4.1313	4104.3	8.1347	<b>780</b>	219.96	4.5462	4103.4	8.0900	<b>780</b>	193.45	5.1693	4101.9	8.0299	
246.74	4.0528	4151.5	8.1790	<b>800</b>	224.23	4.4597	4150.6	8.1344	<b>800</b>	197.21	5.0706	4149.2	8.0743	
251.42	3.9773	4198.9	8.2228	<b>820</b>	228.49	4.3765	4198.1	8.1782	<b>820</b>	200.97	4.9758	4196.7	8.1182	
256.10	3.9047	4246.6	8.2660	<b>840</b>	232.75	4.2964	4245.8	8.2214	<b>840</b>	204.73	4.8845	4244.5	8.1615	
260.78	3.8347	4294.5	8.3087	<b>860</b>	237.01	4.2193	4293.7	8.2641	<b>860</b>	208.48	4.7966	4292.5	8.2043	
265.45	3.7672	4342.7	8.3509	<b>880</b>	241.26	4.1449	4341.9	8.3063	<b>880</b>	212.23	4.7119	4340.8	8.2465	
270.12	3.7021	4391.1	8.3925	<b>900</b>	245.51	4.0732	4390.4	8.3480	<b>900</b>	215.97	4.6302	4389.3	8.2882	
274.78	3.6392	4439.8	8.4336	<b>920</b>	249.75	4.0040	4439.1	8.3892	<b>920</b>	219.72	4.5513	4438.1	8.3294	
279.44	3.5785	4488.7	8.4743	<b>940</b>	254.00	3.9371	4488.1	8.4299	<b>940</b>	223.46	4.4752	4487.1	8.3702	
284.11	3.5198	4537.9	8.5145	<b>960</b>	258.24	3.8724	4537.3	8.4701	<b>960</b>	227.19	4.4015	4536.3	8.4104	
288.76	3.4630	4587.4	8.5543	<b>980</b>	262.47	3.8099	4586.8	8.5099	<b>980</b>	230.93	4.3303	4585.8	8.4503	
293.42	3.4081	4637.0	8.5936	<b>1000</b>	266.71	3.7494	4636.5	8.5492	<b>1000</b>	234.66	4.2615	4635.6	8.4896	
316.67	3.1578	4889.1	8.7842	<b>1100</b>	287.87	3.4738	4888.6	8.7399	<b>1100</b>	253.30	3.9479	4887.9	8.6804	
339.89	2.9421	5147.0	8.9654	<b>1200</b>	308.98	3.2364	5146.6	8.9212	<b>1200</b>	271.90	3.6778	5146.0	8.8618	
363.08	2.7542	5410.3	9.1384	<b>1300</b>	330.08	3.0296	5410.0	9.0942	<b>1300</b>	290.47	3.4426	5409.5	9.0349	
386.25	2.5890	5678.8	9.3038	<b>1400</b>	351.15	2.8478	5678.5	9.2596	<b>1400</b>	309.03	3.2360	5678.1	9.2004	
409.40	2.4426	5951.9	9.4624	<b>1500</b>	372.20	2.6867	5951.7	9.4182	<b>1500</b>	327.57	3.0528	5951.4	9.3590	
432.54	2.3119	6229.5	9.6146	<b>1600</b>	393.24	2.5430	6229.3	9.5705	<b>1600</b>	346.09	2.8894	6229.1	9.5113	
478.79	2.0886	6796.2	9.9020	<b>1800</b>	435.30	2.2973	6796.1	9.8580	<b>1800</b>	383.11	2.6102	6796.0	9.7988	
525.01	1.9047	7376.5	10.169	<b>2000</b>	477.33	2.0950	7376.5	10.125	<b>2000</b>	420.11	2.3804	7376.4	10.066	

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>3.0 MPa (<math>t_s = 233.853\text{ }^\circ\text{C}</math>)</b>					$t_s, \text{ }^\circ\text{C}$	<b>3.5 MPa (<math>t_s = 242.557\text{ }^\circ\text{C}</math>)</b>					$t_s, \text{ }^\circ\text{C}$	<b>4.0 MPa (<math>t_s = 250.354\text{ }^\circ\text{C}</math>)</b>				
$v$	$\rho$	$h$	$s$	$t_s$		$v$	$\rho$	$h$	$s$	$t_s$		$v$	$\rho$	$h$	$s$	
1.216 69	821.90	1008.3	2.6455	$t_s(\text{L})$	1.234 97	809.74	1049.8	2.7254	$t_s(\text{L})$	1.252 56	798.37	1087.5	2.7968			
66.664	15.001	2803.2	6.1856	$t_s(\text{V})$	57.058	17.526	2802.6	6.1243	$t_s(\text{V})$	49.776	20.090	2800.8	6.0696			
0.998 69	1001.31	3.01	0.000 03	<b>0</b>	0.998 44	1001.57	3.51	0.000 06	<b>0</b>	0.998 19	1001.82	4.02	0.000 09			
0.998 61	1001.39	24.00	0.076 19	<b>5</b>	0.998 37	1001.63	24.50	0.076 18	<b>5</b>	0.998 13	1001.88	24.99	0.076 17			
0.998 92	1001.08	44.94	0.150 81	<b>10</b>	0.998 68	1001.32	45.43	0.150 76	<b>10</b>	0.998 44	1001.56	45.91	0.150 72			
0.999 55	1000.45	65.85	0.224 00	<b>15</b>	0.999 32	1000.68	66.32	0.223 92	<b>15</b>	0.999 09	1000.92	66.80	0.223 85			
1.000 47	999.53	86.73	0.295 86	<b>20</b>	1.000 24	999.76	87.20	0.295 75	<b>20</b>	1.000 01	999.99	87.67	0.295 64			
1.001 65	998.35	107.60	0.366 45	<b>25</b>	1.001 43	998.58	108.06	0.366 32	<b>25</b>	1.001 20	998.80	108.52	0.366 19			
1.003 07	996.94	128.46	0.435 84	<b>30</b>	1.002 85	997.16	128.92	0.435 69	<b>30</b>	1.002 63	997.38	129.37	0.435 53			
1.004 71	995.31	149.32	0.504 09	<b>35</b>	1.004 49	995.53	149.77	0.503 91	<b>35</b>	1.004 27	995.75	150.22	0.503 74			
1.006 56	993.48	170.18	0.571 24	<b>40</b>	1.006 34	993.70	170.63	0.571 04	<b>40</b>	1.006 12	993.92	171.07	0.570 85			
1.008 60	991.48	191.05	0.637 34	<b>45</b>	1.008 38	991.69	191.48	0.637 13	<b>45</b>	1.008 16	991.91	191.92	0.636 91			
1.010 82	989.30	211.92	0.702 43	<b>50</b>	1.010 60	989.51	212.35	0.702 19	<b>50</b>	1.010 38	989.73	212.78	0.701 96			
1.013 22	986.95	232.79	0.766 54	<b>55</b>	1.013 00	987.17	233.22	0.766 29	<b>55</b>	1.012 77	987.39	233.64	0.766 04			
1.015 79	984.46	253.68	0.829 71	<b>60</b>	1.015 56	984.68	254.10	0.829 45	<b>60</b>	1.015 34	984.89	254.52	0.829 18			
1.018 52	981.82	274.58	0.891 98	<b>65</b>	1.018 29	982.04	275.00	0.891 69	<b>65</b>	1.018 07	982.26	275.41	0.891 41			
1.021 41	979.04	295.49	0.953 36	<b>70</b>	1.021 18	979.26	295.90	0.953 07	<b>70</b>	1.020 95	979.48	296.31	0.952 77			
1.024 46	976.13	316.42	1.0139	<b>75</b>	1.024 23	976.35	316.82	1.0136	<b>75</b>	1.023 99	976.57	317.23	1.0133			
1.027 66	973.09	337.36	1.0736	<b>80</b>	1.027 42	973.31	337.76	1.0733	<b>80</b>	1.027 19	973.53	338.16	1.0730			
1.031 01	969.92	358.32	1.1326	<b>85</b>	1.030 78	970.14	358.72	1.1322	<b>85</b>	1.030 54	970.37	359.11	1.1319			
1.034 52	966.63	379.31	1.1908	<b>90</b>	1.034 28	966.86	379.69	1.1904	<b>90</b>	1.034 03	967.09	380.08	1.1900			
1.038 18	963.23	400.31	1.2482	<b>95</b>	1.037 93	963.46	400.69	1.2478	<b>95</b>	1.037 68	963.69	401.08	1.2475			
1.041 99	959.71	421.34	1.3050	<b>100</b>	1.041 73	959.94	421.72	1.3046	<b>100</b>	1.041 48	960.17	422.10	1.3042			
1.045 95	956.07	442.40	1.3610	<b>105</b>	1.045 69	956.31	442.77	1.3606	<b>105</b>	1.045 43	956.54	443.15	1.3602			
1.050 06	952.32	463.50	1.4164	<b>110</b>	1.049 80	952.56	463.86	1.4160	<b>110</b>	1.049 53	952.80	464.22	1.4156			
1.054 33	948.47	484.62	1.4712	<b>115</b>	1.054 06	948.71	484.98	1.4708	<b>115</b>	1.053 79	948.96	485.34	1.4703			
1.058 76	944.50	505.78	1.5254	<b>120</b>	1.058 48	944.75	506.14	1.5249	<b>120</b>	1.058 20	945.00	506.49	1.5245			
1.063 34	940.43	526.99	1.5790	<b>125</b>	1.063 06	940.68	527.33	1.5785	<b>125</b>	1.062 77	940.93	527.68	1.5780			
1.068 09	936.25	548.23	1.6320	<b>130</b>	1.067 80	936.51	548.57	1.6315	<b>130</b>	1.067 51	936.76	548.91	1.6310			
1.073 01	931.96	569.53	1.6845	<b>135</b>	1.072 71	932.22	569.86	1.6840	<b>135</b>	1.072 40	932.48	570.19	1.6835			
1.078 10	927.56	590.87	1.7365	<b>140</b>	1.077 78	927.83	591.20	1.7360	<b>140</b>	1.077 47	928.10	591.53	1.7354			
1.083 36	923.05	612.28	1.7880	<b>145</b>	1.083 04	923.33	612.60	1.7874	<b>145</b>	1.082 72	923.60	612.91	1.7869			
1.088 81	918.44	633.74	1.8390	<b>150</b>	1.088 47	918.72	634.05	1.8384	<b>150</b>	1.088 14	919.00	634.36	1.8379			
1.094 44	913.71	655.27	1.8896	<b>155</b>	1.094 10	914.00	655.57	1.8890	<b>155</b>	1.093 75	914.28	655.87	1.8884			
1.100 27	908.87	676.87	1.9397	<b>160</b>	1.099 91	909.16	677.16	1.9391	<b>160</b>	1.099 56	909.46	677.45	1.9385			
1.106 30	903.91	698.54	1.9895	<b>165</b>	1.105 93	904.21	698.82	1.9889	<b>165</b>	1.105 56	904.52	699.11	1.9882			
1.112 55	898.84	720.29	2.0388	<b>170</b>	1.112 16	899.15	720.57	2.0382	<b>170</b>	1.111 78	899.46	720.84	2.0376			
1.119 01	893.65	742.13	2.0878	<b>175</b>	1.118 61	893.97	742.40	2.0872	<b>175</b>	1.118 21	894.29	742.66	2.0865			
1.125 71	888.33	764.06	2.1365	<b>180</b>	1.125 29	888.66	764.32	2.1358	<b>180</b>	1.124 87	888.99	764.57	2.1352			
1.132 65	882.89	786.09	2.1849	<b>185</b>	1.132 21	883.23	786.34	2.1842	<b>185</b>	1.131 77	883.57	786.58	2.1835			
1.139 84	877.31	808.23	2.2329	<b>190</b>	1.139 38	877.67	808.46	2.2322	<b>190</b>	1.138 93	878.02	808.69	2.2315			
1.147 31	871.61	830.48	2.2807	<b>195</b>	1.146 83	871.97	830.70	2.2799	<b>195</b>	1.146 35	872.33	830.92	2.2792			
1.155 06	865.76	852.86	2.3282	<b>200</b>	1.154 56	866.13	853.06	2.3275	<b>200</b>	1.154 05	866.51	853.27	2.3267			
1.171 49	853.61	898.01	2.4227	<b>210</b>	1.170 94	854.02	898.18	2.4218	<b>210</b>	1.170 38	854.42	898.35	2.4210			
1.189 31	840.82	943.76	2.5164	<b>220</b>	1.188 69	841.26	943.90	2.5155	<b>220</b>	1.188 07	841.70	944.04	2.5146			
1.208 73	827.32	990.23	2.6097	<b>230</b>	1.208 03	827.80	990.32	2.6087	<b>230</b>	1.207 33	828.28	990.42	2.6077			
68.230	14.656	2824.5	6.2274	<b>240</b>	1.229 21	813.53	1037.6	2.7016	<b>240</b>	1.228 42	814.06	1037.6	2.7005			
70.627	14.159	2856.5	6.2893	<b>250</b>	58.757	17.019	2829.7	6.1764	<b>250</b>	1.251 69	798.92	1085.8	2.7935			
72.895	13.718	2886.4	6.3459	<b>260</b>	60.888	16.424	2862.9	6.2393	<b>260</b>	51.777	19.314	2837.1	6.1383			
75.066	13.322	2914.9	6.3987	<b>270</b>	62.898	15.899	2893.8	6.2968	<b>270</b>	53.693	18.624	2871.2	6.2016			
77.162	12.960	2942.2	6.4486	<b>280</b>	64.817	15.428	2923.2	6.3503	<b>280</b>	55.497	18.019	2902.9	6.2595			
79.196	12.627	2968.6	6.4959	<b>290</b>	66.664	15.001	2951.3	6.4006	<b>290</b>	57.217	17.477	2933.0	6.3133			

**Table 3. Compressed Water and Superheated Steam (continued)**

3.0 MPa ( $t_s = 233.853\text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	3.5 MPa ( $t_s = 242.557\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	4.0 MPa ( $t_s = 250.354\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$			$v$	$\rho$	$h$	$s$			$v$	$\rho$	$h$
81.179	12.318	2994.3	6.5412	<b>300</b>	68.453	14.609	2978.4	6.4484	<b>300</b>	58.870	16.987	2961.7	6.3639	
83.119	12.031	3019.5	6.5847	<b>310</b>	70.194	14.246	3004.8	6.4940	<b>310</b>	60.468	16.538	2989.4	6.4118	
85.022	11.762	3044.2	6.6266	<b>320</b>	71.894	13.909	3030.5	6.5377	<b>320</b>	62.021	16.123	3016.3	6.4576	
86.893	11.508	3068.4	6.6672	<b>330</b>	73.559	13.595	3055.7	6.5799	<b>330</b>	63.536	15.739	3042.5	6.5014	
88.737	11.269	3092.4	6.7066	<b>340</b>	75.194	13.299	3080.4	6.6206	<b>340</b>	65.019	15.380	3068.1	6.5435	
90.556	11.043	3116.1	6.7449	<b>350</b>	76.804	13.020	3104.8	6.6601	<b>350</b>	66.473	15.044	3093.3	6.5843	
92.355	10.828	3139.5	6.7823	<b>360</b>	78.390	12.757	3128.9	6.6984	<b>360</b>	67.903	14.727	3118.1	6.6238	
94.134	10.623	3162.8	6.8187	<b>370</b>	79.956	12.507	3152.8	6.7358	<b>370</b>	69.311	14.428	3142.6	6.6621	
95.897	10.428	3185.9	6.8544	<b>380</b>	81.505	12.269	3176.4	6.7723	<b>380</b>	70.701	14.144	3166.8	6.6994	
97.645	10.241	3208.8	6.8892	<b>390</b>	83.038	12.043	3199.9	6.8079	<b>390</b>	72.073	13.875	3190.7	6.7358	
99.379	10.062	3231.7	6.9234	<b>400</b>	84.556	11.826	3223.2	6.8427	<b>400</b>	73.431	13.618	3214.5	6.7714	
101.10	9.8911	3254.4	6.9570	<b>410</b>	86.062	11.620	3246.3	6.8769	<b>410</b>	74.776	13.373	3238.1	6.8061	
102.81	9.7265	3277.1	6.9900	<b>420</b>	87.556	11.421	3269.4	6.9104	<b>420</b>	76.108	13.139	3261.5	6.8402	
104.51	9.5682	3299.7	7.0224	<b>430</b>	89.039	11.231	3292.3	6.9433	<b>430</b>	77.429	12.915	3284.8	6.8736	
106.20	9.4159	3322.3	7.0542	<b>440</b>	90.513	11.048	3315.2	6.9756	<b>440</b>	78.741	12.700	3308.0	6.9064	
107.89	9.2690	3344.8	7.0856	<b>450</b>	91.978	10.872	3338.0	7.0074	<b>450</b>	80.043	12.493	3331.2	6.9386	
109.56	9.1273	3367.3	7.1165	<b>460</b>	93.435	10.703	3360.8	7.0387	<b>460</b>	81.337	12.295	3354.2	6.9703	
111.23	8.9904	3389.8	7.1470	<b>470</b>	94.885	10.539	3383.6	7.0695	<b>470</b>	82.623	12.103	3377.2	7.0015	
112.89	8.8581	3412.3	7.1770	<b>480</b>	96.328	10.381	3406.3	7.0998	<b>480</b>	83.902	11.919	3400.2	7.0321	
114.55	8.7301	3434.8	7.2066	<b>490</b>	97.764	10.229	3429.0	7.1298	<b>490</b>	85.175	11.741	3423.1	7.0624	
116.20	8.6062	3457.2	7.2359	<b>500</b>	99.195	10.081	3451.6	7.1593	<b>500</b>	86.442	11.568	3446.0	7.0922	
119.48	8.3697	3502.2	7.2933	<b>520</b>	102.04	9.8001	3497.0	7.2172	<b>520</b>	88.959	11.241	3491.8	7.1506	
122.74	8.1471	3547.2	7.3493	<b>540</b>	104.87	9.5360	3542.3	7.2737	<b>540</b>	91.457	10.934	3537.5	7.2075	
125.99	7.9371	3592.3	7.4041	<b>560</b>	107.68	9.2871	3587.7	7.3288	<b>560</b>	93.938	10.645	3583.2	7.2631	
129.22	7.7385	3637.5	7.4577	<b>580</b>	110.47	9.0521	3633.2	7.3828	<b>580</b>	96.405	10.373	3629.0	7.3174	
132.45	7.5503	3682.8	7.5103	<b>600</b>	113.25	8.8297	3678.9	7.4356	<b>600</b>	98.859	10.115	3674.9	7.3705	
135.66	7.3716	3728.3	7.5618	<b>620</b>	116.02	8.6189	3724.6	7.4874	<b>620</b>	101.30	9.8716	3720.9	7.4226	
138.86	7.2017	3774.0	7.6124	<b>640</b>	118.79	8.4185	3770.5	7.5383	<b>640</b>	103.73	9.6402	3767.0	7.4737	
142.05	7.0399	3819.9	7.6621	<b>660</b>	121.54	8.2279	3816.6	7.5882	<b>660</b>	106.16	9.4202	3813.2	7.5238	
145.23	6.8856	3866.0	7.7109	<b>680</b>	124.28	8.0463	3862.8	7.6372	<b>680</b>	108.57	9.2107	3859.7	7.5730	
148.41	6.7383	3912.2	7.7590	<b>700</b>	127.02	7.8729	3909.3	7.6854	<b>700</b>	110.98	9.0109	3906.3	7.6214	
151.57	6.5974	3958.7	7.8062	<b>720</b>	129.75	7.7073	3955.9	7.7329	<b>720</b>	113.38	8.8202	3953.1	7.6690	
154.74	6.4625	4005.4	7.8528	<b>740</b>	132.47	7.5488	4002.8	7.7796	<b>740</b>	115.77	8.6377	4000.1	7.7159	
157.90	6.3333	4052.4	7.8987	<b>760</b>	135.19	7.3970	4049.8	7.8256	<b>760</b>	118.16	8.4631	4047.3	7.7620	
161.05	6.2093	4099.5	7.9439	<b>780</b>	137.90	7.2515	4097.1	7.8709	<b>780</b>	120.54	8.2958	4094.7	7.8074	
164.20	6.0903	4146.9	7.9885	<b>800</b>	140.61	7.1118	4144.6	7.9156	<b>800</b>	122.92	8.1352	4142.3	7.8523	
167.34	5.9759	4194.6	8.0325	<b>820</b>	143.32	6.9776	4192.4	7.9597	<b>820</b>	125.30	7.9811	4190.2	7.8964	
170.48	5.8658	4242.4	8.0759	<b>840</b>	146.02	6.8486	4240.3	8.0032	<b>840</b>	127.67	7.8328	4238.3	7.9400	
173.62	5.7599	4290.5	8.1187	<b>860</b>	148.71	6.7244	4288.6	8.0461	<b>860</b>	130.03	7.6903	4286.6	7.9830	
176.75	5.6578	4338.9	8.1610	<b>880</b>	151.41	6.6048	4337.0	8.0885	<b>880</b>	132.40	7.5530	4335.1	8.0255	
179.88	5.5593	4387.5	8.2028	<b>900</b>	154.10	6.4895	4385.7	8.1303	<b>900</b>	134.76	7.4206	4383.9	8.0674	
183.01	5.4643	4436.3	8.2441	<b>920</b>	156.78	6.3782	4434.6	8.1717	<b>920</b>	137.12	7.2930	4432.9	8.1088	
186.13	5.3726	4485.4	8.2849	<b>940</b>	159.47	6.2708	4483.8	8.2126	<b>940</b>	139.47	7.1699	4482.1	8.1498	
189.25	5.2840	4534.8	8.3252	<b>960</b>	162.15	6.1671	4533.2	8.2529	<b>960</b>	141.83	7.0509	4531.6	8.1902	
192.37	5.1983	4584.3	8.3651	<b>980</b>	164.83	6.0668	4582.8	8.2929	<b>980</b>	144.18	6.9360	4581.3	8.2302	
195.49	5.1154	4634.1	8.4045	<b>1000</b>	167.51	5.9698	4632.7	8.3324	<b>1000</b>	146.52	6.8248	4631.2	8.2697	
211.05	4.7382	4886.7	8.5955	<b>1100</b>	180.87	5.5288	4885.6	8.5235	<b>1100</b>	158.24	6.3195	4884.4	8.4611	
226.57	4.4136	5145.0	8.7770	<b>1200</b>	194.20	5.1494	5144.1	8.7053	<b>1200</b>	169.92	5.8852	5143.1	8.6430	
242.07	4.1310	5408.8	8.9502	<b>1300</b>	207.50	4.8193	5408.0	8.8785	<b>1300</b>	181.57	5.5075	5407.2	8.8164	
257.55	3.8828	5677.5	9.1158	<b>1400</b>	220.78	4.5294	5676.9	9.0443	<b>1400</b>	193.20	5.1760	5676.3	8.9822	
273.01	3.6629	5950.9	9.2745	<b>1500</b>	234.04	4.2728	5950.4	9.2030	<b>1500</b>	204.81	4.8825	5949.9	9.1411	
288.46	3.4667	6228.7	9.4269	<b>1600</b>	247.29	4.0438	6228.3	9.3555	<b>1600</b>	216.42	4.6207	6227.9	9.2935	
319.32	3.1316	6795.8	9.7145	<b>1800</b>	273.76	3.6528	6795.5	9.6431	<b>1800</b>	239.59	4.1738	6795.3	9.5813	
350.17	2.8558	7376.3	9.9818	<b>2000</b>	300.21	3.3310	7376.2	9.9105	<b>2000</b>	262.74	3.8060	7376.0	9.8487	



**Table 3. Compressed Water and Superheated Steam (continued)**

4.5 MPa ( $t_s = 257.437\text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	5.0 MPa ( $t_s = 263.941\text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	5.5 MPa ( $t_s = 269.965\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.269 65	787.62	1122.2	2.8615	$t_{s(L)}$	1.286 39	777.37	1154.6	2.9210	$t_{s(L)}$	1.302 90	767.52	1185.1	2.9762
44.059	22.697	2797.9	6.0197	$t_{s(V)}$	39.446	25.351	2794.2	5.9737	$t_{s(V)}$	35.642	28.057	2789.7	5.9307
0.997 93	1002.07	4.53	0.000 11	<b>0</b>	0.997 68	1002.32	5.03	0.000 14	<b>0</b>	0.997 43	1002.57	5.54	0.000 16
0.997 89	1002.12	25.49	0.076 15	<b>5</b>	0.997 64	1002.36	25.98	0.076 14	<b>5</b>	0.997 40	1002.61	26.48	0.076 12
0.998 21	1001.79	46.40	0.150 67	<b>10</b>	0.997 97	1002.03	46.88	0.150 62	<b>10</b>	0.997 74	1002.27	47.37	0.150 57
0.998 85	1001.15	67.28	0.223 77	<b>15</b>	0.998 62	1001.38	67.75	0.223 69	<b>15</b>	0.998 39	1001.61	68.23	0.223 61
0.999 79	1000.21	88.14	0.295 54	<b>20</b>	0.999 56	1000.44	88.61	0.295 43	<b>20</b>	0.999 33	1000.67	89.08	0.295 32
1.000 98	999.02	108.99	0.366 05	<b>25</b>	1.000 75	999.25	109.45	0.365 92	<b>25</b>	1.000 53	999.47	109.91	0.365 79
1.002 40	997.60	129.83	0.435 38	<b>30</b>	1.002 18	997.82	130.28	0.435 22	<b>30</b>	1.001 96	998.04	130.74	0.435 07
1.004 05	995.97	150.67	0.503 56	<b>35</b>	1.003 83	996.19	151.12	0.503 39	<b>35</b>	1.003 61	996.40	151.56	0.503 21
1.005 90	994.14	171.51	0.570 66	<b>40</b>	1.005 68	994.36	171.95	0.570 46	<b>40</b>	1.005 46	994.57	172.39	0.570 27
1.007 94	992.13	192.36	0.636 70	<b>45</b>	1.007 72	992.34	192.79	0.636 49	<b>45</b>	1.007 50	992.56	193.23	0.636 27
1.010 16	989.95	213.21	0.701 73	<b>50</b>	1.009 94	990.16	213.64	0.701 50	<b>50</b>	1.009 72	990.38	214.07	0.701 27
1.012 55	987.60	234.07	0.765 79	<b>55</b>	1.012 33	987.82	234.49	0.765 55	<b>55</b>	1.012 11	988.04	234.92	0.765 30
1.015 11	985.11	254.94	0.828 92	<b>60</b>	1.014 89	985.33	255.36	0.828 65	<b>60</b>	1.014 67	985.54	255.78	0.828 39
1.017 84	982.47	275.82	0.891 13	<b>65</b>	1.017 62	982.69	276.24	0.890 85	<b>65</b>	1.017 39	982.91	276.65	0.890 57
1.020 72	979.70	296.72	0.952 47	<b>70</b>	1.020 50	979.92	297.13	0.952 18	<b>70</b>	1.020 27	980.13	297.54	0.951 88
1.023 76	976.79	317.63	1.0130	<b>75</b>	1.023 53	977.01	318.03	1.0127	<b>75</b>	1.023 30	977.23	318.44	1.0123
1.026 96	973.75	338.56	1.0727	<b>80</b>	1.026 72	973.97	338.95	1.0723	<b>80</b>	1.026 49	974.19	339.35	1.0720
1.030 30	970.59	359.50	1.1315	<b>85</b>	1.030 06	970.82	359.90	1.1312	<b>85</b>	1.029 82	971.04	360.29	1.1309
1.033 79	967.31	380.47	1.1897	<b>90</b>	1.033 55	967.54	380.86	1.1893	<b>90</b>	1.033 31	967.76	381.24	1.1890
1.037 44	963.91	401.46	1.2471	<b>95</b>	1.037 19	964.14	401.84	1.2467	<b>95</b>	1.036 94	964.37	402.22	1.2463
1.041 23	960.40	422.47	1.3038	<b>100</b>	1.040 98	960.63	422.85	1.3034	<b>100</b>	1.040 73	960.87	423.23	1.3030
1.045 17	956.78	443.52	1.3598	<b>105</b>	1.044 92	957.01	443.89	1.3594	<b>105</b>	1.044 66	957.25	444.26	1.3590
1.049 27	953.04	464.59	1.4152	<b>110</b>	1.049 01	953.28	464.95	1.4147	<b>110</b>	1.048 75	953.52	465.32	1.4143
1.053 52	949.20	485.70	1.4699	<b>115</b>	1.053 25	949.44	486.06	1.4695	<b>115</b>	1.052 98	949.68	486.41	1.4690
1.057 93	945.25	506.84	1.5240	<b>120</b>	1.057 65	945.49	507.19	1.5236	<b>120</b>	1.057 37	945.74	507.55	1.5231
1.062 49	941.19	528.02	1.5776	<b>125</b>	1.062 20	941.44	528.37	1.5771	<b>125</b>	1.061 92	941.69	528.72	1.5766
1.067 21	937.02	549.25	1.6305	<b>130</b>	1.066 92	937.28	549.59	1.6301	<b>130</b>	1.066 63	937.53	549.93	1.6296
1.072 10	932.75	570.53	1.6830	<b>135</b>	1.071 80	933.01	570.86	1.6825	<b>135</b>	1.071 50	933.27	571.19	1.6820
1.077 16	928.36	591.85	1.7349	<b>140</b>	1.076 85	928.63	592.18	1.7344	<b>140</b>	1.076 54	928.90	592.50	1.7339
1.082 40	923.88	613.23	1.7864	<b>145</b>	1.082 08	924.15	613.55	1.7858	<b>145</b>	1.081 76	924.42	613.87	1.7853
1.087 81	919.28	634.67	1.8373	<b>150</b>	1.087 48	919.56	634.98	1.8368	<b>150</b>	1.087 15	919.84	635.29	1.8362
1.093 41	914.57	656.18	1.8879	<b>155</b>	1.093 07	914.86	656.48	1.8873	<b>155</b>	1.092 73	915.14	656.78	1.8867
1.099 20	909.75	677.75	1.9379	<b>160</b>	1.098 85	910.05	678.04	1.9374	<b>160</b>	1.098 49	910.34	678.34	1.9368
1.105 19	904.82	699.39	1.9876	<b>165</b>	1.104 82	905.12	699.68	1.9870	<b>165</b>	1.104 46	905.42	699.97	1.9864
1.111 39	899.77	721.12	2.0369	<b>170</b>	1.111 01	900.08	721.40	2.0363	<b>170</b>	1.110 63	900.39	721.67	2.0357
1.117 81	894.61	742.93	2.0859	<b>175</b>	1.117 41	894.93	743.19	2.0852	<b>175</b>	1.117 01	895.24	743.46	2.0846
1.124 45	889.32	764.83	2.1345	<b>180</b>	1.124 04	889.65	765.08	2.1338	<b>180</b>	1.123 63	889.98	765.34	2.1331
1.131 34	883.91	786.83	2.1827	<b>185</b>	1.130 91	884.25	787.07	2.1821	<b>185</b>	1.130 47	884.58	787.32	2.1814
1.138 47	878.37	808.93	2.2307	<b>190</b>	1.138 02	878.72	809.16	2.2300	<b>190</b>	1.137 57	879.07	809.39	2.2293
1.145 87	872.70	831.14	2.2784	<b>195</b>	1.145 40	873.06	831.36	2.2777	<b>195</b>	1.144 93	873.42	831.58	2.2769
1.153 55	866.89	853.47	2.3259	<b>200</b>	1.153 06	867.26	853.68	2.3251	<b>200</b>	1.152 56	867.63	853.89	2.3243
1.169 83	854.83	898.53	2.4201	<b>210</b>	1.169 28	855.23	898.71	2.4193	<b>210</b>	1.168 73	855.63	898.88	2.4184
1.187 45	842.14	944.18	2.5136	<b>220</b>	1.186 84	842.58	944.32	2.5127	<b>220</b>	1.186 23	843.01	944.46	2.5118
1.206 63	828.75	990.52	2.6067	<b>230</b>	1.205 94	829.23	990.62	2.6057	<b>230</b>	1.205 25	829.70	990.72	2.6047
1.227 63	814.58	1037.7	2.6994	<b>240</b>	1.226 84	815.10	1037.7	2.6983	<b>240</b>	1.226 06	815.62	1037.8	2.6972
1.250 77	799.51	1085.8	2.7922	<b>250</b>	1.249 87	800.09	1085.7	2.7910	<b>250</b>	1.248 97	800.66	1085.7	2.7898
44.572	22.435	2808.6	6.0397	<b>260</b>	1.275 47	784.03	1134.9	2.8841	<b>260</b>	1.274 42	784.67	1134.8	2.8828
46.451	21.528	2846.7	6.1105	<b>270</b>	40.567	24.651	2819.8	6.0211	<b>270</b>	35.648	28.052	2789.9	5.9310
48.186	20.753	2881.3	6.1737	<b>280</b>	42.274	23.655	2858.1	6.0909	<b>280</b>	37.367	26.762	2832.9	6.0095
49.821	20.072	2913.6	6.2316	<b>290</b>	43.856	22.802	2893.0	6.1536	<b>290</b>	38.925	25.691	2871.1	6.0779

**Table 3. Compressed Water and Superheated Steam (continued)**

4.5 MPa ( $t_s = 257.437\text{ }^\circ\text{C}$ )					5.0 MPa ( $t_s = 263.941\text{ }^\circ\text{C}$ )					5.5 MPa ( $t_s = 269.965\text{ }^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$	$v$	$\rho$	$h$	$s$	$t, \text{ }^\circ\text{C}$
51.378	19.464	2944.2	6.2854	<b>300</b>	45.346	22.053	2925.7	6.2110	<b>300</b>	40.373	24.769	2906.2	6.1397	
52.873	18.913	2973.4	6.3359	<b>310</b>	46.766	21.383	2956.6	6.2646	<b>310</b>	41.740	23.958	2939.1	6.1966	
54.317	18.410	3001.6	6.3838	<b>320</b>	48.130	20.777	2986.2	6.3149	<b>320</b>	43.043	23.233	2970.3	6.2496	
55.720	17.947	3028.9	6.4295	<b>330</b>	49.446	20.224	3014.7	6.3626	<b>330</b>	44.294	22.576	3000.1	6.2995	
57.087	17.517	3055.5	6.4732	<b>340</b>	50.724	19.714	3042.4	6.4080	<b>340</b>	45.502	21.977	3028.9	6.3468	
58.423	17.117	3081.5	6.5153	<b>350</b>	51.969	19.242	3069.3	6.4516	<b>350</b>	46.675	21.425	3056.8	6.3920	
59.733	16.741	3107.0	6.5560	<b>360</b>	53.186	18.802	3095.6	6.4935	<b>360</b>	47.817	20.913	3084.0	6.4352	
61.021	16.388	3132.1	6.5953	<b>370</b>	54.378	18.390	3121.5	6.5340	<b>370</b>	48.934	20.436	3110.5	6.4769	
62.288	16.054	3156.9	6.6336	<b>380</b>	55.549	18.002	3146.9	6.5732	<b>380</b>	50.027	19.989	3136.6	6.5171	
63.538	15.739	3181.4	6.6708	<b>390</b>	56.702	17.636	3171.9	6.6112	<b>390</b>	51.101	19.569	3162.3	6.5561	
64.772	15.439	3205.6	6.7070	<b>400</b>	57.837	17.290	3196.7	6.6483	<b>400</b>	52.158	19.173	3187.5	6.5939	
65.991	15.153	3229.7	6.7425	<b>410</b>	58.958	16.961	3221.2	6.6844	<b>410</b>	53.199	18.797	3212.5	6.6307	
67.199	14.881	3253.5	6.7771	<b>420</b>	60.066	16.648	3245.4	6.7196	<b>420</b>	54.226	18.441	3237.2	6.6666	
68.394	14.621	3277.2	6.8111	<b>430</b>	61.162	16.350	3269.5	6.7541	<b>430</b>	55.241	18.102	3261.7	6.7017	
69.580	14.372	3300.8	6.8443	<b>440</b>	62.248	16.065	3293.4	6.7879	<b>440</b>	56.245	17.779	3286.0	6.7360	
70.756	14.133	3324.2	6.8770	<b>450</b>	63.323	15.792	3317.2	6.8210	<b>450</b>	57.239	17.471	3310.1	6.7696	
71.924	13.904	3347.6	6.9091	<b>460</b>	64.390	15.530	3340.9	6.8535	<b>460</b>	58.224	17.175	3334.1	6.8025	
73.083	13.683	3370.9	6.9406	<b>470</b>	65.449	15.279	3364.4	6.8854	<b>470</b>	59.200	16.892	3357.9	6.8348	
74.236	13.471	3394.1	6.9716	<b>480</b>	66.500	15.038	3387.9	6.9168	<b>480</b>	60.169	16.620	3381.7	6.8666	
75.381	13.266	3417.2	7.0022	<b>490</b>	67.545	14.805	3411.3	6.9477	<b>490</b>	61.131	16.358	3405.3	6.8978	
76.521	13.068	3440.4	7.0323	<b>500</b>	68.583	14.581	3434.7	6.9781	<b>500</b>	62.086	16.107	3428.9	6.9285	
78.784	12.693	3486.5	7.0912	<b>520</b>	70.642	14.156	3481.2	7.0375	<b>520</b>	63.979	15.630	3475.9	6.9885	
81.027	12.342	3532.6	7.1486	<b>540</b>	72.681	13.759	3527.7	7.0954	<b>540</b>	65.852	15.185	3522.7	7.0468	
83.253	12.012	3578.6	7.2046	<b>560</b>	74.703	13.386	3574.1	7.1517	<b>560</b>	67.708	14.769	3569.4	7.1035	
85.464	11.701	3624.7	7.2592	<b>580</b>	76.710	13.036	3620.4	7.2067	<b>580</b>	69.548	14.379	3616.1	7.1589	
87.662	11.407	3670.9	7.3127	<b>600</b>	78.704	12.706	3666.8	7.2605	<b>600</b>	71.374	14.011	3662.8	7.2130	
89.848	11.130	3717.1	7.3650	<b>620</b>	80.685	12.394	3713.3	7.3131	<b>620</b>	73.188	13.663	3709.5	7.2659	
92.024	10.867	3763.4	7.4163	<b>640</b>	82.657	12.098	3759.9	7.3647	<b>640</b>	74.992	13.335	3756.3	7.3177	
94.191	10.617	3809.9	7.4666	<b>660</b>	84.619	11.818	3806.5	7.4152	<b>660</b>	76.787	13.023	3803.2	7.3685	
96.349	10.379	3856.5	7.5161	<b>680</b>	86.572	11.551	3853.3	7.4649	<b>680</b>	78.573	12.727	3850.2	7.4183	
98.500	10.152	3903.3	7.5646	<b>700</b>	88.518	11.297	3900.3	7.5136	<b>700</b>	80.351	12.445	3897.3	7.4672	
100.64	9.9360	3950.2	7.6124	<b>720</b>	90.457	11.055	3947.4	7.5615	<b>720</b>	82.123	12.177	3944.6	7.5153	
102.78	9.7294	3997.4	7.6594	<b>740</b>	92.390	10.824	3994.7	7.6087	<b>740</b>	83.888	11.921	3992.0	7.5626	
104.91	9.5316	4044.7	7.7057	<b>760</b>	94.318	10.602	4042.2	7.6551	<b>760</b>	85.648	11.676	4039.6	7.6091	
107.04	9.3422	4092.3	7.7512	<b>780</b>	96.240	10.391	4089.8	7.7008	<b>780</b>	87.403	11.441	4087.4	7.6549	
109.16	9.1605	4140.0	7.7962	<b>800</b>	98.158	10.188	4137.7	7.7458	<b>800</b>	89.152	11.217	4135.4	7.7001	
111.28	8.9861	4188.0	7.8404	<b>820</b>	100.07	9.9929	4185.8	7.7902	<b>820</b>	90.898	11.001	4183.6	7.7446	
113.40	8.8186	4236.2	7.8841	<b>840</b>	101.98	9.8058	4234.1	7.8340	<b>840</b>	92.640	10.795	4232.0	7.7884	
115.51	8.6574	4284.6	7.9272	<b>860</b>	103.89	9.6259	4282.6	7.8771	<b>860</b>	94.378	10.596	4280.6	7.8317	
117.62	8.5023	4333.2	7.9698	<b>880</b>	105.79	9.4528	4331.3	7.9198	<b>880</b>	96.112	10.404	4329.4	7.8744	
119.72	8.3528	4382.1	8.0118	<b>900</b>	107.69	9.2861	4380.2	7.9618	<b>900</b>	97.844	10.220	4378.4	7.9166	
121.82	8.2087	4431.1	8.0533	<b>920</b>	109.58	9.1254	4429.4	8.0034	<b>920</b>	99.573	10.043	4427.7	7.9582	
123.92	8.0697	4480.5	8.0942	<b>940</b>	111.48	8.9703	4478.8	8.0445	<b>940</b>	101.30	9.8718	4477.1	7.9993	
126.02	7.9355	4530.0	8.1348	<b>960</b>	113.37	8.8207	4528.4	8.0850	<b>960</b>	103.02	9.7066	4526.8	8.0399	
128.11	7.8057	4579.8	8.1748	<b>980</b>	115.26	8.6761	4578.3	8.1251	<b>980</b>	104.74	9.5471	4576.7	8.0801	
130.20	7.6803	4629.8	8.2144	<b>1000</b>	117.15	8.5364	4628.3	8.1648	<b>1000</b>	106.46	9.3930	4626.9	8.1198	
140.64	7.1106	4883.2	8.4060	<b>1100</b>	126.55	7.9018	4882.0	8.3566	<b>1100</b>	115.03	8.6933	4880.9	8.3118	
151.03	6.6211	5142.2	8.5880	<b>1200</b>	135.92	7.3571	5141.2	8.5388	<b>1200</b>	123.56	8.0931	5140.3	8.4941	
161.40	6.1957	5406.4	8.7615	<b>1300</b>	145.27	6.8838	5405.7	8.7124	<b>1300</b>	132.07	7.5719	5404.9	8.6679	
171.75	5.8224	5675.6	8.9274	<b>1400</b>	154.59	6.4687	5675.0	8.8784	<b>1400</b>	140.55	7.1148	5674.4	8.8340	
182.08	5.4920	5949.4	9.0863	<b>1500</b>	163.90	6.1014	5948.9	9.0374	<b>1500</b>	149.02	6.7106	5948.4	8.9930	
192.40	5.1974	6227.5	9.2389	<b>1600</b>	173.19	5.7739	6227.1	9.1900	<b>1600</b>	157.47	6.3502	6226.7	9.1457	
213.01	4.6945	6795.0	9.5267	<b>1800</b>	191.75	5.2151	6794.8	9.4779	<b>1800</b>	174.36	5.7354	6794.5	9.4337	
233.60	4.2808	7375.9	9.7942	<b>2000</b>	210.29	4.7554	7375.8	9.7454	<b>2000</b>	191.21	5.2298	7375.7	9.7012	

**Table 3. Compressed Water and Superheated Steam (continued)**

6.0 MPa ( $t_s = 275.585\text{ °C}$ )				$t_s, \text{ °C}$	6.5 MPa ( $t_s = 280.858\text{ °C}$ )				$t_s, \text{ °C}$	7.0 MPa ( $t_s = 285.829\text{ °C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.319 26	758.00	1213.9	3.0278	$t_s(L)$	1.335 56	748.75	1241.4	3.0764	$t_s(L)$	1.351 86	739.72	1267.7	3.1224
32.448	30.818	2784.6	5.8901	$t_s(V)$	29.727	33.640	2778.9	5.8516	$t_s(V)$	27.378	36.525	2772.6	5.8148
0.997 18	1002.82	6.04	0.000 19	<b>0</b>	0.996 94	1003.07	6.55	0.000 21	<b>0</b>	0.996 69	1003.32	7.05	0.000 23
0.997 16	1002.85	26.97	0.076 11	<b>5</b>	0.996 92	1003.09	27.46	0.076 09	<b>5</b>	0.996 68	1003.33	27.96	0.076 07
0.997 50	1002.50	47.85	0.150 52	<b>10</b>	0.997 27	1002.74	48.34	0.150 47	<b>10</b>	0.997 03	1002.98	48.82	0.150 41
0.998 16	1001.84	68.71	0.223 53	<b>15</b>	0.997 93	1002.07	69.18	0.223 45	<b>15</b>	0.997 71	1002.30	69.66	0.223 36
0.999 11	1000.89	89.54	0.295 22	<b>20</b>	0.998 88	1001.12	90.01	0.295 11	<b>20</b>	0.998 66	1001.34	90.48	0.295 00
1.000 31	999.69	110.37	0.365 66	<b>25</b>	1.000 09	999.91	110.83	0.365 53	<b>25</b>	0.999 86	1000.14	111.29	0.365 40
1.001 74	998.26	131.19	0.434 92	<b>30</b>	1.001 52	998.48	131.64	0.434 76	<b>30</b>	1.001 30	998.70	132.10	0.434 61
1.003 39	996.62	152.01	0.503 04	<b>35</b>	1.003 17	996.84	152.46	0.502 86	<b>35</b>	1.002 95	997.06	152.91	0.502 69
1.005 24	994.79	172.84	0.570 07	<b>40</b>	1.005 02	995.01	173.28	0.569 88	<b>40</b>	1.004 80	995.22	173.72	0.569 68
1.007 28	992.78	193.66	0.636 06	<b>45</b>	1.007 06	992.99	194.10	0.635 85	<b>45</b>	1.006 84	993.21	194.54	0.635 63
1.009 50	990.59	214.50	0.701 04	<b>50</b>	1.009 28	990.81	214.93	0.700 81	<b>50</b>	1.009 06	991.02	215.36	0.700 58
1.011 89	988.25	235.34	0.765 05	<b>55</b>	1.011 67	988.47	235.77	0.764 80	<b>55</b>	1.011 45	988.68	236.19	0.764 56
1.014 45	985.76	256.20	0.828 12	<b>60</b>	1.014 22	985.97	256.62	0.827 86	<b>60</b>	1.014 00	986.19	257.04	0.827 60
1.017 17	983.12	277.07	0.890 29	<b>65</b>	1.016 94	983.34	277.48	0.890 01	<b>65</b>	1.016 72	983.56	277.89	0.889 73
1.020 04	980.35	297.95	0.951 59	<b>70</b>	1.019 82	980.57	298.35	0.951 29	<b>70</b>	1.019 59	980.79	298.76	0.951 00
1.023 07	977.45	318.84	1.0120	<b>75</b>	1.022 84	977.67	319.24	1.0117	<b>75</b>	1.022 62	977.88	319.65	1.0114
1.026 26	974.42	339.75	1.0717	<b>80</b>	1.026 02	974.64	340.15	1.0713	<b>80</b>	1.025 79	974.86	340.55	1.0710
1.029 59	971.26	360.68	1.1305	<b>85</b>	1.029 35	971.48	361.07	1.1302	<b>85</b>	1.029 12	971.71	361.47	1.1298
1.033 07	967.99	381.63	1.1886	<b>90</b>	1.032 83	968.21	382.02	1.1883	<b>90</b>	1.032 59	968.44	382.41	1.1879
1.036 70	964.60	402.60	1.2460	<b>95</b>	1.036 45	964.83	402.99	1.2456	<b>95</b>	1.036 21	965.05	403.37	1.2452
1.040 48	961.10	423.60	1.3026	<b>100</b>	1.040 23	961.33	423.98	1.3022	<b>100</b>	1.039 98	961.56	424.36	1.3019
1.044 41	957.48	444.63	1.3586	<b>105</b>	1.044 15	957.72	445.00	1.3582	<b>105</b>	1.043 90	957.95	445.37	1.3578
1.048 48	953.76	465.68	1.4139	<b>110</b>	1.048 22	954.00	466.05	1.4135	<b>110</b>	1.047 96	954.23	466.41	1.4131
1.052 71	949.93	486.77	1.4686	<b>115</b>	1.052 45	950.17	487.13	1.4682	<b>115</b>	1.052 18	950.41	487.49	1.4677
1.057 10	945.99	507.90	1.5227	<b>120</b>	1.056 82	946.23	508.25	1.5222	<b>120</b>	1.056 55	946.48	508.61	1.5218
1.061 64	941.94	529.06	1.5762	<b>125</b>	1.061 36	942.19	529.41	1.5757	<b>125</b>	1.061 08	942.44	529.76	1.5753
1.066 34	937.79	550.27	1.6291	<b>130</b>	1.066 05	938.04	550.61	1.6286	<b>130</b>	1.065 76	938.30	550.95	1.6282
1.071 20	933.53	571.53	1.6815	<b>135</b>	1.070 91	933.79	571.86	1.6810	<b>135</b>	1.070 61	934.05	572.19	1.6805
1.076 24	929.16	592.83	1.7334	<b>140</b>	1.075 93	929.43	593.16	1.7329	<b>140</b>	1.075 62	929.69	593.48	1.7324
1.081 44	924.69	614.19	1.7848	<b>145</b>	1.081 12	924.96	614.51	1.7842	<b>145</b>	1.080 81	925.24	614.83	1.7837
1.086 82	920.11	635.61	1.8357	<b>150</b>	1.086 49	920.39	635.92	1.8351	<b>150</b>	1.086 17	920.67	636.23	1.8346
1.092 39	915.43	657.09	1.8862	<b>155</b>	1.092 05	915.71	657.39	1.8856	<b>155</b>	1.091 71	916.00	657.69	1.8850
1.098 14	910.63	678.63	1.9362	<b>160</b>	1.097 79	910.92	678.93	1.9356	<b>160</b>	1.097 44	911.21	679.22	1.9350
1.104 09	905.72	700.25	1.9858	<b>165</b>	1.103 73	906.02	700.54	1.9852	<b>165</b>	1.103 36	906.32	700.83	1.9846
1.110 25	900.70	721.95	2.0351	<b>170</b>	1.109 87	901.01	722.23	2.0344	<b>170</b>	1.109 49	901.31	722.51	2.0338
1.116 62	895.56	743.73	2.0839	<b>175</b>	1.116 23	895.88	744.00	2.0833	<b>175</b>	1.115 83	896.19	744.27	2.0826
1.123 21	890.30	765.60	2.1325	<b>180</b>	1.122 80	890.63	765.86	2.1318	<b>180</b>	1.122 39	890.95	766.11	2.1311
1.130 04	884.92	787.56	2.1807	<b>185</b>	1.129 62	885.26	787.81	2.1800	<b>185</b>	1.129 19	885.59	788.06	2.1793
1.137 12	879.41	809.63	2.2286	<b>190</b>	1.136 67	879.76	809.86	2.2278	<b>190</b>	1.136 23	880.11	810.10	2.2271
1.144 46	873.78	831.80	2.2762	<b>195</b>	1.143 99	874.13	832.03	2.2754	<b>195</b>	1.143 52	874.49	832.25	2.2747
1.152 07	868.00	854.09	2.3235	<b>200</b>	1.151 58	868.37	854.30	2.3228	<b>200</b>	1.151 09	868.74	854.51	2.3220
1.168 18	856.03	899.06	2.4176	<b>210</b>	1.167 64	856.43	899.24	2.4168	<b>210</b>	1.167 10	856.82	899.42	2.4159
1.185 62	843.44	944.61	2.5109	<b>220</b>	1.185 01	843.87	944.75	2.5100	<b>220</b>	1.184 41	844.30	944.90	2.5091
1.204 57	830.17	990.82	2.6037	<b>230</b>	1.203 89	830.64	990.93	2.6027	<b>230</b>	1.203 21	831.11	991.04	2.6017
1.225 28	816.14	1037.8	2.6961	<b>240</b>	1.224 51	816.65	1037.9	2.6951	<b>240</b>	1.223 74	817.16	1037.9	2.6940
1.248 07	801.23	1085.7	2.7886	<b>250</b>	1.247 19	801.80	1085.7	2.7874	<b>250</b>	1.246 31	802.37	1085.7	2.7862
1.273 37	785.32	1134.7	2.8814	<b>260</b>	1.272 34	785.95	1134.7	2.8801	<b>260</b>	1.271 31	786.59	1134.6	2.8788
1.301 77	768.19	1185.1	2.9750	<b>270</b>	1.300 54	768.91	1184.9	2.9735	<b>270</b>	1.299 32	769.63	1184.8	2.9720
33.199	30.121	2805.3	5.9277	<b>280</b>	1.332 60	750.41	1236.8	3.0682	<b>280</b>	1.331 12	751.25	1236.6	3.0665
34.762	28.767	2847.5	6.0034	<b>290</b>	31.180	32.072	2822.0	5.9289	<b>290</b>	28.043	35.659	2794.1	5.8529

**Table 3. Compressed Water and Superheated Steam (continued)**

6.0 MPa ( $t_s = 275.585$ °C)					$t, ^\circ\text{C}$	6.5 MPa ( $t_s = 280.858$ °C)					$t, ^\circ\text{C}$	7.0 MPa ( $t_s = 285.829$ °C)				
$v$	$\rho$	$h$	$s$	$t, ^\circ\text{C}$		$v$	$\rho$	$h$	$s$	$t, ^\circ\text{C}$		$v$	$\rho$	$h$	$s$	$t, ^\circ\text{C}$
36.189	27.632	2885.5	6.0703	<b>300</b>	32.607	30.668	2863.5	6.0019	<b>300</b>	29.492	33.907	2839.9	5.9337	<b>300</b>		
37.521	26.652	2920.6	6.1310	<b>310</b>	33.920	29.481	2901.2	6.0671	<b>310</b>	30.801	32.466	2880.6	6.0041	<b>310</b>		
38.780	25.786	2953.6	6.1871	<b>320</b>	35.149	28.450	2936.2	6.1266	<b>320</b>	32.012	31.238	2917.9	6.0675	<b>320</b>		
39.981	25.012	2984.9	6.2395	<b>330</b>	36.313	27.538	2969.1	6.1817	<b>330</b>	33.149	30.166	2952.7	6.1257	<b>330</b>		
41.135	24.310	3014.9	6.2888	<b>340</b>	37.425	26.720	3000.5	6.2333	<b>340</b>	34.229	29.215	2985.6	6.1797	<b>340</b>		
42.251	23.668	3043.9	6.3357	<b>350</b>	38.494	25.978	3030.6	6.2820	<b>350</b>	35.262	28.359	3016.9	6.2304	<b>350</b>		
43.333	23.077	3072.0	6.3804	<b>360</b>	39.528	25.298	3059.7	6.3283	<b>360</b>	36.257	27.581	3047.0	6.2784	<b>360</b>		
44.388	22.529	3099.4	6.4233	<b>370</b>	40.532	24.672	3087.9	6.3725	<b>370</b>	37.219	26.868	3076.2	6.3241	<b>370</b>		
45.418	22.018	3126.1	6.4646	<b>380</b>	41.511	24.090	3115.4	6.4150	<b>380</b>	38.155	26.209	3104.5	6.3677	<b>380</b>		
46.428	21.539	3152.4	6.5045	<b>390</b>	42.467	23.547	3142.4	6.4559	<b>390</b>	39.067	25.597	3132.1	6.4097	<b>390</b>		
47.419	21.088	3178.2	6.5432	<b>400</b>	43.404	23.039	3168.8	6.4954	<b>400</b>	39.958	25.026	3159.2	6.4502	<b>400</b>		
48.395	20.663	3203.7	6.5807	<b>410</b>	44.325	22.561	3194.8	6.5338	<b>410</b>	40.832	24.491	3185.7	6.4894	<b>410</b>		
49.355	20.261	3228.9	6.6173	<b>420</b>	45.230	22.109	3220.4	6.5710	<b>420</b>	41.690	23.987	3211.8	6.5273	<b>420</b>		
50.303	19.879	3253.8	6.6530	<b>430</b>	46.122	21.682	3245.8	6.6073	<b>430</b>	42.534	23.510	3237.6	6.5643	<b>430</b>		
51.240	19.516	3278.4	6.6878	<b>440</b>	47.002	21.276	3270.8	6.6427	<b>440</b>	43.366	23.060	3263.1	6.6002	<b>440</b>		
52.166	19.170	3302.9	6.7219	<b>450</b>	47.871	20.890	3295.6	6.6773	<b>450</b>	44.187	22.631	3288.3	6.6353	<b>450</b>		
53.083	18.839	3327.2	6.7552	<b>460</b>	48.730	20.521	3320.3	6.7111	<b>460</b>	44.997	22.224	3313.3	6.6696	<b>460</b>		
53.991	18.522	3351.4	6.7880	<b>470</b>	49.581	20.169	3344.7	6.7442	<b>470</b>	45.799	21.835	3338.0	6.7032	<b>470</b>		
54.891	18.218	3375.4	6.8201	<b>480</b>	50.423	19.832	3369.0	6.7767	<b>480</b>	46.592	21.463	3362.6	6.7360	<b>480</b>		
55.784	17.926	3399.3	6.8516	<b>490</b>	51.259	19.509	3393.2	6.8086	<b>490</b>	47.378	21.107	3387.1	6.7683	<b>490</b>		
56.671	17.646	3423.1	6.8826	<b>500</b>	52.087	19.199	3417.3	6.8399	<b>500</b>	48.157	20.765	3411.4	6.8000	<b>500</b>		
58.426	17.116	3470.5	6.9432	<b>520</b>	53.726	18.613	3465.1	6.9011	<b>520</b>	49.696	20.122	3459.7	6.8617	<b>520</b>		
60.161	16.622	3517.7	7.0020	<b>540</b>	55.344	18.069	3512.7	6.9603	<b>540</b>	51.214	19.526	3507.7	6.9214	<b>540</b>		
61.877	16.161	3564.8	7.0591	<b>560</b>	56.943	17.561	3560.2	7.0179	<b>560</b>	52.713	18.971	3555.5	6.9794	<b>560</b>		
63.578	15.729	3611.8	7.1149	<b>580</b>	58.526	17.086	3607.4	7.0740	<b>580</b>	54.196	18.452	3603.1	7.0359	<b>580</b>		
65.265	15.322	3658.7	7.1693	<b>600</b>	60.096	16.640	3654.7	7.1288	<b>600</b>	55.665	17.965	3650.6	7.0910	<b>600</b>		
66.941	14.939	3705.7	7.2224	<b>620</b>	61.653	16.220	3701.9	7.1822	<b>620</b>	57.121	17.507	3698.1	7.1447	<b>620</b>		
68.605	14.576	3752.7	7.2745	<b>640</b>	63.200	15.823	3749.1	7.2345	<b>640</b>	58.567	17.074	3745.5	7.1973	<b>640</b>		
70.260	14.233	3799.8	7.3255	<b>660</b>	64.737	15.447	3796.4	7.2858	<b>660</b>	60.003	16.666	3793.0	7.2487	<b>660</b>		
71.907	13.907	3847.0	7.3755	<b>680</b>	66.266	15.091	3843.8	7.3360	<b>680</b>	61.431	16.279	3840.6	7.2992	<b>680</b>		
73.545	13.597	3894.3	7.4246	<b>700</b>	67.786	14.752	3891.3	7.3853	<b>700</b>	62.850	15.911	3888.2	7.3486	<b>700</b>		
75.177	13.302	3941.7	7.4729	<b>720</b>	69.300	14.430	3938.9	7.4337	<b>720</b>	64.263	15.561	3936.0	7.3972	<b>720</b>		
76.803	13.020	3989.3	7.5203	<b>740</b>	70.808	14.123	3986.6	7.4813	<b>740</b>	65.669	15.228	3983.9	7.4450	<b>740</b>		
78.423	12.751	4037.0	7.5670	<b>760</b>	72.310	13.829	4034.5	7.5281	<b>760</b>	67.070	14.910	4031.9	7.4919	<b>760</b>		
80.038	12.494	4085.0	7.6129	<b>780</b>	73.806	13.549	4082.5	7.5741	<b>780</b>	68.465	14.606	4080.1	7.5381	<b>780</b>		
81.648	12.248	4133.1	7.6582	<b>800</b>	75.298	13.281	4130.8	7.6195	<b>800</b>	69.855	14.315	4128.4	7.5836	<b>800</b>		
83.254	12.011	4181.4	7.7028	<b>820</b>	76.786	13.023	4179.2	7.6642	<b>820</b>	71.242	14.037	4177.0	7.6284	<b>820</b>		
84.856	11.785	4229.9	7.7467	<b>840</b>	78.269	12.776	4227.8	7.7083	<b>840</b>	72.624	13.770	4225.7	7.6725	<b>840</b>		
86.454	11.567	4278.6	7.7901	<b>860</b>	79.749	12.539	4276.6	7.7517	<b>860</b>	74.003	13.513	4274.6	7.7160	<b>860</b>		
88.049	11.357	4327.5	7.8329	<b>880</b>	81.226	12.311	4325.6	7.7946	<b>880</b>	75.378	13.267	4323.7	7.7590	<b>880</b>		
89.641	11.156	4376.6	7.8751	<b>900</b>	82.699	12.092	4374.8	7.8369	<b>900</b>	76.750	13.029	4373.0	7.8014	<b>900</b>		
91.230	10.961	4425.9	7.9168	<b>920</b>	84.170	11.881	4424.2	7.8786	<b>920</b>	78.119	12.801	4422.4	7.8432	<b>920</b>		
92.816	10.774	4475.5	7.9580	<b>940</b>	85.638	11.677	4473.8	7.9199	<b>940</b>	79.485	12.581	4472.1	7.8845	<b>940</b>		
94.400	10.593	4525.2	7.9987	<b>960</b>	87.103	11.481	4523.6	7.9606	<b>960</b>	80.849	12.369	4522.1	7.9253	<b>960</b>		
95.981	10.419	4575.2	8.0389	<b>980</b>	88.566	11.291	4573.7	8.0009	<b>980</b>	82.211	12.164	4572.2	7.9656	<b>980</b>		
97.560	10.250	4625.4	8.0786	<b>1000</b>	90.027	11.108	4624.0	8.0407	<b>1000</b>	83.571	11.966	4622.5	8.0055	<b>1000</b>		
105.43	9.4850	4879.7	8.2709	<b>1100</b>	97.305	10.277	4878.5	8.2331	<b>1100</b>	90.341	11.069	4877.3	8.1981	<b>1100</b>		
113.26	8.8291	5139.3	8.4534	<b>1200</b>	104.55	9.5652	5138.4	8.4158	<b>1200</b>	97.074	10.301	5137.4	8.3810	<b>1200</b>		
121.07	8.2599	5404.1	8.6272	<b>1300</b>	111.76	8.9478	5403.3	8.5898	<b>1300</b>	103.78	9.6357	5402.6	8.5551	<b>1300</b>		
128.85	7.7609	5673.7	8.7934	<b>1400</b>	118.95	8.4068	5673.1	8.7560	<b>1400</b>	110.47	9.0525	5672.5	8.7214	<b>1400</b>		
136.62	7.3196	5947.9	8.9525	<b>1500</b>	126.13	7.9284	5947.4	8.9152	<b>1500</b>	117.14	8.5371	5946.9	8.8807	<b>1500</b>		
144.38	6.9264	6226.3	9.1052	<b>1600</b>	133.29	7.5023	6225.9	9.0680	<b>1600</b>	123.79	8.0780	6225.5	9.0335	<b>1600</b>		
159.86	6.2555	6794.3	9.3933	<b>1800</b>	147.59	6.7754	6794.1	9.3562	<b>1800</b>	137.08	7.2951	6793.8	9.3217	<b>1800</b>		
175.32	5.7040	7375.6	9.6609	<b>2000</b>	161.87	6.1779	7375.4	9.6238	<b>2000</b>	150.34	6.6517	7375.3	9.5895	<b>2000</b>		

**Table 3. Compressed Water and Superheated Steam (continued)**

7.5 MPa ( $t_s = 290.535$ °C)				$t_s$ , °C	8.0 MPa ( $t_s = 295.008$ °C)				$t_s$ , °C	9.0 MPa ( $t_s = 303.345$ °C)			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.368 21	730.88	1292.9	3.1662	$t_s(L)$	1.384 67	722.20	1317.3	3.2081	$t_s(L)$	1.418 11	705.16	1363.9	3.2870
25.330	39.479	2765.9	5.7793	$t_s(V)$	23.526	42.507	2758.7	5.7450	$t_s(V)$	20.490	48.804	2742.9	5.6791
0.996 44	1003.57	7.56	0.000 25	<b>0</b>	0.996 19	1003.82	8.06	0.000 27	<b>0</b>	0.995 69	1004.32	9.06	0.000 31
0.996 44	1003.57	28.45	0.076 05	<b>5</b>	0.996 20	1003.82	28.94	0.076 03	<b>5</b>	0.995 72	1004.30	29.93	0.075 99
0.996 80	1003.21	49.30	0.150 36	<b>10</b>	0.996 57	1003.45	49.79	0.150 31	<b>10</b>	0.996 10	1003.91	50.75	0.150 20
0.997 48	1002.53	70.13	0.223 28	<b>15</b>	0.997 25	1002.76	70.61	0.223 20	<b>15</b>	0.996 79	1003.22	71.56	0.223 03
0.998 43	1001.57	90.95	0.294 89	<b>20</b>	0.998 21	1001.80	91.41	0.294 78	<b>20</b>	0.997 76	1002.25	92.35	0.294 57
0.999 64	1000.36	111.75	0.365 26	<b>25</b>	0.999 42	1000.58	112.21	0.365 13	<b>25</b>	0.998 98	1001.02	113.13	0.364 86
1.001 08	998.92	132.55	0.434 45	<b>30</b>	1.000 86	999.14	133.01	0.434 30	<b>30</b>	1.000 42	999.58	133.91	0.433 99
1.002 73	997.28	153.35	0.502 51	<b>35</b>	1.002 51	997.49	153.80	0.502 34	<b>35</b>	1.002 08	997.93	154.70	0.501 99
1.004 58	995.44	174.16	0.569 49	<b>40</b>	1.004 37	995.65	174.60	0.569 29	<b>40</b>	1.003 93	996.08	175.48	0.568 90
1.006 62	993.42	194.97	0.635 42	<b>45</b>	1.006 40	993.64	195.41	0.635 21	<b>45</b>	1.005 97	994.07	196.28	0.634 78
1.008 84	991.24	215.79	0.700 35	<b>50</b>	1.008 62	991.45	216.22	0.700 12	<b>50</b>	1.008 19	991.88	217.08	0.699 66
1.011 23	988.90	236.62	0.764 31	<b>55</b>	1.011 01	989.11	237.04	0.764 06	<b>55</b>	1.010 57	989.54	237.89	0.763 57
1.013 78	986.41	257.46	0.827 33	<b>60</b>	1.013 56	986.62	257.88	0.827 07	<b>60</b>	1.013 12	987.05	258.71	0.826 54
1.016 50	983.77	278.31	0.889 45	<b>65</b>	1.016 27	983.99	278.72	0.889 17	<b>65</b>	1.015 83	984.42	279.55	0.888 62
1.019 37	981.00	299.17	0.950 70	<b>70</b>	1.019 14	981.22	299.58	0.950 41	<b>70</b>	1.018 69	981.65	300.40	0.949 82
1.022 39	978.10	320.05	1.0111	<b>75</b>	1.022 16	978.32	320.45	1.0108	<b>75</b>	1.021 70	978.76	321.26	1.0102
1.025 56	975.08	340.95	1.0707	<b>80</b>	1.025 33	975.30	341.34	1.0704	<b>80</b>	1.024 87	975.74	342.14	1.0697
1.028 88	971.93	361.86	1.1295	<b>85</b>	1.028 65	972.15	362.25	1.1292	<b>85</b>	1.028 18	972.59	363.04	1.1285
1.032 35	968.66	382.79	1.1876	<b>90</b>	1.032 11	968.89	383.18	1.1872	<b>90</b>	1.031 63	969.34	383.96	1.1865
1.035 97	965.28	403.75	1.2449	<b>95</b>	1.035 72	965.51	404.13	1.2445	<b>95</b>	1.035 24	965.96	404.90	1.2438
1.039 73	961.79	424.73	1.3015	<b>100</b>	1.039 48	962.02	425.11	1.3011	<b>100</b>	1.038 99	962.48	425.86	1.3003
1.043 64	958.18	445.74	1.3574	<b>105</b>	1.043 39	958.42	446.11	1.3570	<b>105</b>	1.042 88	958.88	446.85	1.3562
1.047 70	954.47	466.78	1.4127	<b>110</b>	1.047 44	954.71	467.15	1.4123	<b>110</b>	1.046 93	955.18	467.88	1.4114
1.051 91	950.65	487.85	1.4673	<b>115</b>	1.051 65	950.89	488.21	1.4669	<b>115</b>	1.051 12	951.37	488.93	1.4660
1.056 28	946.72	508.96	1.5213	<b>120</b>	1.056 00	946.97	509.31	1.5209	<b>120</b>	1.055 46	947.45	510.02	1.5200
1.060 80	942.69	530.11	1.5748	<b>125</b>	1.060 52	942.94	530.45	1.5743	<b>125</b>	1.059 96	943.43	531.15	1.5734
1.065 47	938.55	551.29	1.6277	<b>130</b>	1.065 19	938.80	551.63	1.6272	<b>130</b>	1.064 61	939.31	552.32	1.6263
1.070 31	934.31	572.53	1.6800	<b>135</b>	1.070 02	934.57	572.86	1.6795	<b>135</b>	1.069 42	935.08	573.53	1.6786
1.075 32	929.96	593.81	1.7319	<b>140</b>	1.075 01	930.22	594.14	1.7313	<b>140</b>	1.074 40	930.75	594.79	1.7303
1.080 49	925.51	615.15	1.7832	<b>145</b>	1.080 17	925.78	615.47	1.7827	<b>145</b>	1.079 55	926.31	616.11	1.7816
1.085 84	920.95	636.54	1.8341	<b>150</b>	1.085 51	921.22	636.86	1.8335	<b>150</b>	1.084 87	921.77	637.48	1.8324
1.091 37	916.28	658.00	1.8845	<b>155</b>	1.091 03	916.56	658.30	1.8839	<b>155</b>	1.090 36	917.13	658.92	1.8828
1.097 09	911.50	679.52	1.9344	<b>160</b>	1.096 74	911.79	679.82	1.9339	<b>160</b>	1.096 04	912.37	680.41	1.9327
1.103 00	906.62	701.11	1.9840	<b>165</b>	1.102 64	906.92	701.40	1.9834	<b>165</b>	1.101 92	907.51	701.98	1.9822
1.109 11	901.62	722.78	2.0332	<b>170</b>	1.108 74	901.93	723.06	2.0326	<b>170</b>	1.107 99	902.53	723.62	2.0313
1.115 44	896.51	744.54	2.0820	<b>175</b>	1.115 05	896.82	744.80	2.0813	<b>175</b>	1.114 27	897.45	745.35	2.0801
1.121 99	891.28	766.37	2.1304	<b>180</b>	1.121 58	891.60	766.63	2.1298	<b>180</b>	1.120 77	892.24	767.15	2.1285
1.128 76	885.93	788.30	2.1786	<b>185</b>	1.128 34	886.26	788.55	2.1779	<b>185</b>	1.127 49	886.92	789.05	2.1765
1.135 78	880.45	810.34	2.2264	<b>190</b>	1.135 34	880.79	810.57	2.2257	<b>190</b>	1.134 46	881.48	811.05	2.2243
1.143 06	874.85	832.47	2.2739	<b>195</b>	1.142 59	875.20	832.70	2.2732	<b>195</b>	1.141 67	875.91	833.15	2.2717
1.150 60	869.11	854.73	2.3212	<b>200</b>	1.150 11	869.48	854.94	2.3205	<b>200</b>	1.149 15	870.21	855.37	2.3189
1.166 56	857.22	899.61	2.4151	<b>210</b>	1.166 03	857.61	899.79	2.4143	<b>210</b>	1.164 96	858.40	900.16	2.4126
1.183 81	844.73	945.05	2.5082	<b>220</b>	1.183 22	845.15	945.20	2.5073	<b>220</b>	1.182 03	846.00	945.50	2.5055
1.202 54	831.57	991.14	2.6007	<b>230</b>	1.201 87	832.03	991.25	2.5997	<b>230</b>	1.200 55	832.95	991.48	2.5978
1.222 98	817.67	1038.0	2.6929	<b>240</b>	1.222 22	818.18	1038.1	2.6919	<b>240</b>	1.220 72	819.19	1038.2	2.6897
1.245 43	802.93	1085.7	2.7851	<b>250</b>	1.244 57	803.49	1085.7	2.7839	<b>250</b>	1.242 85	804.60	1085.8	2.7815
1.270 30	787.22	1134.5	2.8775	<b>260</b>	1.269 29	787.84	1134.5	2.8761	<b>260</b>	1.267 30	789.08	1134.4	2.8736
1.298 12	770.35	1184.6	2.9705	<b>270</b>	1.296 93	771.05	1184.5	2.9690	<b>270</b>	1.294 58	772.45	1184.2	2.9661
1.329 67	752.07	1236.3	3.0648	<b>280</b>	1.328 23	752.88	1236.0	3.0631	<b>280</b>	1.325 40	754.49	1235.5	3.0598
1.366 09	732.02	1290.0	3.1610	<b>290</b>	1.364 30	732.98	1289.6	3.1590	<b>290</b>	1.360 80	734.86	1288.8	3.1552

**Table 3. Compressed Water and Superheated Steam (continued)**

7.5 MPa ( $t_s = 290.535\text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	8.0 MPa ( $t_s = 295.008\text{ }^\circ\text{C}$ )					$t, \text{ }^\circ\text{C}$	9.0 MPa ( $t_s = 303.345\text{ }^\circ\text{C}$ )				
$v$	$\rho$	$h$	$s$			$v$	$\rho$	$h$	$s$			$v$	$\rho$	$h$	$s$	
26.742	37.394	2814.4	5.8646	<b>300</b>	24.279	41.188	2786.5	5.7937	<b>300</b>	1.402 39	713.07	1344.5	3.2533			
28.063	35.634	2858.8	5.9414	<b>310</b>	25.630	39.016	2835.4	5.8783	<b>310</b>	21.448	46.625	2782.7	5.7478			
29.268	34.167	2898.7	6.0093	<b>320</b>	26.840	37.258	2878.4	5.9515	<b>320</b>	22.708	44.036	2834.0	5.8350			
30.388	32.907	2935.5	6.0709	<b>330</b>	27.952	35.775	2917.6	6.0170	<b>330</b>	23.831	41.962	2879.0	5.9101			
31.444	31.802	2970.1	6.1277	<b>340</b>	28.992	34.493	2953.9	6.0768	<b>340</b>	24.859	40.228	2919.7	5.9771			
32.449	30.818	3002.8	6.1806	<b>350</b>	29.975	33.361	2988.1	6.1321	<b>350</b>	25.816	38.736	2957.3	6.0380			
33.412	29.930	3034.0	6.2304	<b>360</b>	30.912	32.350	3020.6	6.1838	<b>360</b>	26.718	37.428	2992.6	6.0942			
34.340	29.121	3064.1	6.2776	<b>370</b>	31.812	31.434	3051.8	6.2327	<b>370</b>	27.577	36.263	3026.1	6.1467			
35.239	28.378	3093.3	6.3225	<b>380</b>	32.681	30.599	3081.8	6.2790	<b>380</b>	28.399	35.212	3058.1	6.1961			
36.113	27.691	3121.7	6.3656	<b>390</b>	33.524	29.830	3111.0	6.3233	<b>390</b>	29.192	34.256	3089.0	6.2429			
36.966	27.052	3149.4	6.4071	<b>400</b>	34.344	29.117	3139.4	6.3658	<b>400</b>	29.960	33.378	3118.8	6.2876			
37.801	26.455	3176.5	6.4471	<b>410</b>	35.144	28.454	3167.1	6.4067	<b>410</b>	30.706	32.567	3147.9	6.3304			
38.619	25.894	3203.1	6.4858	<b>420</b>	35.928	27.834	3194.3	6.4462	<b>420</b>	31.433	31.813	3176.2	6.3716			
39.422	25.367	3229.4	6.5234	<b>430</b>	36.696	27.251	3221.0	6.4845	<b>430</b>	32.144	31.110	3203.9	6.4114			
40.212	24.868	3255.3	6.5600	<b>440</b>	37.451	26.702	3247.3	6.5217	<b>440</b>	32.841	30.450	3231.2	6.4499			
40.992	24.395	3280.9	6.5956	<b>450</b>	38.194	26.182	3273.3	6.5579	<b>450</b>	33.524	29.829	3258.0	6.4872			
41.760	23.946	3306.2	6.6304	<b>460</b>	38.926	25.690	3299.0	6.5931	<b>460</b>	34.197	29.243	3284.5	6.5235			
42.520	23.519	3331.3	6.6644	<b>470</b>	39.648	25.222	3324.4	6.6276	<b>470</b>	34.859	28.687	3310.6	6.5589			
43.270	23.110	3356.2	6.6977	<b>480</b>	40.362	24.776	3349.6	6.6613	<b>480</b>	35.512	28.160	3336.4	6.5935			
44.014	22.720	3380.9	6.7303	<b>490</b>	41.068	24.350	3374.7	6.6942	<b>490</b>	36.156	27.658	3362.0	6.6272			
44.750	22.347	3405.5	6.7623	<b>500</b>	41.767	23.942	3399.5	6.7266	<b>500</b>	36.793	27.179	3387.4	6.6603			
46.203	21.644	3454.2	6.8246	<b>520</b>	43.145	23.177	3448.7	6.7895	<b>520</b>	38.047	26.283	3437.6	6.7244			
47.634	20.993	3502.6	6.8848	<b>540</b>	44.501	22.471	3497.6	6.8503	<b>540</b>	39.278	25.460	3487.3	6.7862			
49.046	20.389	3550.8	6.9433	<b>560</b>	45.838	21.816	3546.0	6.9092	<b>560</b>	40.488	24.698	3536.5	6.8461			
50.442	19.825	3598.7	7.0001	<b>580</b>	47.158	21.205	3594.3	6.9664	<b>580</b>	41.682	23.991	3585.4	6.9041			
51.824	19.296	3646.5	7.0555	<b>600</b>	48.463	20.634	3642.4	7.0221	<b>600</b>	42.861	23.331	3634.1	6.9605			
53.193	18.799	3694.2	7.1096	<b>620</b>	49.756	20.098	3690.4	7.0764	<b>620</b>	44.027	22.713	3682.6	7.0154			
54.552	18.331	3741.9	7.1624	<b>640</b>	51.038	19.593	3738.3	7.1295	<b>640</b>	45.181	22.133	3731.0	7.0690			
55.900	17.889	3789.6	7.2141	<b>660</b>	52.310	19.117	3786.2	7.1814	<b>660</b>	46.326	21.586	3779.4	7.1214			
57.240	17.470	3837.4	7.2647	<b>680</b>	53.573	18.666	3834.2	7.2323	<b>680</b>	47.461	21.070	3827.7	7.1726			
58.572	17.073	3885.2	7.3144	<b>700</b>	54.828	18.239	3882.2	7.2821	<b>700</b>	48.589	20.581	3876.1	7.2229			
59.897	16.695	3933.1	7.3631	<b>720</b>	56.077	17.833	3930.3	7.3310	<b>720</b>	49.709	20.117	3924.5	7.2721			
61.215	16.336	3981.2	7.4110	<b>740</b>	57.318	17.446	3978.5	7.3791	<b>740</b>	50.823	19.676	3973.0	7.3205			
62.528	15.993	4029.3	7.4581	<b>760</b>	58.554	17.078	4026.8	7.4263	<b>760</b>	51.931	19.256	4021.6	7.3680			
63.836	15.665	4077.7	7.5044	<b>780</b>	59.785	16.727	4075.2	7.4727	<b>780</b>	53.034	18.856	4070.3	7.4147			
65.138	15.352	4126.1	7.5500	<b>800</b>	61.011	16.390	4123.8	7.5184	<b>800</b>	54.132	18.473	4119.1	7.4606			
66.437	15.052	4174.8	7.5949	<b>820</b>	62.233	16.069	4172.5	7.5635	<b>820</b>	55.226	18.108	4168.1	7.5058			
67.731	14.764	4223.6	7.6391	<b>840</b>	63.450	15.760	4221.5	7.6078	<b>840</b>	56.315	17.757	4217.3	7.5503			
69.022	14.488	4272.6	7.6828	<b>860</b>	64.664	15.465	4270.6	7.6515	<b>860</b>	57.401	17.421	4266.5	7.5942			
70.309	14.223	4321.7	7.7258	<b>880</b>	65.874	15.180	4319.8	7.6946	<b>880</b>	58.483	17.099	4316.0	7.6375			
71.593	13.968	4371.1	7.7682	<b>900</b>	67.082	14.907	4369.3	7.7371	<b>900</b>	59.562	16.789	4365.7	7.6802			
72.875	13.722	4420.7	7.8101	<b>920</b>	68.286	14.644	4419.0	7.7791	<b>920</b>	60.639	16.491	4415.5	7.7223			
74.153	13.486	4470.5	7.8515	<b>940</b>	69.488	14.391	4468.8	7.8206	<b>940</b>	61.712	16.204	4465.5	7.7639			
75.430	13.257	4520.5	7.8924	<b>960</b>	70.687	14.147	4518.9	7.8615	<b>960</b>	62.783	15.928	4515.7	7.8049			
76.703	13.037	4570.7	7.9327	<b>980</b>	71.884	13.911	4569.1	7.9019	<b>980</b>	63.852	15.661	4566.1	7.8454			
77.975	12.825	4621.1	7.9726	<b>1000</b>	73.079	13.684	4619.6	7.9419	<b>1000</b>	64.918	15.404	4616.7	7.8855			
84.306	11.862	4876.2	8.1655	<b>1100</b>	79.025	12.654	4875.0	8.1350	<b>1100</b>	70.224	14.240	4872.7	8.0790			
90.600	11.038	5136.5	8.3485	<b>1200</b>	84.934	11.774	5135.5	8.3181	<b>1200</b>	75.492	13.246	5133.6	8.2625			
96.866	10.323	5401.8	8.5227	<b>1300</b>	90.816	11.011	5401.0	8.4924	<b>1300</b>	80.733	12.387	5399.5	8.4370			
103.11	9.6981	5671.9	8.6891	<b>1400</b>	96.678	10.344	5671.2	8.6589	<b>1400</b>	85.954	11.634	5670.0	8.6037			
109.34	9.1456	5946.4	8.8485	<b>1500</b>	102.52	9.7539	5945.9	8.8184	<b>1500</b>	91.158	10.970	5944.9	8.7633			
115.56	8.6535	6225.1	9.0014	<b>1600</b>	108.36	9.2288	6224.7	8.9713	<b>1600</b>	96.350	10.379	6223.9	8.9163			
127.97	7.8145	6793.6	9.2897	<b>1800</b>	119.99	8.3338	6793.4	9.2597	<b>1800</b>	106.71	9.3716	6792.9	9.2049			
140.35	7.1252	7375.2	9.5575	<b>2000</b>	131.60	7.5986	7375.1	9.5275	<b>2000</b>	117.03	8.5446	7374.9	9.4729			

**Table 3. Compressed Water and Superheated Steam (continued)**

10 MPa ( $t_s = 310.997\text{ °C}$ )				$t_s, \text{ °C}$	11 MPa ( $t_s = 318.079\text{ °C}$ )				$t_s, \text{ °C}$	12 MPa ( $t_s = 324.675\text{ °C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.452 59	688.42	1408.1	3.3606	$t_s(L)$	1.488 51	671.81	1450.4	3.4303	$t_s(L)$	1.526 30	655.18	1491.5	3.4967
18.030	55.463	2725.5	5.6160	$t_s(V)$	15.990	62.541	2706.3	5.5545	$t_s(V)$	14.264	70.106	2685.4	5.4939
0.995 20	1004.82	10.07	0.000 34	<b>0</b>	0.994 71	1005.32	11.07	0.000 37	<b>0</b>	0.994 22	1005.81	12.07	0.000 39
0.995 24	1004.78	30.91	0.075 95	<b>5</b>	0.994 77	1005.26	31.89	0.075 90	<b>5</b>	0.994 29	1005.74	32.87	0.075 85
0.995 64	1004.38	51.72	0.150 09	<b>10</b>	0.995 17	1004.85	52.68	0.149 98	<b>10</b>	0.994 71	1005.32	53.64	0.149 87
0.996 34	1003.68	72.51	0.222 87	<b>15</b>	0.995 88	1004.13	73.45	0.222 70	<b>15</b>	0.995 43	1004.59	74.40	0.222 52
0.997 31	1002.69	93.28	0.294 35	<b>20</b>	0.996 87	1003.14	94.21	0.294 12	<b>20</b>	0.996 42	1003.59	95.14	0.293 90
0.998 54	1001.47	114.05	0.364 60	<b>25</b>	0.998 10	1001.91	114.97	0.364 33	<b>25</b>	0.997 66	1002.35	115.89	0.364 06
0.999 98	1000.02	134.82	0.433 68	<b>30</b>	0.999 55	1000.45	135.72	0.433 37	<b>30</b>	0.999 11	1000.89	136.63	0.433 05
1.001 64	998.36	155.59	0.501 63	<b>35</b>	1.001 21	998.79	156.48	0.501 28	<b>35</b>	1.000 78	999.22	157.37	0.500 93
1.003 50	996.52	176.36	0.568 51	<b>40</b>	1.003 06	996.94	177.25	0.568 12	<b>40</b>	1.002 63	997.37	178.13	0.567 73
1.005 54	994.49	197.15	0.634 36	<b>45</b>	1.005 10	994.92	198.02	0.633 93	<b>45</b>	1.004 67	995.35	198.89	0.633 50
1.007 75	992.31	217.94	0.699 20	<b>50</b>	1.007 32	992.73	218.80	0.698 74	<b>50</b>	1.006 89	993.16	219.66	0.698 28
1.010 14	989.97	238.74	0.763 07	<b>55</b>	1.009 70	990.39	239.59	0.762 58	<b>55</b>	1.009 27	990.82	240.44	0.762 09
1.012 68	987.48	259.55	0.826 02	<b>60</b>	1.012 24	987.90	260.39	0.825 49	<b>60</b>	1.011 81	988.33	261.23	0.824 97
1.015 39	984.85	280.38	0.888 06	<b>65</b>	1.014 94	985.28	281.20	0.887 50	<b>65</b>	1.014 50	985.70	282.03	0.886 95
1.018 24	982.08	301.21	0.949 23	<b>70</b>	1.017 80	982.51	302.03	0.948 65	<b>70</b>	1.017 35	982.94	302.85	0.948 06
1.021 25	979.19	322.07	1.0096	<b>75</b>	1.020 80	979.62	322.87	1.0089	<b>75</b>	1.020 35	980.06	323.68	1.0083
1.024 41	976.17	342.94	1.0691	<b>80</b>	1.023 95	976.61	343.73	1.0684	<b>80</b>	1.023 49	977.05	344.53	1.0678
1.027 71	973.04	363.82	1.1278	<b>85</b>	1.027 25	973.48	364.61	1.1271	<b>85</b>	1.026 78	973.92	365.40	1.1265
1.031 16	969.78	384.73	1.1858	<b>90</b>	1.030 69	970.23	385.51	1.1851	<b>90</b>	1.030 21	970.67	386.28	1.1844
1.034 75	966.41	405.66	1.2430	<b>95</b>	1.034 27	966.86	406.43	1.2423	<b>95</b>	1.033 79	967.31	407.19	1.2416
1.038 49	962.93	426.62	1.2996	<b>100</b>	1.038 00	963.39	427.37	1.2988	<b>100</b>	1.037 51	963.84	428.12	1.2980
1.042 38	959.34	447.60	1.3554	<b>105</b>	1.041 88	959.81	448.34	1.3546	<b>105</b>	1.041 38	960.27	449.08	1.3538
1.046 41	955.65	468.61	1.4106	<b>110</b>	1.045 90	956.12	469.34	1.4098	<b>110</b>	1.045 38	956.59	470.07	1.4090
1.050 59	951.85	489.65	1.4652	<b>115</b>	1.050 06	952.32	490.37	1.4643	<b>115</b>	1.049 54	952.80	491.09	1.4635
1.054 92	947.94	510.73	1.5191	<b>120</b>	1.054 38	948.42	511.44	1.5183	<b>120</b>	1.053 84	948.91	512.15	1.5174
1.059 40	943.93	531.84	1.5725	<b>125</b>	1.058 85	944.42	532.54	1.5716	<b>125</b>	1.058 30	944.91	533.24	1.5707
1.064 04	939.81	553.00	1.6253	<b>130</b>	1.063 47	940.32	553.68	1.6244	<b>130</b>	1.062 91	940.82	554.37	1.6234
1.068 84	935.60	574.20	1.6776	<b>135</b>	1.068 25	936.11	574.87	1.6766	<b>135</b>	1.067 67	936.62	575.55	1.6756
1.073 80	931.28	595.45	1.7293	<b>140</b>	1.073 19	931.80	596.11	1.7283	<b>140</b>	1.072 59	932.32	596.77	1.7273
1.078 92	926.85	616.75	1.7806	<b>145</b>	1.078 30	927.38	617.40	1.7795	<b>145</b>	1.077 68	927.92	618.04	1.7785
1.084 22	922.32	638.11	1.8313	<b>150</b>	1.083 58	922.87	638.74	1.8303	<b>150</b>	1.082 94	923.41	639.37	1.8292
1.089 70	917.69	659.53	1.8817	<b>155</b>	1.089 03	918.25	660.14	1.8806	<b>155</b>	1.088 37	918.80	660.76	1.8794
1.095 35	912.95	681.01	1.9315	<b>160</b>	1.094 67	913.52	681.61	1.9304	<b>160</b>	1.093 98	914.09	682.21	1.9293
1.101 20	908.10	702.56	1.9810	<b>165</b>	1.100 49	908.69	703.14	1.9798	<b>165</b>	1.099 78	909.27	703.72	1.9786
1.107 25	903.14	724.18	2.0301	<b>170</b>	1.106 51	903.74	724.75	2.0289	<b>170</b>	1.105 77	904.34	725.31	2.0276
1.113 50	898.07	745.89	2.0788	<b>175</b>	1.112 73	898.69	746.43	2.0775	<b>175</b>	1.111 97	899.31	746.98	2.0763
1.119 97	892.88	767.68	2.1271	<b>180</b>	1.119 17	893.52	768.20	2.1258	<b>180</b>	1.118 37	894.16	768.73	2.1245
1.126 66	887.58	789.55	2.1752	<b>185</b>	1.125 82	888.24	790.06	2.1738	<b>185</b>	1.125 00	888.89	790.57	2.1724
1.133 58	882.16	811.53	2.2229	<b>190</b>	1.132 71	882.84	812.01	2.2215	<b>190</b>	1.131 85	883.51	812.50	2.2201
1.140 76	876.61	833.61	2.2703	<b>195</b>	1.139 85	877.31	834.07	2.2688	<b>195</b>	1.138 95	878.00	834.53	2.2674
1.148 19	870.94	855.80	2.3174	<b>200</b>	1.147 24	871.66	856.23	2.3159	<b>200</b>	1.146 30	872.37	856.67	2.3144
1.163 90	859.18	900.53	2.4110	<b>210</b>	1.162 86	859.95	900.91	2.4094	<b>210</b>	1.161 82	860.72	901.29	2.4077
1.180 86	846.84	945.81	2.5037	<b>220</b>	1.179 70	847.67	946.13	2.5020	<b>220</b>	1.178 55	848.50	946.44	2.5002
1.199 23	833.87	991.71	2.5959	<b>230</b>	1.197 94	834.77	991.95	2.5940	<b>230</b>	1.196 65	835.67	992.20	2.5921
1.219 24	820.18	1038.3	2.6876	<b>240</b>	1.217 77	821.17	1038.5	2.6855	<b>240</b>	1.216 33	822.15	1038.6	2.6835
1.241 15	805.70	1085.8	2.7792	<b>250</b>	1.239 48	806.79	1085.8	2.7769	<b>250</b>	1.237 83	807.86	1085.9	2.7747
1.265 33	790.30	1134.3	2.8710	<b>260</b>	1.263 40	791.51	1134.2	2.8685	<b>260</b>	1.261 50	792.71	1134.1	2.8660
1.292 27	773.83	1183.9	2.9633	<b>270</b>	1.290 00	775.19	1183.7	2.9604	<b>270</b>	1.287 78	776.53	1183.4	2.9576
1.322 63	756.07	1235.0	3.0565	<b>280</b>	1.319 92	757.62	1234.6	3.0533	<b>280</b>	1.317 27	759.15	1234.1	3.0501
1.357 39	736.71	1288.0	3.1514	<b>290</b>	1.354 07	738.52	1287.3	3.1477	<b>290</b>	1.350 83	740.28	1286.6	3.1440

**Table 3. Compressed Water and Superheated Steam (continued)**

10 MPa ( $t_s = 310.997\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	11 MPa ( $t_s = 318.079\text{ }^\circ\text{C}$ )				$t, \text{ }^\circ\text{C}$	12 MPa ( $t_s = 324.675\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.398 04	715.29	1343.3	3.2488	<b>300</b>	1.393 83	717.45	1342.2	3.2444	<b>300</b>	1.389 76	719.55	1341.2	3.2401
1.447 09	691.04	1402.0	3.3502	<b>310</b>	1.441 49	693.72	1400.3	3.3449	<b>310</b>	1.436 13	696.31	1398.7	3.3397
19.270	51.894	2782.8	5.7133	<b>320</b>	16.274	61.447	2721.1	5.5793	<b>320</b>	1.493 66	669.50	1460.5	3.4447
20.444	48.913	2835.8	5.8019	<b>330</b>	17.565	56.931	2786.5	5.6888	<b>330</b>	15.021	66.572	2728.2	5.5651
21.487	46.539	2882.1	5.8782	<b>340</b>	18.656	53.602	2840.6	5.7777	<b>340</b>	16.210	61.690	2793.6	5.6727
22.440	44.564	2924.0	5.9459	<b>350</b>	19.625	50.955	2887.9	5.8542	<b>350</b>	17.221	58.068	2848.1	5.7609
23.325	42.873	2962.7	6.0075	<b>360</b>	20.509	48.758	2930.6	5.9223	<b>360</b>	18.121	55.185	2895.9	5.8371
24.158	41.394	2998.9	6.0642	<b>370</b>	21.331	46.881	2970.0	5.9840	<b>370</b>	18.943	52.791	2939.2	5.9049
24.950	40.081	3033.2	6.1172	<b>380</b>	22.103	45.243	3006.9	6.0410	<b>380</b>	19.706	50.746	2979.2	5.9665
25.707	38.900	3065.9	6.1669	<b>390</b>	22.836	43.790	3041.9	6.0941	<b>390</b>	20.424	48.961	3016.6	6.0234
26.436	37.827	3097.4	6.2141	<b>400</b>	23.537	42.486	3075.2	6.1440	<b>400</b>	21.106	47.380	3052.0	6.0764
27.142	36.844	3127.9	6.2590	<b>410</b>	24.212	41.302	3107.2	6.1912	<b>410</b>	21.758	45.961	3085.8	6.1262
27.826	35.937	3157.5	6.3020	<b>420</b>	24.864	40.219	3138.2	6.2362	<b>420</b>	22.385	44.674	3118.3	6.1734
28.493	35.096	3186.4	6.3434	<b>430</b>	25.496	39.221	3168.3	6.2793	<b>430</b>	22.990	43.497	3149.7	6.2184
29.144	34.312	3214.6	6.3833	<b>440</b>	26.112	38.297	3197.6	6.3207	<b>440</b>	23.577	42.413	3180.1	6.2614
29.782	33.578	3242.3	6.4219	<b>450</b>	26.713	37.435	3226.3	6.3607	<b>450</b>	24.149	41.410	3209.8	6.3028
30.407	32.887	3269.6	6.4593	<b>460</b>	27.301	36.629	3254.4	6.3993	<b>460</b>	24.707	40.475	3238.9	6.3427
31.022	32.236	3296.5	6.4957	<b>470</b>	27.877	35.872	3282.0	6.4367	<b>470</b>	25.252	39.601	3267.3	6.3812
31.626	31.619	3323.0	6.5311	<b>480</b>	28.443	35.158	3309.3	6.4731	<b>480</b>	25.787	38.780	3295.3	6.4186
32.223	31.034	3349.2	6.5657	<b>490</b>	29.000	34.482	3336.1	6.5085	<b>490</b>	26.312	38.006	3322.8	6.4549
32.811	30.478	3375.1	6.5995	<b>500</b>	29.549	33.842	3362.7	6.5431	<b>500</b>	26.828	37.275	3350.0	6.4903
33.966	29.441	3426.4	6.6649	<b>520</b>	30.624	32.654	3415.0	6.6099	<b>520</b>	27.837	35.923	3403.4	6.5585
35.097	28.493	3476.9	6.7278	<b>540</b>	31.674	31.571	3466.4	6.6739	<b>540</b>	28.821	34.697	3455.8	6.6237
36.207	27.619	3526.9	6.7886	<b>560</b>	32.703	30.578	3517.2	6.7356	<b>560</b>	29.782	33.577	3507.4	6.6864
37.300	26.809	3576.5	6.8474	<b>580</b>	33.714	29.661	3567.5	6.7953	<b>580</b>	30.725	32.547	3558.4	6.7469
38.378	26.057	3625.8	6.9045	<b>600</b>	34.709	28.811	3617.4	6.8531	<b>600</b>	31.651	31.594	3608.9	6.8054
39.442	25.353	3674.8	6.9600	<b>620</b>	35.691	28.018	3667.0	6.9092	<b>620</b>	32.564	30.708	3659.1	6.8622
40.495	24.694	3723.7	7.0142	<b>640</b>	36.661	27.277	3716.4	6.9639	<b>640</b>	33.465	29.882	3709.0	6.9175
41.538	24.074	3772.5	7.0670	<b>660</b>	37.621	26.581	3765.6	7.0173	<b>660</b>	34.356	29.107	3758.7	6.9713
42.572	23.490	3821.3	7.1187	<b>680</b>	38.571	25.926	3814.8	7.0694	<b>680</b>	35.237	28.379	3808.2	7.0239
43.597	22.937	3870.0	7.1693	<b>700</b>	39.513	25.308	3863.9	7.1204	<b>700</b>	36.109	27.694	3857.7	7.0753
44.615	22.414	3918.7	7.2189	<b>720</b>	40.448	24.723	3913.0	7.1703	<b>720</b>	36.975	27.046	3907.2	7.1256
45.627	21.917	3967.6	7.2676	<b>740</b>	41.376	24.169	3962.1	7.2193	<b>740</b>	37.833	26.432	3956.6	7.1748
46.633	21.444	4016.4	7.3153	<b>760</b>	42.298	23.642	4011.2	7.2673	<b>760</b>	38.685	25.849	4006.0	7.2232
47.633	20.994	4065.4	7.3623	<b>780</b>	43.215	23.140	4060.5	7.3146	<b>780</b>	39.532	25.296	4055.6	7.2706
48.629	20.564	4114.5	7.4085	<b>800</b>	44.126	22.662	4109.8	7.3610	<b>800</b>	40.375	24.768	4105.1	7.3173
49.620	20.153	4163.7	7.4539	<b>820</b>	45.034	22.206	4159.3	7.4066	<b>820</b>	41.212	24.265	4154.8	7.3631
50.607	19.760	4213.0	7.4986	<b>840</b>	45.937	21.769	4208.8	7.4515	<b>840</b>	42.045	23.784	4204.6	7.4083
51.590	19.383	4262.5	7.5427	<b>860</b>	46.837	21.351	4258.5	7.4958	<b>860</b>	42.875	23.324	4254.5	7.4527
52.570	19.022	4312.2	7.5861	<b>880</b>	47.733	20.950	4308.3	7.5394	<b>880</b>	43.701	22.883	4304.5	7.4965
53.547	18.675	4362.0	7.6290	<b>900</b>	48.625	20.565	4358.3	7.5824	<b>900</b>	44.524	22.460	4354.7	7.5396
54.521	18.342	4412.0	7.6712	<b>920</b>	49.515	20.196	4408.5	7.6247	<b>920</b>	45.344	22.054	4405.0	7.5821
55.492	18.021	4462.2	7.7129	<b>940</b>	50.402	19.840	4458.8	7.6666	<b>940</b>	46.161	21.663	4455.5	7.6241
56.460	17.712	4512.5	7.7541	<b>960</b>	51.287	19.498	4509.3	7.7079	<b>960</b>	46.976	21.287	4506.1	7.6655
57.426	17.414	4563.0	7.7947	<b>980</b>	52.169	19.168	4560.0	7.7486	<b>980</b>	47.789	20.925	4557.0	7.7064
58.390	17.126	4613.8	7.8349	<b>1000</b>	53.049	18.850	4610.9	7.7889	<b>1000</b>	48.599	20.577	4608.0	7.7467
63.183	15.827	4870.3	8.0288	<b>1100</b>	57.422	17.415	4868.0	7.9833	<b>1100</b>	52.622	19.003	4865.6	7.9416
67.938	14.719	5131.7	8.2126	<b>1200</b>	61.758	16.192	5129.8	8.1673	<b>1200</b>	56.608	17.665	5127.9	8.1259
72.667	13.761	5397.9	8.3874	<b>1300</b>	66.067	15.136	5396.4	8.3424	<b>1300</b>	60.567	16.511	5394.9	8.3012
77.374	12.924	5668.7	8.5543	<b>1400</b>	70.355	14.214	5667.5	8.5095	<b>1400</b>	64.505	15.503	5666.3	8.4685
82.066	12.185	5943.9	8.7140	<b>1500</b>	74.627	13.400	5942.9	8.6693	<b>1500</b>	68.428	14.614	5941.9	8.6284
86.745	11.528	6223.1	8.8671	<b>1600</b>	78.886	12.676	6222.3	8.8226	<b>1600</b>	72.337	13.824	6221.5	8.7818
96.074	10.409	6792.4	9.1559	<b>1800</b>	87.377	11.445	6791.9	9.1115	<b>1800</b>	80.129	12.480	6791.5	9.0709
105.38	9.4897	7374.6	9.4239	<b>2000</b>	95.840	10.434	7374.4	9.3796	<b>2000</b>	87.892	11.378	7374.2	9.3392



**Table 3. Compressed Water and Superheated Steam (continued)**

13 MPa ( $t_s = 330.854\text{ °C}$ )				$t_s, \text{ °C}$	14 MPa ( $t_s = 336.666\text{ °C}$ )				$t_s, \text{ °C}$	15 MPa ( $t_s = 342.155\text{ °C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.566 49	638.37	1531.5	3.5608	$t_s(\text{L})$	1.609 74	621.22	1571.0	3.6232	$t_s(\text{L})$	1.656 95	603.52	1610.2	3.6846
12.780	78.245	2662.7	5.4336	$t_s(\text{V})$	11.485	87.069	2637.9	5.3727	$t_s(\text{V})$	10.338	96.727	2610.7	5.3106
0.993 73	1006.31	13.07	0.000 41	<b>0</b>	0.993 25	1006.80	14.07	0.000 43	<b>0</b>	0.992 76	1007.29	15.07	0.000 45
0.993 82	1006.22	33.85	0.075 80	<b>5</b>	0.993 35	1006.70	34.83	0.075 74	<b>5</b>	0.992 88	1007.17	35.81	0.075 69
0.994 25	1005.78	54.61	0.149 75	<b>10</b>	0.993 79	1006.25	55.57	0.149 63	<b>10</b>	0.993 34	1006.71	56.53	0.149 51
0.994 98	1005.04	75.34	0.222 35	<b>15</b>	0.994 53	1005.50	76.29	0.222 18	<b>15</b>	0.994 09	1005.95	77.23	0.222 00
0.995 98	1004.04	96.07	0.293 68	<b>20</b>	0.995 54	1004.48	97.00	0.293 45	<b>20</b>	0.995 10	1004.93	97.93	0.293 23
0.997 22	1002.79	116.80	0.363 79	<b>25</b>	0.996 78	1003.23	117.72	0.363 52	<b>25</b>	0.996 35	1003.66	118.63	0.363 25
0.998 68	1001.32	137.53	0.432 74	<b>30</b>	0.998 25	1001.75	138.44	0.432 43	<b>30</b>	0.997 82	1002.19	139.34	0.432 11
1.000 35	999.65	158.27	0.500 58	<b>35</b>	0.999 92	1000.08	159.16	0.500 22	<b>35</b>	0.999 49	1000.51	160.05	0.499 87
1.002 20	997.80	179.01	0.567 34	<b>40</b>	1.001 78	998.23	179.89	0.566 95	<b>40</b>	1.001 35	998.65	180.77	0.566 56
1.004 24	995.77	199.76	0.633 08	<b>45</b>	1.003 82	996.20	200.62	0.632 65	<b>45</b>	1.003 39	996.62	201.49	0.632 23
1.006 46	993.58	220.51	0.697 82	<b>50</b>	1.006 03	994.01	221.37	0.697 36	<b>50</b>	1.005 60	994.43	222.23	0.696 90
1.008 83	991.24	241.28	0.761 60	<b>55</b>	1.008 40	991.67	242.13	0.761 10	<b>55</b>	1.007 97	992.09	242.98	0.760 61
1.011 37	988.76	262.06	0.824 44	<b>60</b>	1.010 94	989.18	262.90	0.823 92	<b>60</b>	1.010 51	989.60	263.74	0.823 40
1.014 06	986.13	282.86	0.886 39	<b>65</b>	1.013 63	986.56	283.68	0.885 84	<b>65</b>	1.013 19	986.98	284.51	0.885 29
1.016 91	983.37	303.66	0.947 48	<b>70</b>	1.016 47	983.80	304.48	0.946 89	<b>70</b>	1.016 03	984.23	305.30	0.946 31
1.019 90	980.49	324.49	1.0077	<b>75</b>	1.019 45	980.92	325.29	1.0071	<b>75</b>	1.019 01	981.35	326.10	1.0065
1.023 04	977.48	345.32	1.0671	<b>80</b>	1.022 58	977.91	346.12	1.0665	<b>80</b>	1.022 13	978.35	346.92	1.0659
1.026 32	974.36	366.18	1.1258	<b>85</b>	1.025 86	974.79	366.97	1.1251	<b>85</b>	1.025 40	975.23	367.75	1.1245
1.029 75	971.11	387.06	1.1837	<b>90</b>	1.029 28	971.56	387.83	1.1830	<b>90</b>	1.028 81	972.00	388.61	1.1823
1.033 31	967.76	407.96	1.2408	<b>95</b>	1.032 84	968.21	408.72	1.2401	<b>95</b>	1.032 36	968.65	409.49	1.2394
1.037 02	964.30	428.88	1.2973	<b>100</b>	1.036 54	964.75	429.63	1.2965	<b>100</b>	1.036 05	965.20	430.39	1.2958
1.040 88	960.73	449.83	1.3531	<b>105</b>	1.040 38	961.19	450.57	1.3523	<b>105</b>	1.039 89	961.64	451.32	1.3515
1.044 88	957.05	470.81	1.4082	<b>110</b>	1.044 37	957.52	471.54	1.4073	<b>110</b>	1.043 86	957.98	472.27	1.4065
1.049 02	953.27	491.81	1.4626	<b>115</b>	1.048 50	953.74	492.54	1.4618	<b>115</b>	1.047 98	954.21	493.26	1.4610
1.053 31	949.39	512.86	1.5165	<b>120</b>	1.052 78	949.87	513.57	1.5156	<b>120</b>	1.052 25	950.35	514.28	1.5148
1.057 75	945.40	533.94	1.5698	<b>125</b>	1.057 20	945.89	534.63	1.5689	<b>125</b>	1.056 66	946.38	535.33	1.5680
1.062 34	941.32	555.06	1.6225	<b>130</b>	1.061 78	941.81	555.74	1.6216	<b>130</b>	1.061 22	942.31	556.43	1.6206
1.067 09	937.13	576.22	1.6747	<b>135</b>	1.066 51	937.63	576.89	1.6737	<b>135</b>	1.065 94	938.14	577.57	1.6727
1.072 00	932.84	597.43	1.7263	<b>140</b>	1.071 40	933.36	598.09	1.7253	<b>140</b>	1.070 81	933.87	598.75	1.7243
1.077 07	928.45	618.69	1.7775	<b>145</b>	1.076 46	928.98	619.33	1.7764	<b>145</b>	1.075 85	929.50	619.98	1.7754
1.082 31	923.95	640.00	1.8281	<b>150</b>	1.081 67	924.49	640.63	1.8271	<b>150</b>	1.081 04	925.03	641.27	1.8260
1.087 72	919.36	661.37	1.8783	<b>155</b>	1.087 06	919.91	661.99	1.8772	<b>155</b>	1.086 41	920.46	662.61	1.8762
1.093 30	914.66	682.81	1.9281	<b>160</b>	1.092 63	915.22	683.41	1.9270	<b>160</b>	1.091 96	915.79	684.01	1.9259
1.099 08	909.85	704.31	1.9775	<b>165</b>	1.098 38	910.43	704.89	1.9763	<b>165</b>	1.097 68	911.01	705.48	1.9751
1.105 04	904.94	725.88	2.0264	<b>170</b>	1.104 32	905.54	726.45	2.0252	<b>170</b>	1.103 60	906.13	727.02	2.0240
1.111 21	899.92	747.53	2.0750	<b>175</b>	1.110 46	900.53	748.08	2.0738	<b>175</b>	1.109 71	901.14	748.63	2.0725
1.117 58	894.79	769.26	2.1232	<b>180</b>	1.116 80	895.42	769.79	2.1219	<b>180</b>	1.116 02	896.04	770.32	2.1206
1.124 17	889.54	791.07	2.1711	<b>185</b>	1.123 36	890.19	791.59	2.1698	<b>185</b>	1.122 55	890.83	792.10	2.1684
1.130 99	884.18	812.98	2.2187	<b>190</b>	1.130 14	884.84	813.47	2.2173	<b>190</b>	1.129 30	885.51	813.97	2.2159
1.138 05	878.69	834.99	2.2659	<b>195</b>	1.137 16	879.38	835.46	2.2645	<b>195</b>	1.136 28	880.06	835.93	2.2631
1.145 36	873.09	857.11	2.3129	<b>200</b>	1.144 43	873.80	857.55	2.3114	<b>200</b>	1.143 51	874.50	857.99	2.3100
1.160 79	861.48	901.68	2.4061	<b>210</b>	1.159 77	862.24	902.07	2.4045	<b>210</b>	1.158 76	862.99	902.46	2.4030
1.177 41	849.32	946.77	2.4985	<b>220</b>	1.176 28	850.14	947.10	2.4968	<b>220</b>	1.175 16	850.95	947.43	2.4951
1.195 38	836.55	992.45	2.5902	<b>230</b>	1.194 12	837.44	992.71	2.5883	<b>230</b>	1.192 87	838.31	992.97	2.5865
1.214 89	823.12	1038.8	2.6814	<b>240</b>	1.213 48	824.08	1039.0	2.6794	<b>240</b>	1.212 08	825.03	1039.2	2.6774
1.236 20	808.93	1086.0	2.7724	<b>250</b>	1.234 59	809.98	1086.0	2.7702	<b>250</b>	1.233 01	811.03	1086.1	2.7680
1.259 63	793.89	1134.0	2.8635	<b>260</b>	1.257 78	795.05	1134.0	2.8610	<b>260</b>	1.255 96	796.20	1134.0	2.8586
1.285 59	777.85	1183.2	2.9549	<b>270</b>	1.283 44	779.16	1183.0	2.9521	<b>270</b>	1.281 33	780.44	1182.9	2.9495
1.314 67	760.65	1233.7	3.0470	<b>280</b>	1.312 12	762.12	1233.4	3.0440	<b>280</b>	1.309 63	763.58	1233.0	3.0409
1.347 68	742.02	1285.9	3.1405	<b>290</b>	1.344 60	743.72	1285.3	3.1370	<b>290</b>	1.341 59	745.39	1284.7	3.1335

**Table 3. Compressed Water and Superheated Steam (continued)**

13 MPa ( $t_s = 330.854$ °C)				$t, \text{°C}$	14 MPa ( $t_s = 336.666$ °C)				$t, \text{°C}$	15 MPa ( $t_s = 342.155$ °C)			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.385 81	721.60	1340.2	3.2360	<b>300</b>	1.381 98	723.60	1339.2	3.2319	<b>300</b>	1.378 26	725.55	1338.3	3.2279
1.430 98	698.82	1397.2	3.3346	<b>310</b>	1.426 03	701.25	1395.8	3.3297	<b>310</b>	1.421 25	703.60	1394.4	3.3250
1.486 50	672.72	1458.2	3.4383	<b>320</b>	1.479 72	675.80	1456.0	3.4322	<b>320</b>	1.473 26	678.77	1454.0	3.4263
1.559 09	641.40	1525.4	3.5506	<b>330</b>	1.548 83	645.65	1521.9	3.5423	<b>330</b>	1.539 32	649.64	1518.8	3.5345
14.029	71.282	2739.0	5.5591	<b>340</b>	11.997	83.356	2672.3	5.4290	<b>340</b>	1.631 13	613.07	1592.4	3.6555
15.119	66.144	2803.7	5.6638	<b>350</b>	13.232	75.577	2753.1	5.5598	<b>350</b>	11.481	87.100	2693.1	5.4437
16.053	62.292	2858.1	5.7504	<b>360</b>	14.228	70.284	2816.5	5.6607	<b>360</b>	12.582	79.476	2769.7	5.5657
16.888	59.212	2906.2	5.8257	<b>370</b>	15.091	66.264	2870.4	5.7453	<b>370</b>	13.493	74.115	2831.4	5.6625
17.653	56.649	2949.7	5.8929	<b>380</b>	15.866	63.028	2918.3	5.8192	<b>380</b>	14.289	69.984	2884.7	5.7446
18.364	54.455	2990.0	5.9541	<b>390</b>	16.577	60.323	2961.9	5.8855	<b>390</b>	15.008	66.630	2932.2	5.8168
19.033	52.540	3027.7	6.0106	<b>400</b>	17.240	58.003	3002.3	5.9459	<b>400</b>	15.671	63.812	2975.7	5.8819
19.669	50.843	3063.5	6.0633	<b>410</b>	17.865	55.974	3040.3	6.0019	<b>410</b>	16.290	61.387	3016.1	5.9415
20.276	49.318	3097.6	6.1129	<b>420</b>	18.459	54.173	3076.2	6.0542	<b>420</b>	16.875	59.260	3054.0	5.9967
20.861	47.936	3130.4	6.1599	<b>430</b>	19.028	52.554	3110.6	6.1034	<b>430</b>	17.431	57.368	3090.1	6.0484
21.426	46.672	3162.2	6.2047	<b>440</b>	19.575	51.086	3143.7	6.1501	<b>440</b>	17.964	55.666	3124.7	6.0971
21.974	45.509	3193.0	6.2476	<b>450</b>	20.104	49.743	3175.7	6.1946	<b>450</b>	18.477	54.121	3157.9	6.1434
22.507	44.431	3223.0	6.2888	<b>460</b>	20.616	48.505	3206.7	6.2373	<b>460</b>	18.973	52.706	3190.1	6.1876
23.027	43.428	3252.3	6.3286	<b>470</b>	21.115	47.359	3237.0	6.2783	<b>470</b>	19.455	51.402	3221.3	6.2299
23.535	42.489	3281.1	6.3670	<b>480</b>	21.602	46.292	3266.6	6.3178	<b>480</b>	19.923	50.193	3251.8	6.2706
24.034	41.609	3309.3	6.4043	<b>490</b>	22.078	45.294	3295.6	6.3561	<b>490</b>	20.380	49.067	3281.6	6.3099
24.523	40.779	3337.1	6.4405	<b>500</b>	22.544	44.357	3324.1	6.3932	<b>500</b>	20.827	48.014	3310.8	6.3480
25.477	39.251	3391.7	6.5101	<b>520</b>	23.452	42.640	3379.8	6.4643	<b>520</b>	21.696	46.092	3367.8	6.4207
26.404	37.873	3445.0	6.5766	<b>540</b>	24.332	41.098	3434.2	6.5320	<b>540</b>	22.534	44.376	3423.2	6.4897
27.309	36.618	3497.5	6.6403	<b>560</b>	25.188	39.701	3487.5	6.5968	<b>560</b>	23.349	42.828	3477.4	6.5556
28.194	35.468	3549.2	6.7016	<b>580</b>	26.025	38.425	3539.9	6.6591	<b>580</b>	24.144	41.419	3530.6	6.6187
29.063	34.408	3600.4	6.7609	<b>600</b>	26.845	37.252	3591.8	6.7191	<b>600</b>	24.921	40.127	3583.1	6.6796
29.918	33.424	3651.1	6.8184	<b>620</b>	27.650	36.166	3643.1	6.7772	<b>620</b>	25.684	38.935	3635.1	6.7384
30.761	32.509	3701.5	6.8742	<b>640</b>	28.443	35.158	3694.0	6.8336	<b>640</b>	26.433	37.831	3686.5	6.7954
31.593	31.653	3751.7	6.9286	<b>660</b>	29.225	34.218	3744.7	6.8885	<b>660</b>	27.172	36.802	3737.6	6.8508
32.415	30.850	3801.7	6.9816	<b>680</b>	29.997	33.337	3795.1	6.9419	<b>680</b>	27.901	35.841	3788.5	6.9047
33.229	30.094	3851.5	7.0333	<b>700</b>	30.761	32.509	3845.3	6.9941	<b>700</b>	28.621	34.939	3839.1	6.9572
34.036	29.381	3901.3	7.0840	<b>720</b>	31.517	31.729	3895.5	7.0451	<b>720</b>	29.334	34.091	3889.6	7.0086
34.835	28.707	3951.1	7.1336	<b>740</b>	32.266	30.993	3945.6	7.0950	<b>740</b>	30.039	33.290	3940.0	7.0589
35.629	28.067	4000.8	7.1822	<b>760</b>	33.009	30.295	3995.6	7.1440	<b>760</b>	30.738	32.533	3990.4	7.1081
36.417	27.460	4050.6	7.2299	<b>780</b>	33.746	29.633	4045.7	7.1920	<b>780</b>	31.432	31.815	4040.7	7.1563
37.200	26.882	4100.4	7.2768	<b>800</b>	34.479	29.003	4095.8	7.2391	<b>800</b>	32.121	31.132	4091.1	7.2037
37.978	26.331	4150.4	7.3229	<b>820</b>	35.207	28.404	4145.9	7.2854	<b>820</b>	32.805	30.483	4141.4	7.2502
38.753	25.805	4200.3	7.3682	<b>840</b>	35.931	27.831	4196.1	7.3309	<b>840</b>	33.485	29.864	4191.9	7.2959
39.523	25.302	4250.5	7.4128	<b>860</b>	36.650	27.285	4246.4	7.3757	<b>860</b>	34.161	29.273	4242.4	7.3409
40.290	24.820	4300.7	7.4567	<b>880</b>	37.367	26.762	4296.8	7.4198	<b>880</b>	34.833	28.708	4293.0	7.3852
41.054	24.358	4351.0	7.5000	<b>900</b>	38.080	26.261	4347.4	7.4632	<b>900</b>	35.503	28.167	4343.7	7.4288
41.815	23.915	4401.5	7.5427	<b>920</b>	38.790	25.780	4398.0	7.5060	<b>920</b>	36.169	27.648	4394.5	7.4717
42.573	23.489	4452.2	7.5848	<b>940</b>	39.498	25.318	4448.8	7.5483	<b>940</b>	36.832	27.150	4445.5	7.5141
43.329	23.079	4503.0	7.6263	<b>960</b>	40.203	24.874	4499.8	7.5899	<b>960</b>	37.493	26.671	4496.6	7.5559
44.082	22.685	4553.9	7.6673	<b>980</b>	40.905	24.447	4550.9	7.6310	<b>980</b>	38.152	26.211	4547.8	7.5971
44.833	22.305	4605.0	7.7078	<b>1000</b>	41.605	24.035	4602.1	7.6716	<b>1000</b>	38.808	25.768	4599.2	7.6378
48.560	20.593	4863.3	7.9030	<b>1100</b>	45.079	22.183	4860.9	7.8673	<b>1100</b>	42.062	23.774	4858.6	7.8339
52.251	19.139	5126.0	8.0877	<b>1200</b>	48.516	20.612	5124.2	8.0523	<b>1200</b>	45.279	22.085	5122.3	8.0192
55.914	17.885	5393.3	8.2633	<b>1300</b>	51.925	19.259	5391.8	8.2280	<b>1300</b>	48.468	20.632	5390.3	8.1952
59.556	16.791	5665.0	8.4307	<b>1400</b>	55.314	18.079	5663.8	8.3956	<b>1400</b>	51.637	19.366	5662.5	8.3630
63.182	15.827	5940.9	8.5908	<b>1500</b>	58.687	17.040	5939.9	8.5559	<b>1500</b>	54.790	18.251	5938.9	8.5234
66.796	14.971	6220.7	8.7443	<b>1600</b>	62.047	16.117	6219.9	8.7095	<b>1600</b>	57.931	17.262	6219.1	8.6771
73.996	13.514	6791.0	9.0335	<b>1800</b>	68.739	14.548	6790.5	8.9989	<b>1800</b>	64.183	15.580	6790.0	8.9666
81.168	12.320	7373.9	9.3019	<b>2000</b>	75.404	13.262	7373.7	9.2674	<b>2000</b>	70.408	14.203	7373.5	9.2353

**Table 3. Compressed Water and Superheated Steam (continued)**

16 MPa ( $t_s = 347.355\text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	17 MPa ( $t_s = 352.293\text{ }^\circ\text{C}$ )				$t_s, \text{ }^\circ\text{C}$	18 MPa ( $t_s = 356.992\text{ }^\circ\text{C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.709 44	584.99	1649.7	3.7457	$t_{s(L)}$	1.769 26	565.21	1690.0	3.8077	$t_{s(L)}$	1.839 80	543.54	1732.1	3.8718
9.3088	107.42	2580.8	5.2463	$t_{s(V)}$	8.3709	119.46	2547.5	5.1787	$t_{s(V)}$	7.5017	133.30	2509.8	5.1061
0.992 28	1007.78	16.06	0.000 46	<b>0</b>	0.991 79	1008.27	17.06	0.000 47	<b>0</b>	0.991 31	1008.76	18.05	0.000 47
0.992 41	1007.65	36.78	0.075 63	<b>5</b>	0.991 94	1008.12	37.76	0.075 56	<b>5</b>	0.991 48	1008.59	38.73	0.075 50
0.992 88	1007.17	57.48	0.149 39	<b>10</b>	0.992 42	1007.63	58.44	0.149 26	<b>10</b>	0.991 97	1008.09	59.40	0.149 14
0.993 64	1006.40	78.18	0.221 82	<b>15</b>	0.993 19	1006.85	79.12	0.221 64	<b>15</b>	0.992 75	1007.30	80.06	0.221 46
0.994 66	1005.37	98.86	0.293 00	<b>20</b>	0.994 22	1005.81	99.79	0.292 77	<b>20</b>	0.993 78	1006.25	100.72	0.292 54
0.995 92	1004.10	119.55	0.362 97	<b>25</b>	0.995 48	1004.54	120.46	0.362 70	<b>25</b>	0.995 05	1004.97	121.38	0.362 42
0.997 39	1002.62	140.24	0.431 80	<b>30</b>	0.996 96	1003.05	141.14	0.431 48	<b>30</b>	0.996 53	1003.48	142.04	0.431 17
0.999 06	1000.94	160.94	0.499 52	<b>35</b>	0.998 64	1001.37	161.83	0.499 16	<b>35</b>	0.998 21	1001.79	162.72	0.498 81
1.000 92	999.08	181.65	0.566 17	<b>40</b>	1.000 50	999.50	182.52	0.565 78	<b>40</b>	1.000 08	999.92	183.40	0.565 39
1.002 96	997.04	202.36	0.631 80	<b>45</b>	1.002 54	997.47	203.23	0.631 38	<b>45</b>	1.002 12	997.89	204.10	0.630 95
1.005 17	994.85	223.09	0.696 44	<b>50</b>	1.004 75	995.27	223.94	0.695 98	<b>50</b>	1.004 32	995.69	224.80	0.695 53
1.007 55	992.51	243.82	0.760 12	<b>55</b>	1.007 12	992.93	244.67	0.759 63	<b>55</b>	1.006 69	993.35	245.52	0.759 14
1.010 07	990.03	264.57	0.822 88	<b>60</b>	1.009 64	990.45	265.41	0.822 36	<b>60</b>	1.009 22	990.87	266.25	0.821 84
1.012 76	987.40	285.34	0.884 74	<b>65</b>	1.012 32	987.83	286.16	0.884 19	<b>65</b>	1.011 89	988.25	286.99	0.883 64
1.015 59	984.65	306.11	0.945 73	<b>70</b>	1.015 15	985.08	306.93	0.945 15	<b>70</b>	1.014 71	985.50	307.75	0.944 57
1.018 56	981.78	326.91	1.0059	<b>75</b>	1.018 12	982.20	327.71	1.0053	<b>75</b>	1.017 68	982.63	328.52	1.0047
1.021 68	978.78	347.71	1.0652	<b>80</b>	1.021 23	979.21	348.51	1.0646	<b>80</b>	1.020 79	979.64	349.31	1.0640
1.024 94	975.66	368.54	1.1238	<b>85</b>	1.024 49	976.10	369.33	1.1231	<b>85</b>	1.024 03	976.53	370.11	1.1225
1.028 35	972.44	389.39	1.1816	<b>90</b>	1.027 88	972.87	390.16	1.1809	<b>90</b>	1.027 42	973.31	390.94	1.1802
1.031 89	969.10	410.25	1.2387	<b>95</b>	1.031 42	969.54	411.02	1.2379	<b>95</b>	1.030 95	969.98	411.79	1.2372
1.035 57	965.65	431.14	1.2950	<b>100</b>	1.035 09	966.10	431.90	1.2943	<b>100</b>	1.034 61	966.55	432.66	1.2935
1.039 39	962.10	452.06	1.3507	<b>105</b>	1.038 90	962.55	452.81	1.3499	<b>105</b>	1.038 41	963.01	453.55	1.3492
1.043 36	958.44	473.01	1.4057	<b>110</b>	1.042 86	958.90	473.74	1.4049	<b>110</b>	1.042 36	959.36	474.47	1.4041
1.047 47	954.68	493.98	1.4601	<b>115</b>	1.046 95	955.15	494.70	1.4593	<b>115</b>	1.046 44	955.62	495.43	1.4585
1.051 72	950.82	514.99	1.5139	<b>120</b>	1.051 19	951.30	515.70	1.5130	<b>120</b>	1.050 67	951.77	516.41	1.5122
1.056 12	946.86	536.03	1.5671	<b>125</b>	1.055 58	947.35	536.73	1.5662	<b>125</b>	1.055 04	947.83	537.43	1.5653
1.060 67	942.80	557.12	1.6197	<b>130</b>	1.060 11	943.30	557.80	1.6188	<b>130</b>	1.059 56	943.79	558.49	1.6179
1.065 37	938.64	578.24	1.6718	<b>135</b>	1.064 80	939.15	578.92	1.6708	<b>135</b>	1.064 23	939.65	579.59	1.6699
1.070 22	934.38	599.41	1.7233	<b>140</b>	1.069 64	934.90	600.07	1.7224	<b>140</b>	1.069 05	935.41	600.74	1.7214
1.075 24	930.03	620.63	1.7744	<b>145</b>	1.074 64	930.55	621.28	1.7734	<b>145</b>	1.074 03	931.07	621.93	1.7724
1.080 42	925.57	641.90	1.8250	<b>150</b>	1.079 80	926.10	642.54	1.8239	<b>150</b>	1.079 18	926.63	643.17	1.8229
1.085 77	921.01	663.23	1.8751	<b>155</b>	1.085 12	921.55	663.85	1.8740	<b>155</b>	1.084 48	922.10	664.47	1.8729
1.091 29	916.35	684.62	1.9247	<b>160</b>	1.090 62	916.91	685.22	1.9236	<b>160</b>	1.089 96	917.46	685.83	1.9225
1.096 99	911.58	706.07	1.9740	<b>165</b>	1.096 30	912.16	706.66	1.9728	<b>165</b>	1.095 62	912.73	707.25	1.9717
1.102 88	906.72	727.59	2.0228	<b>170</b>	1.102 17	907.30	728.16	2.0216	<b>170</b>	1.101 46	907.89	728.74	2.0204
1.108 96	901.74	749.18	2.0713	<b>175</b>	1.108 22	902.35	749.74	2.0700	<b>175</b>	1.107 49	902.95	750.30	2.0688
1.115 25	896.66	770.86	2.1194	<b>180</b>	1.114 48	897.28	771.39	2.1181	<b>180</b>	1.113 71	897.90	771.93	2.1168
1.121 74	891.47	792.61	2.1671	<b>185</b>	1.120 94	892.11	793.13	2.1658	<b>185</b>	1.120 15	892.74	793.65	2.1645
1.128 46	886.17	814.46	2.2145	<b>190</b>	1.127 62	886.82	814.96	2.2132	<b>190</b>	1.126 80	887.47	815.46	2.2118
1.135 40	880.74	836.40	2.2617	<b>195</b>	1.134 53	881.42	836.88	2.2602	<b>195</b>	1.133 67	882.09	837.35	2.2588
1.142 59	875.20	858.44	2.3085	<b>200</b>	1.141 68	875.90	858.90	2.3070	<b>200</b>	1.140 78	876.59	859.35	2.3056
1.157 75	863.74	902.86	2.4014	<b>210</b>	1.156 76	864.49	903.26	2.3998	<b>210</b>	1.155 77	865.23	903.66	2.3983
1.174 05	851.75	947.77	2.4934	<b>220</b>	1.172 95	852.55	948.11	2.4917	<b>220</b>	1.171 86	853.34	948.46	2.4900
1.191 64	839.18	993.24	2.5847	<b>230</b>	1.190 42	840.04	993.51	2.5828	<b>230</b>	1.189 21	840.90	993.79	2.5810
1.210 69	825.97	1039.4	2.6754	<b>240</b>	1.209 32	826.91	1039.5	2.6734	<b>240</b>	1.207 97	827.84	1039.7	2.6715
1.231 44	812.06	1086.2	2.7658	<b>250</b>	1.229 89	813.08	1086.3	2.7637	<b>250</b>	1.228 36	814.09	1086.4	2.7615
1.254 17	797.34	1133.9	2.8562	<b>260</b>	1.252 40	798.47	1133.9	2.8538	<b>260</b>	1.250 65	799.58	1133.9	2.8515
1.279 25	781.71	1182.7	2.9468	<b>270</b>	1.277 20	782.96	1182.5	2.9442	<b>270</b>	1.275 18	784.20	1182.4	2.9416
1.307 18	765.01	1232.7	3.0380	<b>280</b>	1.304 77	766.42	1232.3	3.0350	<b>280</b>	1.302 41	767.81	1232.0	3.0321
1.338 65	747.02	1284.1	3.1302	<b>290</b>	1.335 77	748.63	1283.6	3.1268	<b>290</b>	1.332 96	750.21	1283.1	3.1236

**Table 3. Compressed Water and Superheated Steam (continued)**

16 MPa ( $t_s = 347.355\text{ °C}$ )				$t, \text{°C}$	17 MPa ( $t_s = 352.293\text{ °C}$ )				$t, \text{°C}$	18 MPa ( $t_s = 356.992\text{ °C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.374 64	727.46	1337.4	3.2240	<b>300</b>	1.371 12	729.33	1336.6	3.2202	<b>300</b>	1.367 69	731.16	1335.8	3.2164
1.416 65	705.89	1393.2	3.3204	<b>310</b>	1.412 19	708.12	1391.9	3.3158	<b>310</b>	1.407 89	710.29	1390.8	3.3114
1.467 11	681.61	1452.1	3.4206	<b>320</b>	1.461 22	684.36	1450.3	3.4151	<b>320</b>	1.455 58	687.01	1448.6	3.4098
1.530 44	653.41	1515.8	3.5271	<b>330</b>	1.522 11	656.98	1513.1	3.5201	<b>330</b>	1.514 26	660.39	1510.6	3.5133
1.616 30	618.70	1587.4	3.6447	<b>340</b>	1.602 96	623.85	1582.9	3.6347	<b>340</b>	1.590 81	628.61	1578.8	3.6255
9.7658	102.40	2617.0	5.3045	<b>350</b>	1.726 98	579.05	1666.6	3.7702	<b>350</b>	1.702 99	587.20	1658.7	3.7547
11.061	90.407	2715.8	5.4619	<b>360</b>	9.6038	104.12	2651.1	5.3434	<b>360</b>	8.1112	123.29	2566.1	5.1952
12.046	83.012	2788.4	5.5756	<b>370</b>	10.713	93.345	2739.9	5.4826	<b>370</b>	9.4535	105.78	2683.9	5.3799
12.878	77.652	2848.3	5.6681	<b>380</b>	11.598	86.222	2808.7	5.5888	<b>380</b>	10.419	95.974	2764.9	5.5050
13.613	73.457	2900.6	5.7476	<b>390</b>	12.359	80.914	2866.7	5.6770	<b>390</b>	11.218	89.143	2830.3	5.6042
14.281	70.021	2947.6	5.8179	<b>400</b>	13.038	76.697	2917.9	5.7536	<b>400</b>	11.916	83.924	2886.4	5.6883
14.899	67.117	2990.7	5.8816	<b>410</b>	13.660	73.209	2964.2	5.8219	<b>410</b>	12.545	79.716	2936.4	5.7620
15.478	64.606	3031.0	5.9401	<b>420</b>	14.237	70.241	3007.0	5.8841	<b>420</b>	13.123	76.202	2982.0	5.8283
16.026	62.398	3069.0	5.9945	<b>430</b>	14.779	67.664	3047.1	5.9414	<b>430</b>	13.663	73.193	3024.4	5.8890
16.548	60.429	3105.1	6.0455	<b>440</b>	15.293	65.389	3084.9	5.9949	<b>440</b>	14.171	70.566	3064.1	5.9451
17.049	58.654	3139.7	6.0937	<b>450</b>	15.784	63.356	3121.0	6.0451	<b>450</b>	14.654	68.239	3101.8	5.9975
17.531	57.040	3173.0	6.1395	<b>460</b>	16.255	61.519	3155.6	6.0927	<b>460</b>	15.117	66.152	3137.7	6.0469
17.998	55.561	3205.3	6.1832	<b>470</b>	16.710	59.846	3189.0	6.1379	<b>470</b>	15.561	64.263	3172.3	6.0938
18.451	54.197	3236.7	6.2252	<b>480</b>	17.150	58.310	3221.4	6.1812	<b>480</b>	15.990	62.538	3205.7	6.1384
18.892	52.931	3267.3	6.2656	<b>490</b>	17.577	56.892	3252.9	6.2227	<b>490</b>	16.406	60.953	3238.1	6.1812
19.323	51.752	3297.3	6.3046	<b>500</b>	17.994	55.575	3283.6	6.2628	<b>500</b>	16.810	59.488	3269.7	6.2223
20.157	49.610	3355.6	6.3790	<b>520</b>	18.798	53.197	3343.2	6.3389	<b>520</b>	17.589	56.854	3330.7	6.3002
20.961	47.708	3412.1	6.4493	<b>540</b>	19.571	51.096	3400.8	6.4106	<b>540</b>	18.335	54.541	3389.5	6.3734
21.739	45.999	3467.2	6.5163	<b>560</b>	20.318	49.217	3456.9	6.4787	<b>560</b>	19.054	52.481	3446.5	6.4427
22.497	44.450	3521.2	6.5804	<b>580</b>	21.044	47.519	3511.7	6.5438	<b>580</b>	19.752	50.628	3502.2	6.5087
23.238	43.034	3574.4	6.6421	<b>600</b>	21.752	45.973	3565.7	6.6063	<b>600</b>	20.431	48.945	3556.8	6.5720
23.963	41.731	3627.0	6.7016	<b>620</b>	22.444	44.555	3618.8	6.6665	<b>620</b>	21.094	47.406	3610.6	6.6329
24.675	40.527	3679.0	6.7591	<b>640</b>	23.123	43.246	3671.4	6.7247	<b>640</b>	21.744	45.989	3663.8	6.6918
25.376	39.407	3730.6	6.8150	<b>660</b>	23.791	42.033	3723.5	6.7811	<b>660</b>	22.382	44.678	3716.3	6.7487
26.067	38.363	3781.9	6.8694	<b>680</b>	24.449	40.902	3775.2	6.8360	<b>680</b>	23.010	43.459	3768.5	6.8041
26.749	37.385	3832.9	6.9224	<b>700</b>	25.097	39.845	3826.6	6.8894	<b>700</b>	23.629	42.321	3820.4	6.8579
27.423	36.465	3883.8	6.9741	<b>720</b>	25.738	38.853	3877.9	6.9415	<b>720</b>	24.240	41.254	3872.0	6.9104
28.091	35.599	3934.5	7.0247	<b>740</b>	26.372	37.919	3928.9	6.9924	<b>740</b>	24.844	40.251	3923.4	6.9616
28.752	34.780	3985.1	7.0742	<b>760</b>	26.999	37.038	3979.9	7.0422	<b>760</b>	25.441	39.306	3974.6	7.0117
29.407	34.005	4035.7	7.1227	<b>780</b>	27.621	36.205	4030.8	7.0910	<b>780</b>	26.033	38.413	4025.8	7.0608
30.058	33.269	4086.3	7.1703	<b>800</b>	28.237	35.414	4081.6	7.1388	<b>800</b>	26.619	37.566	4076.9	7.1089
30.703	32.570	4137.0	7.2171	<b>820</b>	28.849	34.663	4132.5	7.1858	<b>820</b>	27.201	36.763	4128.0	7.1560
31.345	31.903	4187.6	7.2630	<b>840</b>	29.457	33.948	4183.4	7.2319	<b>840</b>	27.779	35.999	4179.1	7.2024
31.983	31.267	4238.3	7.3082	<b>860</b>	30.061	33.266	4234.3	7.2772	<b>860</b>	28.352	35.270	4230.3	7.2479
32.617	30.659	4289.1	7.3526	<b>880</b>	30.661	32.615	4285.3	7.3218	<b>880</b>	28.923	34.575	4281.4	7.2927
33.247	30.078	4340.0	7.3964	<b>900</b>	31.258	31.992	4336.4	7.3658	<b>900</b>	29.489	33.911	4332.7	7.3368
33.875	29.520	4391.0	7.4395	<b>920</b>	31.852	31.396	4387.5	7.4090	<b>920</b>	30.053	33.274	4384.0	7.3801
34.500	28.985	4442.2	7.4819	<b>940</b>	32.443	30.823	4438.8	7.4516	<b>940</b>	30.614	32.665	4435.5	7.4229
35.123	28.472	4493.4	7.5238	<b>960</b>	33.031	30.274	4490.2	7.4936	<b>960</b>	31.173	32.080	4487.0	7.4650
35.743	27.978	4544.8	7.5652	<b>980</b>	33.618	29.746	4541.7	7.5351	<b>980</b>	31.729	31.517	4538.7	7.5066
36.361	27.502	4596.3	7.6060	<b>1000</b>	34.202	29.238	4593.4	7.5760	<b>1000</b>	32.282	30.977	4590.5	7.5476
39.422	25.366	4856.3	7.8025	<b>1100</b>	37.093	26.959	4853.9	7.7730	<b>1100</b>	35.023	28.553	4851.6	7.7450
42.447	23.559	5120.4	7.9882	<b>1200</b>	39.948	25.033	5118.5	7.9589	<b>1200</b>	37.727	26.506	5116.6	7.9313
45.444	22.005	5388.7	8.1644	<b>1300</b>	42.775	23.378	5387.2	8.1354	<b>1300</b>	40.403	24.750	5385.7	8.1080
48.420	20.652	5661.3	8.3323	<b>1400</b>	45.582	21.938	5660.1	8.3035	<b>1400</b>	43.059	23.224	5658.8	8.2763
51.381	19.462	5937.9	8.4929	<b>1500</b>	48.373	20.673	5936.9	8.4642	<b>1500</b>	45.699	21.882	5935.9	8.4372
54.329	18.406	6218.3	8.6467	<b>1600</b>	51.151	19.550	6217.5	8.6182	<b>1600</b>	48.327	20.693	6216.7	8.5912
60.197	16.612	6789.6	8.9364	<b>1800</b>	56.679	17.643	6789.1	8.9080	<b>1800</b>	53.553	18.673	6788.6	8.8813
66.037	15.143	7373.2	9.2052	<b>2000</b>	62.181	16.082	7373.0	9.1769	<b>2000</b>	58.753	17.021	7372.8	9.1502

**Table 3. Compressed Water and Superheated Steam (continued)**

19 MPa ( $t_s = 361.473\text{ °C}$ )				$t_s, \text{°C}$	20 MPa ( $t_s = 365.749\text{ °C}$ )				$t_s, \text{°C}$	22 MPa ( $t_s = 373.705\text{ °C}$ )			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
1.926 77	519.00	1777.2	3.9401	$t_{s(L)}$	2.0400	490.19	1827.2	4.0156	$t_{s(L)}$	2.7044	369.77	2011.3	4.2945
6.6773	149.76	2466.0	5.0256	$t_{s(V)}$	5.8652	170.50	2412.3	4.9314	$t_{s(V)}$	3.6475	274.16	2173.1	4.5446
0.990 84	1009.25	19.04	0.000 47	<b>0</b>	0.990 36	1009.74	20.03	0.000 47	<b>0</b>	0.989 41	1010.71	22.01	0.000 46
0.991 02	1009.07	39.70	0.075 43	<b>5</b>	0.990 55	1009.54	40.68	0.075 36	<b>5</b>	0.989 63	1010.48	42.61	0.075 21
0.991 52	1008.55	60.35	0.149 01	<b>10</b>	0.991 07	1009.01	61.31	0.148 88	<b>10</b>	0.990 17	1009.93	63.21	0.148 61
0.992 31	1007.75	81.00	0.221 28	<b>15</b>	0.991 87	1008.20	81.94	0.221 09	<b>15</b>	0.990 99	1009.09	83.81	0.220 72
0.993 35	1006.69	101.64	0.292 31	<b>20</b>	0.992 92	1007.13	102.57	0.292 07	<b>20</b>	0.992 05	1008.01	104.41	0.291 61
0.994 62	1005.41	122.29	0.362 15	<b>25</b>	0.994 19	1005.84	123.20	0.361 87	<b>25</b>	0.993 34	1006.70	125.02	0.361 32
0.996 11	1003.91	142.94	0.430 85	<b>30</b>	0.995 68	1004.34	143.84	0.430 53	<b>30</b>	0.994 84	1005.19	145.64	0.429 90
0.997 79	1002.22	163.61	0.498 45	<b>35</b>	0.997 37	1002.64	164.49	0.498 10	<b>35</b>	0.996 53	1003.49	166.27	0.497 39
0.999 65	1000.35	184.28	0.565 00	<b>40</b>	0.999 23	1000.77	185.16	0.564 61	<b>40</b>	0.998 40	1001.61	186.91	0.563 83
1.001 69	998.31	204.96	0.630 53	<b>45</b>	1.001 27	998.73	205.83	0.630 10	<b>45</b>	1.000 44	999.56	207.56	0.629 25
1.003 90	996.11	225.66	0.695 07	<b>50</b>	1.003 48	996.53	226.51	0.694 61	<b>50</b>	1.002 64	997.37	228.22	0.693 70
1.006 27	993.77	246.36	0.758 65	<b>55</b>	1.005 85	994.19	247.21	0.758 17	<b>55</b>	1.005 00	995.02	248.90	0.757 19
1.008 79	991.29	267.08	0.821 32	<b>60</b>	1.008 36	991.71	267.92	0.820 80	<b>60</b>	1.007 52	992.54	269.59	0.819 76
1.011 46	988.67	287.81	0.883 09	<b>65</b>	1.011 03	989.09	288.64	0.882 54	<b>65</b>	1.010 18	989.93	290.29	0.881 44
1.014 28	985.92	308.56	0.943 99	<b>70</b>	1.013 84	986.35	309.38	0.943 41	<b>70</b>	1.012 98	987.19	311.01	0.942 26
1.017 24	983.05	329.32	1.0041	<b>75</b>	1.016 80	983.48	330.13	1.0035	<b>75</b>	1.015 93	984.32	331.74	1.0022
1.020 34	980.07	350.10	1.0633	<b>80</b>	1.019 89	980.49	350.90	1.0627	<b>80</b>	1.019 01	981.35	352.49	1.0614
1.023 58	976.96	370.90	1.1218	<b>85</b>	1.023 13	977.39	371.69	1.1211	<b>85</b>	1.022 23	978.25	373.26	1.1198
1.026 96	973.75	391.72	1.1795	<b>90</b>	1.026 50	974.18	392.49	1.1788	<b>90</b>	1.025 59	975.05	394.05	1.1775
1.030 48	970.42	412.55	1.2365	<b>95</b>	1.030 01	970.86	413.32	1.2358	<b>95</b>	1.029 08	971.74	414.85	1.2344
1.034 13	966.99	433.41	1.2928	<b>100</b>	1.033 66	967.44	434.17	1.2920	<b>100</b>	1.032 71	968.32	435.68	1.2906
1.037 93	963.46	454.30	1.3484	<b>105</b>	1.037 44	963.91	455.04	1.3476	<b>105</b>	1.036 48	964.81	456.54	1.3461
1.041 86	959.82	475.21	1.4033	<b>110</b>	1.041 36	960.28	475.94	1.4025	<b>110</b>	1.040 38	961.19	477.42	1.4009
1.045 93	956.08	496.15	1.4576	<b>115</b>	1.045 43	956.55	496.88	1.4568	<b>115</b>	1.044 42	957.47	498.33	1.4551
1.050 15	952.25	517.13	1.5113	<b>120</b>	1.049 63	952.72	517.84	1.5105	<b>120</b>	1.048 60	953.66	519.27	1.5088
1.054 51	948.31	538.13	1.5644	<b>125</b>	1.053 98	948.79	538.84	1.5635	<b>125</b>	1.052 92	949.74	540.24	1.5618
1.059 01	944.28	559.18	1.6169	<b>130</b>	1.058 47	944.76	559.87	1.6160	<b>130</b>	1.057 38	945.73	561.25	1.6142
1.063 67	940.14	580.27	1.6689	<b>135</b>	1.063 11	940.64	580.95	1.6680	<b>135</b>	1.061 99	941.63	582.31	1.6661
1.068 47	935.91	601.40	1.7204	<b>140</b>	1.067 90	936.42	602.07	1.7194	<b>140</b>	1.066 75	937.43	603.40	1.7175
1.073 44	931.59	622.58	1.7713	<b>145</b>	1.072 84	932.10	623.23	1.7703	<b>145</b>	1.071 66	933.13	624.54	1.7683
1.078 56	927.16	643.81	1.8218	<b>150</b>	1.077 95	927.69	644.45	1.8208	<b>150</b>	1.076 73	928.74	645.73	1.8187
1.083 85	922.64	665.10	1.8718	<b>155</b>	1.083 21	923.18	665.72	1.8707	<b>155</b>	1.081 96	924.25	666.97	1.8686
1.089 30	918.02	686.44	1.9214	<b>160</b>	1.088 65	918.57	687.05	1.9203	<b>160</b>	1.087 35	919.67	688.27	1.9181
1.094 94	913.29	707.84	1.9705	<b>165</b>	1.094 26	913.86	708.44	1.9694	<b>165</b>	1.092 92	914.98	709.63	1.9671
1.100 75	908.47	729.31	2.0192	<b>170</b>	1.100 05	909.05	729.89	2.0181	<b>170</b>	1.098 66	910.20	731.05	2.0157
1.106 75	903.54	750.86	2.0676	<b>175</b>	1.106 03	904.14	751.42	2.0664	<b>175</b>	1.104 58	905.32	752.54	2.0639
1.112 95	898.51	772.48	2.1156	<b>180</b>	1.112 20	899.12	773.02	2.1143	<b>180</b>	1.110 70	900.33	774.11	2.1118
1.119 36	893.37	794.17	2.1632	<b>185</b>	1.118 57	894.00	794.70	2.1619	<b>185</b>	1.117 01	895.24	795.75	2.1593
1.125 97	888.12	815.96	2.2105	<b>190</b>	1.125 16	888.77	816.46	2.2091	<b>190</b>	1.123 54	890.05	817.48	2.2065
1.132 81	882.76	837.83	2.2574	<b>195</b>	1.131 96	883.42	838.32	2.2561	<b>195</b>	1.130 27	884.74	839.29	2.2533
1.139 89	877.28	859.81	2.3041	<b>200</b>	1.139 00	877.97	860.27	2.3027	<b>200</b>	1.137 24	879.32	861.20	2.2999
1.154 79	865.96	904.07	2.3967	<b>210</b>	1.153 81	866.69	904.48	2.3952	<b>210</b>	1.151 89	868.14	905.31	2.3921
1.170 78	854.13	948.81	2.4884	<b>220</b>	1.169 71	854.91	949.16	2.4867	<b>220</b>	1.167 59	856.46	949.88	2.4834
1.188 01	841.75	994.08	2.5792	<b>230</b>	1.186 82	842.59	994.37	2.5774	<b>230</b>	1.184 48	844.25	994.96	2.5739
1.206 63	828.76	1040.0	2.6695	<b>240</b>	1.205 30	829.67	1040.2	2.6676	<b>240</b>	1.202 69	831.47	1040.6	2.6638
1.226 85	815.10	1086.5	2.7594	<b>250</b>	1.225 36	816.09	1086.7	2.7573	<b>250</b>	1.222 42	818.05	1086.9	2.7532
1.248 93	800.68	1133.9	2.8492	<b>260</b>	1.247 23	801.78	1134.0	2.8469	<b>260</b>	1.243 90	803.92	1134.0	2.8423
1.273 20	785.42	1182.3	2.9390	<b>270</b>	1.271 25	786.63	1182.2	2.9365	<b>270</b>	1.267 43	789.00	1182.0	2.9315
1.300 10	769.17	1231.8	3.0293	<b>280</b>	1.297 82	770.52	1231.5	3.0265	<b>280</b>	1.293 38	773.17	1231.0	3.0209
1.330 20	751.77	1282.6	3.1203	<b>290</b>	1.327 50	753.29	1282.1	3.1172	<b>290</b>	1.322 27	756.28	1281.3	3.1110

**Table 3. Compressed Water and Superheated Steam (continued)**

19 MPa ( $t_s = 361.473\text{ °C}$ )					$t, \text{°C}$	20 MPa ( $t_s = 365.749\text{ °C}$ )					$t, \text{°C}$	22 MPa ( $t_s = 373.705\text{ °C}$ )				
$v$	$\rho$	$h$	$s$	$t, \text{°C}$		$v$	$\rho$	$h$	$s$	$t, \text{°C}$		$v$	$\rho$	$h$	$s$	
1.364 34	732.95	1335.1	3.2127	<b>300</b>	1.361 08	734.71	1334.4	3.2091	<b>300</b>	1.354 78	738.13	1333.0	3.2021			
1.403 71	712.40	1389.7	3.3071	<b>310</b>	1.399 66	714.46	1388.6	3.3029	<b>310</b>	1.391 90	718.44	1386.7	3.2948			
1.450 17	689.58	1447.0	3.4046	<b>320</b>	1.444 96	692.06	1445.5	3.3996	<b>320</b>	1.435 09	696.82	1442.7	3.3900			
1.506 83	663.64	1508.2	3.5068	<b>330</b>	1.499 78	666.76	1505.9	3.5006	<b>330</b>	1.486 66	672.65	1501.8	3.4889			
1.579 64	633.06	1575.0	3.6168	<b>340</b>	1.569 29	637.23	1571.6	3.6086	<b>340</b>	1.550 60	644.91	1565.4	3.5934			
1.682 65	594.30	1651.9	3.7412	<b>350</b>	1.664 90	600.64	1646.0	3.7290	<b>350</b>	1.634 87	611.67	1635.9	3.7075			
1.873 74	533.69	1755.2	3.9054	<b>360</b>	1.824 79	548.01	1740.1	3.8787	<b>360</b>	1.760 12	568.14	1719.4	3.8404			
8.2199	121.66	2616.3	5.2610	<b>370</b>	6.9234	144.44	2526.5	5.1097	<b>370</b>	2.0286	492.96	1842.5	4.0332			
9.3160	107.34	2715.9	5.4147	<b>380</b>	8.2599	121.07	2659.4	5.3149	<b>380</b>	6.1234	163.31	2504.5	5.0555			
10.168	98.345	2790.7	5.5284	<b>390</b>	9.1906	108.81	2747.2	5.4483	<b>390</b>	7.3787	135.52	2643.9	5.2675			
10.892	91.810	2852.8	5.6215	<b>400</b>	9.9503	100.50	2816.9	5.5525	<b>400</b>	8.2556	121.13	2735.8	5.4051			
11.533	86.704	2907.1	5.7015	<b>410</b>	10.610	94.255	2876.2	5.6400	<b>410</b>	8.9702	111.48	2808.4	5.5122			
12.117	82.531	2956.0	5.7725	<b>420</b>	11.201	89.278	2928.7	5.7163	<b>420</b>	9.5893	104.28	2870.0	5.6018			
12.656	79.013	3000.8	5.8368	<b>430</b>	11.743	85.158	2976.4	5.7847	<b>430</b>	10.144	98.582	2924.5	5.6798			
13.162	75.979	3042.6	5.8958	<b>440</b>	12.247	81.652	3020.4	5.8469	<b>440</b>	10.651	93.886	2973.7	5.7494			
13.639	73.318	3082.0	5.9506	<b>450</b>	12.721	78.609	3061.7	5.9043	<b>450</b>	11.123	89.907	3019.2	5.8127			
14.094	70.950	3119.4	6.0020	<b>460</b>	13.171	75.926	3100.7	5.9579	<b>460</b>	11.565	86.465	3061.7	5.8710			
14.530	68.821	3155.3	6.0506	<b>470</b>	13.600	73.530	3137.8	6.0082	<b>470</b>	11.985	83.439	3101.8	5.9254			
14.950	66.889	3189.8	6.0967	<b>480</b>	14.012	71.368	3173.5	6.0559	<b>480</b>	12.385	80.744	3140.0	5.9764			
15.356	65.121	3223.1	6.1407	<b>490</b>	14.409	69.401	3207.9	6.1012	<b>490</b>	12.768	78.319	3176.5	6.0246			
15.750	63.494	3255.5	6.1829	<b>500</b>	14.793	67.598	3241.2	6.1446	<b>500</b>	13.138	76.116	3211.8	6.0705			
16.506	60.585	3318.0	6.2627	<b>520</b>	15.530	64.392	3305.2	6.2263	<b>520</b>	13.842	72.245	3279.0	6.1563			
17.228	58.044	3378.0	6.3374	<b>540</b>	16.231	61.609	3366.4	6.3025	<b>540</b>	14.508	68.929	3342.8	6.2358			
17.923	55.794	3436.0	6.4079	<b>560</b>	16.904	59.156	3425.4	6.3743	<b>560</b>	15.144	66.034	3404.0	6.3102			
18.595	53.777	3492.6	6.4750	<b>580</b>	17.554	56.966	3482.9	6.4424	<b>580</b>	15.755	63.471	3463.3	6.3805			
19.249	51.951	3548.0	6.5391	<b>600</b>	18.185	54.991	3539.0	6.5075	<b>600</b>	16.347	61.175	3521.0	6.4473			
19.886	50.286	3602.4	6.6008	<b>620</b>	18.799	53.194	3594.1	6.5699	<b>620</b>	16.921	59.099	3577.4	6.5113			
20.510	48.757	3656.1	6.6603	<b>640</b>	19.399	51.548	3648.4	6.6300	<b>640</b>	17.481	57.206	3632.9	6.5727			
21.122	47.344	3709.2	6.7178	<b>660</b>	19.987	50.032	3702.0	6.6881	<b>660</b>	18.028	55.469	3687.6	6.6319			
21.723	46.034	3761.8	6.7736	<b>680</b>	20.565	48.626	3755.1	6.7443	<b>680</b>	18.565	53.865	3741.6	6.6892			
22.316	44.812	3814.1	6.8278	<b>700</b>	21.133	47.318	3807.8	6.7990	<b>700</b>	19.092	52.378	3795.1	6.7447			
22.900	43.668	3866.0	6.8807	<b>720</b>	21.694	46.096	3860.1	6.8523	<b>720</b>	19.611	50.992	3848.2	6.7988			
23.477	42.595	3917.8	6.9323	<b>740</b>	22.247	44.950	3912.2	6.9042	<b>740</b>	20.122	49.696	3901.0	6.8514			
24.048	41.584	3969.3	6.9827	<b>760</b>	22.793	43.873	3964.1	6.9549	<b>760</b>	20.627	48.479	3953.5	6.9027			
24.612	40.630	4020.8	7.0320	<b>780</b>	23.334	42.856	4015.8	7.0045	<b>780</b>	21.126	47.334	4005.8	6.9529			
25.172	39.727	4072.2	7.0803	<b>800</b>	23.869	41.895	4067.5	7.0531	<b>800</b>	21.620	46.253	4058.0	7.0020			
25.727	38.870	4123.5	7.1277	<b>820</b>	24.400	40.983	4119.0	7.1007	<b>820</b>	22.109	45.230	4110.1	7.0500			
26.278	38.055	4174.9	7.1743	<b>840</b>	24.927	40.118	4170.6	7.1475	<b>840</b>	22.594	44.260	4162.1	7.0972			
26.824	37.280	4226.2	7.2200	<b>860</b>	25.449	39.294	4222.2	7.1934	<b>860</b>	23.074	43.339	4214.1	7.1435			
27.367	36.540	4277.6	7.2649	<b>880</b>	25.968	38.509	4273.7	7.2385	<b>880</b>	23.551	42.461	4266.0	7.1889			
27.907	35.833	4329.0	7.3092	<b>900</b>	26.483	37.759	4325.4	7.2829	<b>900</b>	24.025	41.624	4318.0	7.2336			
28.444	35.157	4380.6	7.3527	<b>920</b>	26.996	37.043	4377.1	7.3266	<b>920</b>	24.495	40.824	4370.1	7.2776			
28.978	34.509	4432.2	7.3956	<b>940</b>	27.506	36.356	4428.8	7.3696	<b>940</b>	24.963	40.059	4422.2	7.3209			
29.509	33.887	4483.9	7.4379	<b>960</b>	28.013	35.698	4480.7	7.4120	<b>960</b>	25.428	39.326	4474.3	7.3636			
30.038	33.291	4535.7	7.4796	<b>980</b>	28.518	35.066	4532.6	7.4538	<b>980</b>	25.891	38.623	4526.6	7.4056			
30.565	32.717	4587.6	7.5207	<b>1000</b>	29.020	34.459	4584.7	7.4950	<b>1000</b>	26.352	37.948	4578.9	7.4470			
33.171	30.147	4849.3	7.7185	<b>1100</b>	31.504	31.742	4846.9	7.6933	<b>1100</b>	28.626	34.934	4842.3	7.6462			
35.740	27.980	5114.7	7.9051	<b>1200</b>	33.952	29.454	5112.8	7.8802	<b>1200</b>	30.863	32.401	5109.1	7.8337			
38.281	26.122	5384.2	8.0820	<b>1300</b>	36.371	27.494	5382.6	8.0574	<b>1300</b>	33.073	30.236	5379.6	8.0113			
40.802	24.509	5657.6	8.2505	<b>1400</b>	38.771	25.793	5656.4	8.2260	<b>1400</b>	35.262	28.359	5653.9	8.1804			
43.307	23.091	5934.9	8.4115	<b>1500</b>	41.154	24.299	5933.9	8.3871	<b>1500</b>	37.435	26.713	5932.0	8.3418			
45.799	21.834	6215.9	8.5657	<b>1600</b>	43.525	22.975	6215.1	8.5414	<b>1600</b>	39.596	25.255	6213.6	8.4963			
50.756	19.702	6788.2	8.8559	<b>1800</b>	48.238	20.730	6787.7	8.8318	<b>1800</b>	43.890	22.784	6786.8	8.7870			
55.685	17.958	7372.6	9.1249	<b>2000</b>	52.925	18.895	7372.3	9.1010	<b>2000</b>	48.157	20.765	7371.9	9.0564			

**Table 3. Compressed Water and Superheated Steam (continued)**

25 MPa				$t, ^\circ\text{C}$	30 MPa				$t, ^\circ\text{C}$	35 MPa			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
0.988 00	1012.15	24.96	0.000 41	<b>0</b>	0.985 67	1014.54	29.86	0.000 27	<b>0</b>	0.983 38	1016.90	34.72	0.000 05
0.988 26	1011.88	45.51	0.074 96	<b>5</b>	0.986 01	1014.19	50.32	0.074 50	<b>5</b>	0.983 79	1016.48	55.10	0.073 98
0.988 84	1011.29	66.06	0.148 19	<b>10</b>	0.986 64	1013.54	70.79	0.147 45	<b>10</b>	0.984 47	1015.77	75.50	0.146 66
0.989 68	1010.43	86.62	0.220 15	<b>15</b>	0.987 53	1012.63	91.28	0.219 16	<b>15</b>	0.985 40	1014.81	95.91	0.218 13
0.990 77	1009.32	107.18	0.290 89	<b>20</b>	0.988 65	1011.48	111.77	0.289 68	<b>20</b>	0.986 56	1013.63	116.34	0.288 44
0.992 07	1007.99	127.75	0.360 47	<b>25</b>	0.989 98	1010.12	132.28	0.359 05	<b>25</b>	0.987 91	1012.23	136.80	0.357 61
0.993 58	1006.46	148.33	0.428 94	<b>30</b>	0.991 50	1008.57	152.81	0.427 32	<b>30</b>	0.989 46	1010.65	157.27	0.425 70
0.995 27	1004.75	168.93	0.496 32	<b>35</b>	0.993 21	1006.83	173.35	0.494 52	<b>35</b>	0.991 18	1008.90	177.75	0.492 72
0.997 15	1002.86	189.53	0.562 65	<b>40</b>	0.995 09	1004.93	193.90	0.560 69	<b>40</b>	0.993 07	1006.98	198.26	0.558 73
0.999 19	1000.81	210.15	0.627 98	<b>45</b>	0.997 14	1002.87	214.47	0.625 86	<b>45</b>	0.995 11	1004.91	218.78	0.623 74
1.001 39	998.61	230.79	0.692 33	<b>50</b>	0.999 33	1000.67	235.05	0.690 05	<b>50</b>	0.997 31	1002.70	239.31	0.687 78
1.003 75	996.27	251.43	0.755 73	<b>55</b>	1.001 68	998.32	255.65	0.753 30	<b>55</b>	0.999 65	1000.35	259.86	0.750 89
1.006 25	993.79	272.09	0.818 21	<b>60</b>	1.004 17	995.84	276.26	0.815 64	<b>60</b>	1.002 13	997.88	280.43	0.813 08
1.008 90	991.17	292.77	0.879 81	<b>65</b>	1.006 81	993.24	296.89	0.877 10	<b>65</b>	1.004 75	995.28	301.01	0.874 40
1.011 70	988.44	313.46	0.940 54	<b>70</b>	1.009 58	990.51	317.53	0.937 69	<b>70</b>	1.007 50	992.56	321.60	0.934 86
1.014 63	985.59	334.16	1.0004	<b>75</b>	1.012 49	987.67	338.19	0.997 46	<b>75</b>	1.010 38	989.73	342.21	0.994 50
1.017 69	982.61	354.88	1.0595	<b>80</b>	1.015 53	984.71	358.86	1.0564	<b>80</b>	1.013 39	986.78	362.84	1.0533
1.020 90	979.53	375.62	1.1178	<b>85</b>	1.018 70	981.65	379.55	1.1146	<b>85</b>	1.016 54	983.73	383.49	1.1114
1.024 23	976.34	396.38	1.1754	<b>90</b>	1.022 00	978.47	400.26	1.1720	<b>90</b>	1.019 80	980.58	404.15	1.1687
1.027 70	973.05	417.15	1.2322	<b>95</b>	1.025 43	975.20	420.99	1.2287	<b>95</b>	1.023 20	977.33	424.83	1.2252
1.031 30	969.65	437.95	1.2883	<b>100</b>	1.028 99	971.82	441.74	1.2847	<b>100</b>	1.026 72	973.97	445.54	1.2811
1.035 04	966.14	458.78	1.3438	<b>105</b>	1.032 68	968.35	462.52	1.3400	<b>105</b>	1.030 37	970.53	466.26	1.3363
1.038 91	962.54	479.63	1.3986	<b>110</b>	1.036 51	964.78	483.32	1.3946	<b>110</b>	1.034 14	966.98	487.01	1.3908
1.042 92	958.85	500.50	1.4527	<b>115</b>	1.040 46	961.11	504.14	1.4486	<b>115</b>	1.038 05	963.35	507.79	1.4447
1.047 06	955.05	521.41	1.5062	<b>120</b>	1.044 55	957.35	525.00	1.5020	<b>120</b>	1.042 08	959.62	528.59	1.4979
1.051 34	951.16	542.35	1.5591	<b>125</b>	1.048 77	953.50	545.88	1.5548	<b>125</b>	1.046 24	955.80	549.43	1.5506
1.055 77	947.18	563.33	1.6115	<b>130</b>	1.053 12	949.56	566.81	1.6070	<b>130</b>	1.050 53	951.90	570.29	1.6027
1.060 33	943.10	584.35	1.6633	<b>135</b>	1.057 62	945.52	587.76	1.6587	<b>135</b>	1.054 96	947.90	591.20	1.6542
1.065 05	938.93	605.41	1.7146	<b>140</b>	1.062 26	941.39	608.76	1.7098	<b>140</b>	1.059 53	943.82	612.14	1.7052
1.069 91	934.66	626.51	1.7654	<b>145</b>	1.067 04	937.17	629.80	1.7605	<b>145</b>	1.064 23	939.64	633.12	1.7557
1.074 92	930.30	647.66	1.8156	<b>150</b>	1.071 97	932.86	650.89	1.8106	<b>150</b>	1.069 08	935.38	654.14	1.8056
1.080 09	925.85	668.86	1.8654	<b>155</b>	1.077 05	928.46	672.02	1.8602	<b>155</b>	1.074 07	931.04	675.21	1.8551
1.085 43	921.30	690.11	1.9148	<b>160</b>	1.082 28	923.97	693.21	1.9094	<b>160</b>	1.079 22	926.60	696.33	1.9042
1.090 93	916.65	711.43	1.9637	<b>165</b>	1.087 68	919.39	714.45	1.9582	<b>165</b>	1.084 51	922.07	717.50	1.9528
1.096 60	911.91	732.80	2.0122	<b>170</b>	1.093 24	914.71	735.75	2.0065	<b>170</b>	1.089 97	917.46	738.73	2.0009
1.102 45	907.07	754.25	2.0604	<b>175</b>	1.098 97	909.94	757.11	2.0545	<b>175</b>	1.095 59	912.75	760.02	2.0487
1.108 49	902.13	775.76	2.1081	<b>180</b>	1.104 88	905.07	778.54	2.1020	<b>180</b>	1.101 38	907.95	781.37	2.0961
1.114 72	897.09	797.35	2.1555	<b>185</b>	1.110 98	900.11	800.05	2.1492	<b>185</b>	1.107 34	903.06	802.79	2.1431
1.121 15	891.94	819.02	2.2025	<b>190</b>	1.117 26	895.05	821.62	2.1961	<b>190</b>	1.113 49	898.08	824.28	2.1897
1.127 78	886.69	840.77	2.2492	<b>195</b>	1.123 74	889.88	843.28	2.2426	<b>195</b>	1.119 83	893.00	845.84	2.2361
1.134 64	881.33	862.61	2.2956	<b>200</b>	1.130 43	884.62	865.02	2.2888	<b>200</b>	1.126 36	887.82	867.48	2.2820
1.149 06	870.28	906.59	2.3876	<b>210</b>	1.144 47	873.76	908.77	2.3803	<b>210</b>	1.140 05	877.15	911.02	2.3731
1.164 49	858.75	951.00	2.4786	<b>220</b>	1.159 47	862.46	952.93	2.4707	<b>220</b>	1.154 64	866.07	954.94	2.4631
1.181 04	846.71	995.89	2.5687	<b>230</b>	1.175 52	850.69	997.54	2.5603	<b>230</b>	1.170 22	854.54	999.28	2.5521
1.198 87	834.12	1041.3	2.6582	<b>240</b>	1.192 75	838.40	1042.7	2.6491	<b>240</b>	1.186 90	842.53	1044.1	2.6403
1.218 14	820.92	1087.4	2.7471	<b>250</b>	1.211 31	825.56	1088.4	2.7373	<b>250</b>	1.204 81	830.00	1089.4	2.7278
1.239 06	807.06	1134.2	2.8357	<b>260</b>	1.231 37	812.10	1134.7	2.8250	<b>260</b>	1.224 11	816.92	1135.4	2.8148
1.261 90	792.46	1181.9	2.9242	<b>270</b>	1.253 17	797.98	1181.8	2.9126	<b>270</b>	1.244 98	803.23	1182.0	2.9014
1.286 99	777.01	1230.5	3.0129	<b>280</b>	1.276 98	783.10	1229.8	3.0001	<b>280</b>	1.267 66	788.85	1229.4	2.9879
1.314 78	760.59	1280.2	3.1020	<b>290</b>	1.303 15	767.37	1278.7	3.0878	<b>290</b>	1.292 45	773.73	1277.7	3.0744

**Table 3. Compressed Water and Superheated Steam (continued)**

25 MPa				t, °C	30 MPa				t, °C	35 MPa			
v	ρ	h	s		v	ρ	h	s		v	ρ	h	s
1.3459	743.02	1331.3	3.1919	<b>300</b>	1.3322	750.66	1328.9	3.1760	<b>300</b>	1.3197	757.74	1327.0	3.1612
1.3810	724.09	1384.1	3.2832	<b>310</b>	1.3646	732.80	1380.4	3.2652	<b>310</b>	1.3499	740.78	1377.6	3.2486
1.4215	703.49	1438.9	3.3764	<b>320</b>	1.4014	713.58	1433.7	3.3557	<b>320</b>	1.3837	722.67	1429.5	3.3370
1.4690	680.74	1496.4	3.4726	<b>330</b>	1.4436	692.69	1489.1	3.4483	<b>330</b>	1.4220	703.22	1483.2	3.4268
1.5264	655.13	1557.5	3.5731	<b>340</b>	1.4932	669.70	1547.1	3.5438	<b>340</b>	1.4660	682.13	1539.1	3.5186
1.5988	625.45	1623.9	3.6804	<b>350</b>	1.5529	643.95	1608.8	3.6436	<b>350</b>	1.5174	659.01	1597.6	3.6132
1.6969	589.31	1698.6	3.7993	<b>360</b>	1.6276	614.39	1675.6	3.7498	<b>360</b>	1.5791	633.29	1659.6	3.7120
1.8503	540.46	1789.8	3.9423	<b>370</b>	1.7268	579.09	1750.1	3.8666	<b>370</b>	1.6554	604.08	1726.5	3.8168
2.2182	450.82	1935.7	4.1671	<b>380</b>	1.8729	533.93	1838.2	4.0025	<b>380</b>	1.7546	569.94	1800.4	3.9308
4.6474	215.18	2395.7	4.8660	<b>390</b>	2.1331	468.81	1955.3	4.1804	<b>390</b>	1.8930	528.27	1885.4	4.0599
6.0047	166.54	2578.6	5.1400	<b>400</b>	2.7978	357.43	2152.8	4.4757	<b>400</b>	2.1054	474.97	1988.6	4.2143
6.8833	145.28	2687.1	5.3000	<b>410</b>	3.9809	251.20	2395.4	4.8336	<b>410</b>	2.4747	404.09	2123.9	4.4138
7.5792	131.94	2769.4	5.4197	<b>420</b>	4.9203	203.24	2552.9	5.0627	<b>420</b>	3.0838	324.28	2291.9	4.6579
8.1725	122.36	2837.8	5.5176	<b>430</b>	5.6366	177.41	2662.8	5.2200	<b>430</b>	3.7800	264.55	2447.6	4.8809
8.6986	114.96	2897.3	5.6016	<b>440</b>	6.2267	160.60	2748.9	5.3416	<b>440</b>	4.4120	226.65	2571.8	5.0564
9.1763	108.98	2950.6	5.6759	<b>450</b>	6.7373	148.43	2821.0	5.4421	<b>450</b>	4.9572	201.73	2671.0	5.1945
9.6176	103.98	2999.4	5.7428	<b>460</b>	7.1931	139.02	2884.0	5.5286	<b>460</b>	5.4336	184.04	2753.6	5.3080
10.030	99.701	3044.6	5.8042	<b>470</b>	7.6083	131.44	2940.4	5.6051	<b>470</b>	5.8588	170.68	2824.8	5.4046
10.419	95.976	3087.2	5.8610	<b>480</b>	7.9923	125.12	2992.0	5.6741	<b>480</b>	6.2450	160.13	2888.1	5.4891
10.789	92.686	3127.5	5.9142	<b>490</b>	8.3515	119.74	3039.9	5.7372	<b>490</b>	6.6009	151.49	2945.3	5.5646
11.143	89.744	3165.9	5.9642	<b>500</b>	8.6904	115.07	3084.7	5.7956	<b>500</b>	6.9325	144.25	2997.9	5.6331
11.811	84.670	3238.4	6.0569	<b>520</b>	9.3200	107.30	3167.6	5.9014	<b>520</b>	7.5392	132.64	3092.9	5.7544
12.436	80.411	3306.5	6.1416	<b>540</b>	9.9000	101.01	3243.6	5.9961	<b>540</b>	8.0893	123.62	3178.1	5.8605
13.029	76.752	3371.2	6.2202	<b>560</b>	10.442	95.763	3314.7	6.0825	<b>560</b>	8.5974	116.31	3256.4	5.9556
13.595	73.555	3433.3	6.2940	<b>580</b>	10.955	91.279	3382.2	6.1625	<b>580</b>	9.0732	110.21	3329.6	6.0425
14.140	70.720	3493.5	6.3637	<b>600</b>	11.445	87.377	3446.7	6.2373	<b>600</b>	9.5234	105.00	3398.9	6.1228
14.667	68.180	3552.1	6.4300	<b>620</b>	11.914	83.931	3509.1	6.3079	<b>620</b>	9.9527	100.48	3465.3	6.1980
15.179	65.881	3609.4	6.4935	<b>640</b>	12.368	80.854	3569.7	6.3750	<b>640</b>	10.365	96.480	3529.4	6.2689
15.678	63.785	3665.7	6.5545	<b>660</b>	12.808	78.078	3628.8	6.4391	<b>660</b>	10.762	92.916	3591.5	6.3363
16.165	61.861	3721.2	6.6133	<b>680</b>	13.236	75.553	3686.8	6.5006	<b>680</b>	11.148	89.704	3652.2	6.4006
16.643	60.084	3776.0	6.6702	<b>700</b>	13.653	73.242	3743.9	6.5598	<b>700</b>	11.523	86.786	3711.6	6.4622
17.113	58.437	3830.2	6.7254	<b>720</b>	14.062	71.112	3800.2	6.6171	<b>720</b>	11.888	84.118	3769.9	6.5216
17.574	56.901	3884.1	6.7791	<b>740</b>	14.463	69.141	3855.8	6.6726	<b>740</b>	12.246	81.662	3827.4	6.5789
18.029	55.465	3937.6	6.8313	<b>760</b>	14.857	67.307	3910.9	6.7264	<b>760</b>	12.596	79.391	3884.3	6.6345
18.478	54.117	3990.8	6.8823	<b>780</b>	15.245	65.594	3965.7	6.7789	<b>780</b>	12.940	77.280	3940.5	6.6884
18.922	52.848	4043.8	6.9322	<b>800</b>	15.628	63.990	4020.0	6.8300	<b>800</b>	13.278	75.310	3996.3	6.7409
19.361	51.651	4096.6	6.9810	<b>820</b>	16.005	62.481	4074.1	6.8800	<b>820</b>	13.612	73.466	4051.7	6.7920
19.795	50.518	4149.3	7.0287	<b>840</b>	16.378	61.058	4128.0	6.9288	<b>840</b>	13.941	71.733	4106.7	6.8419
20.225	49.443	4201.9	7.0756	<b>860</b>	16.747	59.714	4181.7	6.9766	<b>860</b>	14.265	70.100	4161.5	6.8907
20.652	48.421	4254.5	7.1216	<b>880</b>	17.112	58.440	4235.3	7.0235	<b>880</b>	14.586	68.557	4216.1	6.9385
21.075	47.449	4307.1	7.1668	<b>900</b>	17.473	57.230	4288.8	7.0695	<b>900</b>	14.904	67.097	4270.6	6.9853
21.496	46.521	4359.6	7.2112	<b>920</b>	17.832	56.079	4342.2	7.1147	<b>920</b>	15.218	65.710	4324.9	7.0312
21.913	45.635	4412.2	7.2549	<b>940</b>	18.188	54.982	4395.6	7.1591	<b>940</b>	15.530	64.392	4379.1	7.0763
22.328	44.787	4464.8	7.2979	<b>960</b>	18.541	53.935	4449.0	7.2027	<b>960</b>	15.839	63.136	4433.3	7.1205
22.740	43.975	4517.5	7.3403	<b>980</b>	18.891	52.934	4502.4	7.2457	<b>980</b>	16.145	61.937	4487.4	7.1641
23.150	43.196	4570.2	7.3820	<b>1000</b>	19.240	51.976	4555.8	7.2880	<b>1000</b>	16.450	60.792	4541.5	7.2069
25.172	39.726	4835.4	7.5825	<b>1100</b>	20.953	47.725	4823.8	7.4906	<b>1100</b>	17.942	55.734	4812.4	7.4118
27.157	36.822	5103.5	7.7710	<b>1200</b>	22.630	44.189	5094.2	7.6807	<b>1200</b>	19.398	51.552	5085.0	7.6034
29.115	34.346	5375.1	7.9493	<b>1300</b>	24.279	41.187	5367.6	7.8602	<b>1300</b>	20.827	48.015	5360.1	7.7841
31.052	32.204	5650.3	8.1189	<b>1400</b>	25.908	38.598	5644.2	8.0307	<b>1400</b>	22.235	44.974	5638.2	7.9554
32.974	30.327	5929.0	8.2807	<b>1500</b>	27.521	36.335	5924.2	8.1932	<b>1500</b>	23.628	42.322	5919.4	8.1186
34.883	28.668	6211.2	8.4356	<b>1600</b>	29.122	34.338	6207.4	8.3485	<b>1600</b>	25.009	39.986	6203.6	8.2746
38.672	25.858	6785.4	8.7267	<b>1800</b>	32.296	30.964	6783.1	8.6405	<b>1800</b>	27.742	36.046	6780.9	8.5673
42.436	23.565	7371.2	8.9965	<b>2000</b>	35.443	28.214	7370.1	8.9108	<b>2000</b>	30.450	32.841	7369.1	8.8382



**Table 3. Compressed Water and Superheated Steam (continued)**

40 MPa				<i>t</i> , °C	45 MPa				<i>t</i> , °C	50 MPa			
<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>
0.981 13	1019.23	39.55	-0.000 24	<b>0</b>	0.978 92	1021.54	44.35	-0.000 60	<b>0</b>	0.976 73	1023.82	49.13	-0.001 03
0.981 60	1018.74	59.85	0.073 40	<b>5</b>	0.979 45	1020.98	64.58	0.072 76	<b>5</b>	0.977 33	1023.20	69.28	0.072 07
0.982 34	1017.98	80.18	0.145 82	<b>10</b>	0.980 24	1020.16	84.83	0.144 94	<b>10</b>	0.978 16	1022.32	89.47	0.144 02
0.983 31	1016.97	100.53	0.217 07	<b>15</b>	0.981 25	1019.11	105.12	0.215 97	<b>15</b>	0.979 22	1021.22	109.69	0.214 83
0.984 50	1015.75	120.90	0.287 16	<b>20</b>	0.982 47	1017.85	125.44	0.285 86	<b>20</b>	0.980 47	1019.92	129.95	0.284 54
0.985 88	1014.32	141.29	0.356 15	<b>25</b>	0.983 87	1016.39	145.78	0.354 66	<b>25</b>	0.981 89	1018.44	150.24	0.353 16
0.987 44	1012.72	161.71	0.424 05	<b>30</b>	0.985 45	1014.76	166.14	0.422 40	<b>30</b>	0.983 49	1016.79	170.56	0.420 73
0.989 17	1010.94	182.15	0.490 91	<b>35</b>	0.987 20	1012.97	186.53	0.489 10	<b>35</b>	0.985 25	1014.97	190.89	0.487 27
0.991 07	1009.01	202.60	0.556 76	<b>40</b>	0.989 10	1011.02	206.93	0.554 79	<b>40</b>	0.987 15	1013.01	211.25	0.552 81
0.993 11	1006.93	223.07	0.621 61	<b>45</b>	0.991 14	1008.93	227.36	0.619 50	<b>45</b>	0.989 20	1010.92	231.63	0.617 38
0.995 31	1004.72	243.56	0.685 51	<b>50</b>	0.993 33	1006.71	247.80	0.683 25	<b>50</b>	0.991 39	1008.69	252.03	0.681 00
0.997 64	1002.37	264.06	0.748 48	<b>55</b>	0.995 66	1004.36	268.26	0.746 08	<b>55</b>	0.993 71	1006.33	272.45	0.743 69
1.000 11	999.89	284.58	0.810 54	<b>60</b>	0.998 12	1001.88	288.74	0.808 01	<b>60</b>	0.996 16	1003.86	292.88	0.805 49
1.002 71	997.30	305.12	0.871 72	<b>65</b>	1.000 71	999.29	309.23	0.869 06	<b>65</b>	0.998 73	1001.27	313.33	0.866 42
1.005 45	994.58	325.67	0.932 05	<b>70</b>	1.003 42	996.59	329.74	0.929 27	<b>70</b>	1.001 43	998.57	333.80	0.926 50
1.008 31	991.76	346.24	0.991 56	<b>75</b>	1.006 26	993.77	350.26	0.988 65	<b>75</b>	1.004 25	995.77	354.28	0.985 75
1.011 29	988.83	366.82	1.0503	<b>80</b>	1.009 23	990.86	370.80	1.0472	<b>80</b>	1.007 19	992.86	374.78	1.0442
1.014 41	985.80	387.42	1.1082	<b>85</b>	1.012 31	987.84	391.36	1.1050	<b>85</b>	1.010 25	989.85	395.29	1.1019
1.017 64	982.66	408.04	1.1654	<b>90</b>	1.015 52	984.72	411.93	1.1621	<b>90</b>	1.013 43	986.75	415.82	1.1588
1.021 00	979.43	428.68	1.2218	<b>95</b>	1.018 84	981.50	432.52	1.2184	<b>95</b>	1.016 72	983.56	436.37	1.2150
1.024 49	976.10	449.33	1.2775	<b>100</b>	1.022 29	978.20	453.14	1.2740	<b>100</b>	1.020 13	980.27	456.94	1.2705
1.028 09	972.68	470.01	1.3326	<b>105</b>	1.025 85	974.80	473.77	1.3289	<b>105</b>	1.023 65	976.89	477.53	1.3253
1.031 82	969.16	490.72	1.3870	<b>110</b>	1.029 54	971.31	494.42	1.3832	<b>110</b>	1.027 30	973.43	498.14	1.3795
1.035 68	965.55	511.44	1.4407	<b>115</b>	1.033 35	967.73	515.10	1.4368	<b>115</b>	1.031 06	969.88	518.77	1.4330
1.039 65	961.86	532.20	1.4938	<b>120</b>	1.037 28	964.06	535.81	1.4898	<b>120</b>	1.034 94	966.24	539.43	1.4859
1.043 76	958.07	552.98	1.5464	<b>125</b>	1.041 33	960.31	556.54	1.5422	<b>125</b>	1.038 94	962.52	560.12	1.5381
1.047 99	954.20	573.79	1.5983	<b>130</b>	1.045 50	956.48	577.31	1.5941	<b>130</b>	1.043 06	958.72	580.83	1.5898
1.052 36	950.25	594.64	1.6497	<b>135</b>	1.049 81	952.56	598.10	1.6453	<b>135</b>	1.047 30	954.83	601.58	1.6410
1.056 85	946.20	615.53	1.7006	<b>140</b>	1.054 24	948.55	618.93	1.6960	<b>140</b>	1.051 67	950.87	622.36	1.6916
1.061 49	942.08	636.45	1.7509	<b>145</b>	1.058 80	944.47	639.80	1.7462	<b>145</b>	1.056 16	946.82	643.17	1.7417
1.066 26	937.86	657.42	1.8008	<b>150</b>	1.063 49	940.30	660.71	1.7960	<b>150</b>	1.060 79	942.70	664.02	1.7912
1.071 17	933.56	678.42	1.8501	<b>155</b>	1.068 32	936.05	681.66	1.8452	<b>155</b>	1.065 54	938.49	684.91	1.8403
1.076 22	929.18	699.48	1.8990	<b>160</b>	1.073 29	931.71	702.65	1.8939	<b>160</b>	1.070 43	934.20	705.84	1.8889
1.081 42	924.71	720.58	1.9474	<b>165</b>	1.078 41	927.29	723.69	1.9422	<b>165</b>	1.075 46	929.83	726.82	1.9371
1.086 78	920.15	741.74	1.9955	<b>170</b>	1.083 67	922.79	744.78	1.9901	<b>170</b>	1.080 63	925.39	747.85	1.9848
1.092 29	915.51	762.96	2.0431	<b>175</b>	1.089 08	918.21	765.93	2.0375	<b>175</b>	1.085 94	920.86	768.93	2.0321
1.097 97	910.77	784.23	2.0903	<b>180</b>	1.094 65	913.54	787.13	2.0846	<b>180</b>	1.091 41	916.25	790.06	2.0790
1.103 81	905.95	805.57	2.1371	<b>185</b>	1.100 37	908.78	808.39	2.1312	<b>185</b>	1.097 03	911.55	811.25	2.1255
1.109 83	901.04	826.97	2.1836	<b>190</b>	1.106 27	903.94	829.72	2.1775	<b>190</b>	1.102 81	906.78	832.50	2.1716
1.116 03	896.04	848.45	2.2297	<b>195</b>	1.112 34	899.01	851.11	2.2235	<b>195</b>	1.108 75	901.92	853.81	2.2174
1.122 41	890.94	870.00	2.2755	<b>200</b>	1.118 58	893.99	872.57	2.2691	<b>200</b>	1.114 86	896.97	875.19	2.2628
1.135 78	880.46	913.34	2.3661	<b>210</b>	1.131 64	883.67	915.72	2.3593	<b>210</b>	1.127 63	886.82	918.16	2.3527
1.149 99	869.57	957.04	2.4556	<b>220</b>	1.145 50	872.98	959.21	2.4484	<b>220</b>	1.141 16	876.30	961.45	2.4414
1.165 14	858.27	1001.1	2.5442	<b>230</b>	1.160 24	861.89	1003.1	2.5364	<b>230</b>	1.155 53	865.41	1005.1	2.5289
1.181 31	846.52	1045.7	2.6318	<b>240</b>	1.175 95	850.38	1047.3	2.6236	<b>240</b>	1.170 80	854.12	1049.1	2.6156
1.198 63	834.29	1090.7	2.7187	<b>250</b>	1.192 72	838.42	1092.0	2.7099	<b>250</b>	1.187 07	842.41	1093.5	2.7013
1.217 23	821.54	1136.3	2.8050	<b>260</b>	1.210 68	825.98	1137.3	2.7955	<b>260</b>	1.204 44	830.26	1138.4	2.7864
1.237 27	808.23	1182.4	2.8908	<b>270</b>	1.229 97	813.03	1183.1	2.8806	<b>270</b>	1.223 05	817.63	1183.9	2.8708
1.258 95	794.31	1229.3	2.9764	<b>280</b>	1.250 76	799.51	1229.5	2.9653	<b>280</b>	1.243 03	804.48	1229.9	2.9547
1.282 52	779.72	1277.0	3.0618	<b>290</b>	1.273 25	785.39	1276.7	3.0498	<b>290</b>	1.264 57	790.78	1276.6	3.0383

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>40 MPa</b>				<b>t, °C</b>	<b>45 MPa</b>				<b>t, °C</b>	<b>50 MPa</b>			
<b>v</b>	<b>ρ</b>	<b>h</b>	<b>s</b>		<b>v</b>	<b>ρ</b>	<b>h</b>	<b>s</b>		<b>v</b>	<b>ρ</b>	<b>h</b>	<b>s</b>
1.3083	764.36	1325.6	3.1473	<b>300</b>	1.2977	770.59	1324.6	3.1342	<b>300</b>	1.2879	776.48	1324.0	3.1218
1.3366	748.16	1375.3	3.2332	<b>310</b>	1.3244	755.04	1373.5	3.2188	<b>310</b>	1.3132	761.50	1372.2	3.2052
1.3680	730.98	1426.2	3.3198	<b>320</b>	1.3538	738.65	1423.5	3.3038	<b>320</b>	1.3409	745.79	1421.4	3.2888
1.4032	712.68	1478.5	3.4073	<b>330</b>	1.3864	721.30	1474.7	3.3894	<b>330</b>	1.3713	729.25	1471.6	3.3728
1.4429	693.06	1532.6	3.4962	<b>340</b>	1.4228	702.86	1527.4	3.4760	<b>340</b>	1.4049	711.78	1523.1	3.4575
1.4884	671.86	1588.8	3.5871	<b>350</b>	1.4638	683.14	1581.8	3.5640	<b>350</b>	1.4425	693.25	1576.1	3.5431
1.5415	648.73	1647.7	3.6808	<b>360</b>	1.5108	661.92	1638.3	3.6539	<b>360</b>	1.4848	673.51	1630.7	3.6301
1.6046	623.20	1709.9	3.7783	<b>370</b>	1.5652	638.91	1697.3	3.7464	<b>370</b>	1.5329	652.36	1687.4	3.7189
1.6819	594.56	1776.6	3.8813	<b>380</b>	1.6294	613.71	1759.6	3.8425	<b>380</b>	1.5884	629.57	1746.5	3.8101
1.7801	561.77	1849.6	3.9921	<b>390</b>	1.7071	585.80	1825.9	3.9433	<b>390</b>	1.6534	604.83	1808.6	3.9045
1.9108	523.34	1931.4	4.1145	<b>400</b>	1.8034	554.49	1897.7	4.0507	<b>400</b>	1.7307	577.79	1874.4	4.0029
2.0934	477.69	2025.5	4.2533	<b>410</b>	1.9267	519.03	1976.4	4.1667	<b>410</b>	1.8247	548.02	1944.7	4.1066
2.3601	423.72	2136.4	4.4144	<b>420</b>	2.0879	478.95	2063.7	4.2937	<b>420</b>	1.9409	515.23	2020.5	4.2168
2.7437	364.47	2264.5	4.5979	<b>430</b>	2.3016	434.49	2161.1	4.4331	<b>430</b>	2.0856	479.47	2102.5	4.3342
3.2092	311.60	2394.2	4.7810	<b>440</b>	2.5808	387.47	2267.9	4.5839	<b>440</b>	2.2660	441.31	2190.8	4.4589
3.6915	270.89	2511.8	4.9448	<b>450</b>	2.9154	343.00	2377.6	4.7367	<b>450</b>	2.4873	402.04	2284.7	4.5896
4.1480	241.08	2613.4	5.0844	<b>460</b>	3.2774	305.12	2482.7	4.8810	<b>460</b>	2.7454	364.24	2380.7	4.7215
4.5662	219.00	2700.8	5.2028	<b>470</b>	3.6415	274.61	2579.0	5.0115	<b>470</b>	3.0272	330.34	2474.8	4.8489
4.9479	202.11	2777.1	5.3048	<b>480</b>	3.9922	250.49	2665.5	5.1272	<b>480</b>	3.3186	301.33	2563.8	4.9680
5.2985	188.73	2845.0	5.3944	<b>490</b>	4.3229	231.32	2743.1	5.2295	<b>490</b>	3.6085	277.13	2646.5	5.0771
5.6231	177.84	2906.5	5.4744	<b>500</b>	4.6330	215.84	2813.2	5.3207	<b>500</b>	3.8900	257.07	2722.6	5.1762
6.2116	160.99	3015.1	5.6132	<b>520</b>	5.1978	192.39	2935.7	5.4773	<b>520</b>	4.4168	226.41	2857.0	5.3479
6.7388	148.39	3110.4	5.7319	<b>540</b>	5.7027	175.36	3041.5	5.6091	<b>540</b>	4.8947	204.30	2972.8	5.4920
7.2209	138.49	3196.5	5.8365	<b>560</b>	6.1620	162.29	3135.8	5.7236	<b>560</b>	5.3308	187.59	3075.0	5.6163
7.6685	130.40	3275.9	5.9307	<b>580</b>	6.5861	151.83	3221.7	5.8255	<b>580</b>	5.7331	174.43	3167.4	5.7259
8.0891	123.62	3350.4	6.0170	<b>600</b>	6.9825	143.22	3301.5	5.9179	<b>600</b>	6.1081	163.72	3252.5	5.8245
8.4878	117.82	3421.0	6.0970	<b>620</b>	7.3565	135.93	3376.5	6.0029	<b>620</b>	6.4610	154.78	3332.0	5.9145
8.8686	112.76	3488.7	6.1719	<b>640</b>	7.7122	129.66	3447.9	6.0820	<b>640</b>	6.7956	147.16	3407.2	5.9978
9.2344	108.29	3554.0	6.2427	<b>660</b>	8.0527	124.18	3516.4	6.1562	<b>660</b>	7.1149	140.55	3478.9	6.0755
9.5875	104.30	3617.4	6.3098	<b>680</b>	8.3802	119.33	3582.5	6.2263	<b>680</b>	7.4213	134.75	3547.9	6.1486
9.9297	100.71	3679.1	6.3740	<b>700</b>	8.6967	114.99	3648.8	6.2930	<b>700</b>	7.7166	129.59	3614.6	6.2178
10.263	97.442	3739.6	6.4355	<b>720</b>	9.0037	111.06	3709.4	6.3568	<b>720</b>	8.0025	124.96	3679.4	6.2838
10.587	94.454	3799.1	6.4948	<b>740</b>	9.3025	107.50	3770.8	6.4179	<b>740</b>	8.2801	120.77	3742.7	6.3469
10.905	91.705	3857.6	6.5520	<b>760</b>	9.5939	104.23	3831.1	6.4769	<b>760</b>	8.5504	116.95	3804.8	6.4076
11.216	89.162	3915.4	6.6074	<b>780</b>	9.8789	101.23	3890.5	6.5338	<b>780</b>	8.8143	113.45	3865.7	6.4660
11.521	86.799	3972.6	6.6612	<b>800</b>	10.158	98.443	3949.1	6.5889	<b>800</b>	9.0724	110.22	3925.8	6.5225
11.821	84.595	4029.3	6.7136	<b>820</b>	10.432	95.855	4007.1	6.6425	<b>820</b>	9.3255	107.23	3985.1	6.5773
12.117	82.531	4085.6	6.7646	<b>840</b>	10.702	93.441	4064.6	6.6946	<b>840</b>	9.5741	104.45	4043.8	6.6304
12.408	80.592	4141.5	6.8144	<b>860</b>	10.967	91.179	4121.6	6.7454	<b>860</b>	9.8185	101.85	4101.9	6.6822
12.696	78.765	4197.1	6.8630	<b>880</b>	11.229	89.054	4178.2	6.7949	<b>880</b>	10.059	99.412	4159.5	6.7326
12.980	77.040	4252.5	6.9106	<b>900</b>	11.487	87.052	4234.6	6.8433	<b>900</b>	10.296	97.121	4216.8	6.7819
13.261	75.407	4307.7	6.9573	<b>920</b>	11.743	85.161	4290.7	6.8907	<b>920</b>	10.531	94.962	4273.8	6.8300
13.540	73.857	4362.7	7.0030	<b>940</b>	11.995	83.369	4346.5	6.9372	<b>940</b>	10.762	92.921	4330.5	6.8772
13.815	72.383	4417.7	7.0480	<b>960</b>	12.244	81.669	4402.2	6.9827	<b>960</b>	10.991	90.987	4387.0	6.9233
14.089	70.979	4472.5	7.0921	<b>980</b>	12.492	80.053	4457.8	7.0274	<b>980</b>	11.217	89.151	4443.2	6.9686
14.360	69.640	4527.3	7.1355	<b>1000</b>	12.737	78.513	4513.3	7.0713	<b>1000</b>	11.441	87.405	4499.4	7.0131
15.686	63.750	4801.1	7.3425	<b>1100</b>	13.934	71.769	4789.9	7.2805	<b>1100</b>	12.534	79.785	4778.9	7.2244
16.976	58.907	5075.9	7.5357	<b>1200</b>	15.094	66.251	5066.9	7.4753	<b>1200</b>	13.590	73.583	5058.1	7.4207
18.239	54.827	5352.8	7.7175	<b>1300</b>	16.228	61.623	5345.6	7.6583	<b>1300</b>	14.620	68.399	5338.4	7.6048
19.482	51.330	5632.3	7.8897	<b>1400</b>	17.342	57.665	5626.5	7.8314	<b>1400</b>	15.631	63.977	5620.8	7.7788
20.709	48.288	5914.6	8.0536	<b>1500</b>	18.440	54.229	5910.0	7.9959	<b>1500</b>	16.626	60.147	5905.4	7.9440
21.925	45.611	6199.9	8.2101	<b>1600</b>	19.527	51.212	6196.2	8.1529	<b>1600</b>	17.609	56.788	6192.6	8.1015
24.328	41.105	6778.7	8.5037	<b>1800</b>	21.673	46.141	6776.6	8.4473	<b>1800</b>	19.549	51.153	6774.5	8.3967
26.705	37.446	7368.1	8.7750	<b>2000</b>	23.793	42.030	7367.1	8.7192	<b>2000</b>	21.464	46.590	7366.2	8.6691

**Table 3. Compressed Water and Superheated Steam (continued)**

60 MPa				$t, ^\circ\text{C}$	70 MPa				$t, ^\circ\text{C}$	80 MPa			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
0.972 47	1028.30	58.58	-0.002 08	<b>0</b>	0.968 34	1032.69	67.93	-0.003 38	<b>0</b>	0.964 34	1036.98	77.18	-0.004 89
0.973 18	1027.56	78.60	0.070 53	<b>5</b>	0.969 16	1031.82	87.83	0.068 79	<b>5</b>	0.965 25	1036.00	96.96	0.066 86
0.974 11	1026.58	98.67	0.142 04	<b>10</b>	0.970 17	1030.75	107.78	0.139 90	<b>10</b>	0.966 34	1034.83	116.82	0.137 61
0.975 24	1025.39	118.78	0.212 46	<b>15</b>	0.971 37	1029.48	127.80	0.209 96	<b>15</b>	0.967 60	1033.48	136.73	0.207 33
0.976 54	1024.02	138.94	0.281 80	<b>20</b>	0.972 73	1028.03	147.85	0.278 97	<b>20</b>	0.969 02	1031.97	156.70	0.276 04
0.978 02	1022.48	159.13	0.350 09	<b>25</b>	0.974 25	1026.43	167.95	0.346 94	<b>25</b>	0.970 57	1030.32	176.72	0.343 73
0.979 65	1020.77	179.35	0.417 34	<b>30</b>	0.975 91	1024.69	188.08	0.413 91	<b>30</b>	0.972 26	1028.53	196.77	0.410 42
0.981 43	1018.92	199.59	0.483 59	<b>35</b>	0.977 71	1022.80	208.24	0.479 87	<b>35</b>	0.974 08	1026.61	216.85	0.476 13
0.983 34	1016.94	219.86	0.548 85	<b>40</b>	0.979 64	1020.79	228.43	0.544 87	<b>40</b>	0.976 02	1024.56	236.96	0.540 87
0.985 40	1014.82	240.16	0.613 14	<b>45</b>	0.981 69	1018.65	248.65	0.608 90	<b>45</b>	0.978 08	1022.41	257.10	0.604 67
0.987 58	1012.58	260.47	0.676 50	<b>50</b>	0.983 87	1016.39	268.88	0.672 01	<b>50</b>	0.980 26	1020.14	277.26	0.667 55
0.989 89	1010.22	280.81	0.738 94	<b>55</b>	0.986 17	1014.03	289.14	0.734 22	<b>55</b>	0.982 54	1017.77	297.44	0.729 52
0.992 32	1007.74	301.16	0.800 49	<b>60</b>	0.988 58	1011.55	309.41	0.795 53	<b>60</b>	0.984 94	1015.29	317.64	0.790 61
0.994 86	1005.16	321.53	0.861 17	<b>65</b>	0.991 10	1008.98	329.70	0.855 99	<b>65</b>	0.987 44	1012.72	337.86	0.850 85
0.997 53	1002.48	341.91	0.921 01	<b>70</b>	0.993 74	1006.30	350.01	0.915 60	<b>70</b>	0.990 05	1010.05	358.09	0.910 25
1.000 31	999.69	362.31	0.980 04	<b>75</b>	0.996 48	1003.53	370.33	0.974 40	<b>75</b>	0.992 76	1007.29	378.34	0.968 84
1.003 21	996.80	382.73	1.0383	<b>80</b>	0.999 34	1000.66	390.67	1.0324	<b>80</b>	0.995 57	1004.45	398.61	1.0266
1.006 21	993.82	403.16	1.0957	<b>85</b>	1.002 30	997.71	411.03	1.0896	<b>85</b>	0.998 49	1001.51	418.89	1.0837
1.009 33	990.75	423.61	1.1524	<b>90</b>	1.005 36	994.66	431.40	1.1461	<b>90</b>	1.001 51	998.50	439.18	1.1399
1.012 57	987.59	444.08	1.2084	<b>95</b>	1.008 54	991.54	451.78	1.2019	<b>95</b>	1.004 63	995.40	459.50	1.1955
1.015 91	984.34	464.56	1.2637	<b>100</b>	1.011 81	988.32	472.19	1.2569	<b>100</b>	1.007 84	992.22	479.82	1.2503
1.019 36	981.01	485.06	1.3182	<b>105</b>	1.015 20	985.03	492.61	1.3113	<b>105</b>	1.011 16	988.96	500.17	1.3045
1.022 92	977.59	505.59	1.3721	<b>110</b>	1.018 69	981.65	513.05	1.3650	<b>110</b>	1.014 58	985.63	520.53	1.3580
1.026 60	974.09	526.13	1.4254	<b>115</b>	1.022 28	978.20	533.51	1.4180	<b>115</b>	1.018 10	982.22	540.91	1.4108
1.030 39	970.51	546.70	1.4781	<b>120</b>	1.025 99	974.67	553.99	1.4705	<b>120</b>	1.021 73	978.73	561.31	1.4630
1.034 29	966.85	567.29	1.5301	<b>125</b>	1.029 80	971.07	574.50	1.5223	<b>125</b>	1.025 45	975.18	581.73	1.5147
1.038 30	963.11	587.91	1.5816	<b>130</b>	1.033 71	967.39	595.03	1.5735	<b>130</b>	1.029 28	971.55	602.18	1.5657
1.042 43	959.29	608.56	1.6325	<b>135</b>	1.037 74	963.63	615.58	1.6242	<b>135</b>	1.033 21	967.86	622.65	1.6162
1.046 68	955.40	629.24	1.6828	<b>140</b>	1.041 88	959.80	636.17	1.6743	<b>140</b>	1.037 25	964.09	643.14	1.6661
1.051 05	951.43	649.95	1.7327	<b>145</b>	1.046 13	955.90	656.78	1.7239	<b>145</b>	1.041 39	960.25	663.66	1.7154
1.055 54	947.38	670.69	1.7820	<b>150</b>	1.050 50	951.93	677.43	1.7730	<b>150</b>	1.045 64	956.35	684.21	1.7643
1.060 15	943.26	691.47	1.8308	<b>155</b>	1.054 98	947.89	698.10	1.8216	<b>155</b>	1.050 00	952.38	704.80	1.8126
1.064 89	939.06	712.29	1.8792	<b>160</b>	1.059 58	943.77	718.82	1.8697	<b>160</b>	1.054 47	948.34	725.41	1.8605
1.069 76	934.79	733.16	1.9270	<b>165</b>	1.064 30	939.59	739.57	1.9173	<b>165</b>	1.059 06	944.24	746.06	1.9079
1.074 76	930.44	754.06	1.9745	<b>170</b>	1.069 14	935.33	760.36	1.9645	<b>170</b>	1.063 76	940.06	766.74	1.9549
1.079 89	926.02	775.01	2.0215	<b>175</b>	1.074 11	931.00	781.19	2.0113	<b>175</b>	1.068 58	935.82	787.47	2.0014
1.085 17	921.52	796.01	2.0681	<b>180</b>	1.079 21	926.60	802.07	2.0576	<b>180</b>	1.073 52	931.52	808.23	2.0474
1.090 58	916.94	817.06	2.1143	<b>185</b>	1.084 44	922.13	823.00	2.1035	<b>185</b>	1.078 58	927.14	829.04	2.0931
1.096 15	912.29	838.17	2.1601	<b>190</b>	1.089 81	917.59	843.97	2.1490	<b>190</b>	1.083 77	922.70	849.89	2.1384
1.101 86	907.56	859.33	2.2056	<b>195</b>	1.095 32	912.97	864.99	2.1942	<b>195</b>	1.089 09	918.20	870.78	2.1832
1.107 73	902.74	880.55	2.2507	<b>200</b>	1.100 97	908.29	886.07	2.2390	<b>200</b>	1.094 54	913.62	891.73	2.2277
1.119 97	892.88	923.19	2.3398	<b>210</b>	1.112 73	898.69	928.40	2.3275	<b>210</b>	1.105 87	904.27	933.78	2.3157
1.132 89	882.69	966.10	2.4277	<b>220</b>	1.125 12	888.80	970.98	2.4147	<b>220</b>	1.117 77	894.64	976.05	2.4023
1.146 57	872.17	1009.3	2.5145	<b>230</b>	1.138 19	878.59	1013.8	2.5008	<b>230</b>	1.130 30	884.72	1018.6	2.4876
1.161 06	861.28	1052.9	2.6002	<b>240</b>	1.151 99	868.06	1057.0	2.5857	<b>240</b>	1.143 49	874.52	1061.4	2.5718
1.176 43	850.03	1096.8	2.6850	<b>250</b>	1.166 58	857.21	1100.5	2.6696	<b>250</b>	1.157 39	864.01	1104.4	2.6550
1.192 77	838.38	1141.1	2.7690	<b>260</b>	1.182 03	846.00	1144.3	2.7526	<b>260</b>	1.172 07	853.19	1147.8	2.7371
1.210 18	826.32	1185.9	2.8522	<b>270</b>	1.198 41	834.44	1188.5	2.8348	<b>270</b>	1.187 57	842.06	1191.5	2.8184
1.228 76	813.83	1231.2	2.9348	<b>280</b>	1.215 82	822.49	1233.2	2.9162	<b>280</b>	1.203 97	830.58	1235.6	2.8988
1.248 66	800.86	1277.0	3.0169	<b>290</b>	1.234 36	810.14	1278.3	2.9970	<b>290</b>	1.221 36	818.76	1280.1	2.9785

**Table 3. Compressed Water and Superheated Steam (continued)**

60 MPa				<i>t</i> , °C	70 MPa				<i>t</i> , °C	80 MPa			
<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>
1.2700	787.39	1323.5	3.0986	<b>300</b>	1.2541	797.36	1323.9	3.0773	<b>300</b>	1.2398	806.57	1325.1	3.0576
1.2930	773.38	1370.6	3.1801	<b>310</b>	1.2753	784.13	1370.1	3.1572	<b>310</b>	1.2595	793.99	1370.5	3.1362
1.3179	758.78	1418.4	3.2615	<b>320</b>	1.2980	770.42	1416.9	3.2368	<b>320</b>	1.2804	781.01	1416.4	3.2142
1.3449	743.54	1467.1	3.3429	<b>330</b>	1.3224	756.19	1464.3	3.3162	<b>330</b>	1.3028	767.60	1462.9	3.2919
1.3744	727.60	1516.8	3.4245	<b>340</b>	1.3488	741.41	1512.6	3.3954	<b>340</b>	1.3267	753.73	1510.0	3.3694
1.4067	710.88	1567.5	3.5065	<b>350</b>	1.3774	726.03	1561.6	3.4748	<b>350</b>	1.3525	739.39	1557.7	3.4466
1.4423	693.31	1619.4	3.5892	<b>360</b>	1.4084	710.01	1611.6	3.5543	<b>360</b>	1.3802	724.54	1606.2	3.5238
1.4819	674.80	1672.7	3.6727	<b>370</b>	1.4424	693.29	1662.6	3.6342	<b>370</b>	1.4101	709.16	1655.5	3.6010
1.5262	655.22	1727.6	3.7574	<b>380</b>	1.4797	675.83	1714.7	3.7147	<b>380</b>	1.4426	693.21	1705.6	3.6784
1.5761	634.47	1784.3	3.8436	<b>390</b>	1.5208	657.55	1768.1	3.7958	<b>390</b>	1.4778	676.66	1756.7	3.7560
1.6329	612.42	1843.2	3.9317	<b>400</b>	1.5664	638.41	1822.9	3.8779	<b>400</b>	1.5163	659.49	1808.8	3.8340
1.6981	588.91	1904.5	4.0221	<b>410</b>	1.6172	618.35	1879.3	3.9610	<b>410</b>	1.5584	641.66	1862.0	3.9125
1.7736	563.83	1968.6	4.1153	<b>420</b>	1.6741	597.32	1937.5	4.0455	<b>420</b>	1.6047	623.17	1916.5	3.9916
1.8618	537.13	2035.9	4.2116	<b>430</b>	1.7382	575.30	1997.5	4.1315	<b>430</b>	1.6556	604.01	1972.2	4.0714
1.9650	508.91	2106.4	4.3112	<b>440</b>	1.8106	552.30	2059.6	4.2192	<b>440</b>	1.7118	584.18	2029.3	4.1520
2.0855	479.51	2180.2	4.4140	<b>450</b>	1.8924	528.42	2123.7	4.3084	<b>450</b>	1.7739	563.74	2087.8	4.2335
2.2249	449.46	2256.8	4.5191	<b>460</b>	1.9846	503.89	2189.7	4.3991	<b>460</b>	1.8424	542.77	2147.6	4.3156
2.3839	419.48	2335.5	4.6257	<b>470</b>	2.0877	478.99	2257.5	4.4909	<b>470</b>	1.9179	521.40	2208.7	4.3984
2.5610	390.48	2415.0	4.7320	<b>480</b>	2.2022	454.10	2326.4	4.5831	<b>480</b>	2.0006	499.84	2270.9	4.4815
2.7521	363.36	2493.7	4.8358	<b>490</b>	2.3277	429.62	2396.2	4.6751	<b>490</b>	2.0907	478.30	2333.9	4.5647
2.9522	338.73	2570.3	4.9356	<b>500</b>	2.4632	405.97	2466.1	4.7660	<b>500</b>	2.1880	457.04	2397.4	4.6473
3.3617	297.47	2713.9	5.1189	<b>520</b>	2.7572	362.69	2603.3	4.9412	<b>520</b>	2.4024	416.25	2524.6	4.8097
3.7624	265.79	2842.7	5.2794	<b>540</b>	3.0673	326.02	2733.3	5.1032	<b>540</b>	2.6376	379.14	2649.3	4.9650
4.1422	241.42	2957.9	5.4193	<b>560</b>	3.3790	295.95	2854.0	5.2499	<b>560</b>	2.8846	346.66	2768.9	5.1104
4.4986	222.29	3061.8	5.5426	<b>580</b>	3.6829	271.52	2965.1	5.3816	<b>580</b>	3.1354	318.94	2882.0	5.2445
4.8330	206.91	3156.8	5.6527	<b>600</b>	3.9749	251.58	3067.4	5.5002	<b>600</b>	3.3838	295.53	2988.1	5.3674
5.1482	194.24	3244.8	5.7524	<b>620</b>	4.2538	235.09	3162.3	5.6077	<b>620</b>	3.6262	275.77	3087.5	5.4800
5.4468	183.59	3327.2	5.8437	<b>640</b>	4.5198	221.25	3251.1	5.7060	<b>640</b>	3.8609	259.01	3180.8	5.5834
5.7312	174.48	3405.3	5.9282	<b>660</b>	4.7742	209.46	3334.8	5.7966	<b>660</b>	4.0874	244.66	3269.0	5.6789
6.0033	166.57	3479.7	6.0071	<b>680</b>	5.0179	199.29	3414.3	5.8809	<b>680</b>	4.3058	232.25	3352.8	5.7677
6.2649	159.62	3551.3	6.0814	<b>700</b>	5.2523	190.39	3490.3	5.9599	<b>700</b>	4.5165	221.41	3432.7	5.8507
6.5174	153.44	3620.4	6.1518	<b>720</b>	5.4784	182.53	3563.5	6.0343	<b>720</b>	4.7202	211.85	3509.5	5.9288
6.7618	147.89	3687.5	6.2187	<b>740</b>	5.6971	175.53	3634.3	6.1049	<b>740</b>	4.9175	203.36	3583.6	6.0027
6.9992	142.87	3753.0	6.2827	<b>760</b>	5.9093	169.23	3703.0	6.1721	<b>760</b>	5.1089	195.73	3655.3	6.0728
7.2304	138.31	3817.1	6.3441	<b>780</b>	6.1156	163.52	3770.1	6.2364	<b>780</b>	5.2951	188.85	3725.1	6.1397
7.4560	134.12	3880.0	6.4033	<b>800</b>	6.3167	158.31	3835.7	6.2981	<b>800</b>	5.4765	182.60	3793.3	6.2038
7.6766	130.27	3941.9	6.4604	<b>820</b>	6.5130	153.54	3900.1	6.3576	<b>820</b>	5.6536	176.88	3860.0	6.2654
7.8928	126.70	4002.9	6.5158	<b>840</b>	6.7052	149.14	3963.4	6.4150	<b>840</b>	5.8267	171.62	3925.4	6.3248
8.1050	123.38	4063.2	6.5694	<b>860</b>	6.8935	145.06	4025.8	6.4705	<b>860</b>	5.9963	166.77	3989.8	6.3821
8.3136	120.29	4122.9	6.6217	<b>880</b>	7.0783	141.28	4087.4	6.5244	<b>880</b>	6.1625	162.27	4053.3	6.4376
8.5188	117.39	4182.0	6.6725	<b>900</b>	7.2599	137.74	4148.3	6.5768	<b>900</b>	6.3258	158.08	4115.9	6.4915
8.7210	114.67	4240.7	6.7221	<b>920</b>	7.4387	134.43	4208.7	6.6279	<b>920</b>	6.4864	154.17	4177.9	6.5439
8.9204	112.10	4299.0	6.7706	<b>940</b>	7.6148	131.32	4268.6	6.6776	<b>940</b>	6.6444	150.50	4239.3	6.5949
9.1173	109.68	4357.0	6.8180	<b>960</b>	7.7884	128.40	4328.0	6.7262	<b>960</b>	6.8001	147.06	4300.1	6.6446
9.3119	107.39	4414.7	6.8644	<b>980</b>	7.9598	125.63	4387.1	6.7737	<b>980</b>	6.9537	143.81	4360.5	6.6932
9.5043	105.22	4472.2	6.9099	<b>1000</b>	8.1291	123.01	4445.9	6.8203	<b>1000</b>	7.1053	140.74	4420.5	6.7407
10.439	95.794	4757.3	7.1255	<b>1100</b>	8.9494	111.74	4736.4	7.0399	<b>1100</b>	7.8381	127.58	4716.2	6.9643
11.339	88.195	5040.8	7.3248	<b>1200</b>	9.7356	102.72	5024.0	7.2421	<b>1200</b>	8.5381	117.12	5007.9	7.1693
12.212	81.884	5324.5	7.5111	<b>1300</b>	10.497	95.266	5311.1	7.4307	<b>1300</b>	9.2143	108.53	5298.1	7.3600
13.067	76.528	5609.6	7.6868	<b>1400</b>	11.240	88.970	5598.8	7.6080	<b>1400</b>	9.8724	101.29	5588.4	7.5389
13.907	71.906	5896.5	7.8533	<b>1500</b>	11.968	83.556	5887.9	7.7758	<b>1500</b>	10.517	95.087	5879.7	7.7080
14.735	67.864	6185.6	8.0119	<b>1600</b>	12.685	78.832	6178.9	7.9354	<b>1600</b>	11.150	89.687	6172.5	7.8686
16.366	61.103	6770.5	8.3086	<b>1800</b>	14.094	70.953	6766.7	8.2336	<b>1800</b>	12.392	80.698	6763.2	8.1682
17.971	55.644	7364.4	8.5820	<b>2000</b>	15.478	64.606	7362.8	8.5081	<b>2000</b>	13.610	73.475	7361.4	8.4436

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>90 MPa</b>				<i>t</i> , °C	<b>100 MPa</b>				<i>t</i> , °C	<b>120 MPa</b>			
<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>
0.960 45	1041.17	86.34	-0.006 61	<b>0</b>	0.956 68	1045.28	95.40	-0.008 51	<b>0</b>	0.949 47	1053.22	113.29	-0.012 82
0.961 45	1040.09	106.01	0.064 77	<b>5</b>	0.957 76	1044.10	114.99	0.062 52	<b>5</b>	0.950 69	1051.87	132.70	0.057 61
0.962 62	1038.83	125.78	0.135 18	<b>10</b>	0.959 00	1042.75	134.66	0.132 63	<b>10</b>	0.952 04	1050.37	152.22	0.127 17
0.963 94	1037.41	145.60	0.204 60	<b>15</b>	0.960 37	1041.26	154.41	0.201 76	<b>15</b>	0.953 52	1048.75	171.83	0.195 81
0.965 40	1035.84	165.49	0.273 02	<b>20</b>	0.961 88	1039.63	174.22	0.269 92	<b>20</b>	0.955 11	1047.00	191.51	0.263 50
0.967 00	1034.13	185.42	0.340 45	<b>25</b>	0.963 51	1037.87	194.08	0.337 10	<b>25</b>	0.956 80	1045.15	211.24	0.330 24
0.968 71	1032.30	205.40	0.406 88	<b>30</b>	0.965 25	1036.00	213.98	0.403 31	<b>30</b>	0.958 59	1043.20	231.01	0.396 02
0.970 55	1030.34	225.41	0.472 35	<b>35</b>	0.967 11	1034.01	233.92	0.468 55	<b>35</b>	0.960 47	1041.15	250.83	0.460 86
0.972 50	1028.27	245.45	0.536 86	<b>40</b>	0.969 07	1031.92	253.90	0.532 84	<b>40</b>	0.962 45	1039.01	270.68	0.524 76
0.974 57	1026.10	265.51	0.600 44	<b>45</b>	0.971 14	1029.72	273.90	0.596 20	<b>45</b>	0.964 53	1036.78	290.56	0.587 73
0.976 74	1023.82	285.61	0.663 09	<b>50</b>	0.973 30	1027.43	293.92	0.658 65	<b>50</b>	0.966 69	1034.46	310.46	0.649 80
0.979 01	1021.44	305.72	0.724 85	<b>55</b>	0.975 57	1025.04	313.97	0.720 21	<b>55</b>	0.968 94	1032.06	330.39	0.710 99
0.981 39	1018.96	325.85	0.785 74	<b>60</b>	0.977 94	1022.56	334.03	0.780 89	<b>60</b>	0.971 27	1029.58	350.33	0.771 31
0.983 87	1016.39	346.00	0.845 77	<b>65</b>	0.980 40	1020.00	354.11	0.840 73	<b>65</b>	0.973 70	1027.01	370.29	0.830 78
0.986 45	1013.73	366.16	0.904 96	<b>70</b>	0.982 95	1017.34	374.21	0.899 73	<b>70</b>	0.976 21	1024.37	390.27	0.889 42
0.989 13	1010.99	386.34	0.963 35	<b>75</b>	0.985 60	1014.61	394.33	0.957 92	<b>75</b>	0.978 80	1021.66	410.26	0.947 26
0.991 91	1008.15	406.54	1.020 9	<b>80</b>	0.988 35	1011.79	414.45	1.015 3	<b>80</b>	0.981 48	1018.87	430.26	1.004 3
0.994 79	1005.24	426.75	1.077 8	<b>85</b>	0.991 18	1008.90	434.60	1.072 0	<b>85</b>	0.984 25	1016.01	450.28	1.060 6
0.997 76	1002.25	446.97	1.133 8	<b>90</b>	0.994 11	1005.93	454.75	1.127 9	<b>90</b>	0.987 09	1013.08	470.31	1.116 1
1.000 82	999.18	467.21	1.189 2	<b>95</b>	0.997 13	1002.88	474.92	1.183 0	<b>95</b>	0.990 02	1010.08	490.35	1.170 9
1.003 99	996.03	487.46	1.243 8	<b>100</b>	1.000 24	999.76	495.11	1.237 5	<b>100</b>	0.993 04	1007.01	510.41	1.225 1
1.007 25	992.81	507.73	1.297 8	<b>105</b>	1.003 44	996.57	515.31	1.291 3	<b>105</b>	0.996 14	1003.88	530.47	1.278 5
1.010 60	989.51	528.02	1.351 1	<b>110</b>	1.006 73	993.31	535.53	1.344 4	<b>110</b>	0.999 32	1000.68	550.56	1.331 2
1.014 05	986.14	548.33	1.403 8	<b>115</b>	1.010 12	989.98	555.76	1.396 8	<b>115</b>	1.002 59	997.42	570.65	1.383 3
1.017 60	982.70	568.65	1.455 8	<b>120</b>	1.013 60	986.58	576.01	1.448 7	<b>120</b>	1.005 94	994.10	590.77	1.434 8
1.021 25	979.20	588.99	1.507 2	<b>125</b>	1.017 17	983.12	596.27	1.499 9	<b>125</b>	1.009 37	990.72	610.89	1.485 7
1.024 99	975.62	609.36	1.558 0	<b>130</b>	1.020 83	979.59	616.56	1.550 5	<b>130</b>	1.012 89	987.28	631.04	1.536 0
1.028 83	971.98	629.74	1.608 3	<b>135</b>	1.024 59	976.00	636.87	1.600 6	<b>135</b>	1.016 49	983.77	651.20	1.585 7
1.032 77	968.27	650.15	1.658 0	<b>140</b>	1.028 44	972.34	657.20	1.650 1	<b>140</b>	1.020 18	980.22	671.38	1.634 8
1.036 81	964.49	670.59	1.707 1	<b>145</b>	1.032 39	968.63	677.55	1.699 1	<b>145</b>	1.023 96	976.60	691.58	1.683 4
1.040 96	960.65	691.05	1.755 8	<b>150</b>	1.036 43	964.85	697.93	1.747 5	<b>150</b>	1.027 83	972.93	711.80	1.731 5
1.045 21	956.75	711.54	1.803 9	<b>155</b>	1.040 58	961.00	718.33	1.795 4	<b>155</b>	1.031 78	969.20	732.05	1.779 1
1.049 56	952.78	732.06	1.851 6	<b>160</b>	1.044 82	957.10	738.76	1.842 9	<b>160</b>	1.035 82	965.42	752.31	1.826 1
1.054 02	948.75	752.61	1.898 8	<b>165</b>	1.049 16	953.14	759.23	1.889 8	<b>165</b>	1.039 96	961.58	772.61	1.872 7
1.058 59	944.66	773.20	1.945 5	<b>170</b>	1.053 61	949.12	779.72	1.936 4	<b>170</b>	1.044 18	957.69	792.92	1.918 8
1.063 27	940.50	793.82	1.991 7	<b>175</b>	1.058 16	945.04	800.24	1.982 4	<b>175</b>	1.048 50	953.74	813.27	1.964 5
1.068 06	936.28	814.47	2.037 6	<b>180</b>	1.062 82	940.90	820.80	2.028 0	<b>180</b>	1.052 92	949.74	833.64	2.009 7
1.072 97	931.99	835.17	2.083 0	<b>185</b>	1.067 58	936.70	841.39	2.073 2	<b>185</b>	1.057 43	945.69	854.05	2.054 5
1.077 99	927.65	855.91	2.128 0	<b>190</b>	1.072 46	932.44	862.02	2.118 0	<b>190</b>	1.062 04	941.59	874.48	2.098 8
1.083 14	923.24	876.69	2.172 6	<b>195</b>	1.077 45	928.12	882.69	2.162 4	<b>195</b>	1.066 75	937.43	894.95	2.142 8
1.088 41	918.77	897.51	2.216 9	<b>200</b>	1.082 56	923.74	903.40	2.206 4	<b>200</b>	1.071 56	933.22	915.46	2.186 3
1.099 34	909.63	939.30	2.304 3	<b>210</b>	1.093 13	914.81	944.94	2.293 3	<b>210</b>	1.081 49	924.65	956.57	2.272 3
1.110 81	900.24	981.29	2.390 3	<b>220</b>	1.104 20	905.64	986.68	2.378 8	<b>220</b>	1.091 86	915.86	997.83	2.356 9
1.122 85	890.59	1023.5	2.475 0	<b>230</b>	1.115 79	896.22	1028.6	2.462 9	<b>230</b>	1.102 69	906.87	1039.3	2.440 0
1.135 50	880.67	1066.0	2.558 6	<b>240</b>	1.127 95	886.57	1070.8	2.545 9	<b>240</b>	1.113 99	897.67	1080.9	2.521 9
1.148 79	870.48	1108.7	2.641 0	<b>250</b>	1.140 69	876.66	1113.1	2.627 7	<b>250</b>	1.125 80	888.26	1122.7	2.602 6
1.162 78	860.01	1151.6	2.722 4	<b>260</b>	1.154 07	866.50	1155.8	2.708 4	<b>260</b>	1.138 14	878.63	1164.7	2.682 1
1.177 51	849.25	1194.9	2.802 8	<b>270</b>	1.168 12	856.08	1198.6	2.788 1	<b>270</b>	1.151 04	868.78	1206.9	2.760 5
1.193 04	838.19	1238.5	2.882 4	<b>280</b>	1.182 89	845.39	1241.8	2.866 9	<b>280</b>	1.164 53	858.72	1249.3	2.838 0
1.209 44	826.83	1282.5	2.961 2	<b>290</b>	1.198 44	834.42	1285.3	2.944 8	<b>290</b>	1.178 65	848.43	1292.0	2.914 4

**Table 3. Compressed Water and Superheated Steam (continued)**

90 MPa				<i>t</i> , °C	100 MPa				<i>t</i> , °C	120 MPa			
<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>
1.2268	815.14	1326.8	3.0392	<b>300</b>	1.2148	823.17	1329.1	3.0219	<b>300</b>	1.1934	837.91	1334.9	2.9900
1.2451	803.12	1371.6	3.1166	<b>310</b>	1.2321	811.63	1373.3	3.0983	<b>310</b>	1.2090	827.16	1378.1	3.0647
1.2646	790.75	1416.8	3.1934	<b>320</b>	1.2503	799.79	1417.8	3.1740	<b>320</b>	1.2252	816.18	1421.6	3.1387
1.2853	778.02	1462.4	3.2697	<b>330</b>	1.2696	787.63	1462.8	3.2492	<b>330</b>	1.2423	804.95	1465.4	3.2119
1.3074	764.90	1508.6	3.3456	<b>340</b>	1.2901	775.15	1508.2	3.3238	<b>340</b>	1.2603	793.48	1509.5	3.2845
1.3308	751.40	1555.3	3.4212	<b>350</b>	1.3118	762.34	1554.0	3.3979	<b>350</b>	1.2792	781.77	1554.0	3.3564
1.3560	737.48	1602.6	3.4965	<b>360</b>	1.3348	749.18	1600.3	3.4717	<b>360</b>	1.2990	769.80	1598.8	3.4277
1.3829	723.14	1650.5	3.5716	<b>370</b>	1.3593	735.67	1647.1	3.5451	<b>370</b>	1.3200	757.57	1644.0	3.4985
1.4117	708.34	1699.1	3.6466	<b>380</b>	1.3854	721.80	1694.5	3.6182	<b>380</b>	1.3421	745.09	1689.5	3.5688
1.4428	693.08	1748.5	3.7216	<b>390</b>	1.4133	707.56	1742.5	3.6911	<b>390</b>	1.3655	732.35	1735.5	3.6386
1.4763	677.35	1798.6	3.7966	<b>400</b>	1.4431	692.93	1791.1	3.7639	<b>400</b>	1.3901	719.35	1781.9	3.7081
1.5126	661.13	1849.6	3.8718	<b>410</b>	1.4751	677.92	1840.4	3.8365	<b>410</b>	1.4162	706.10	1828.7	3.7771
1.5518	644.41	1901.5	3.9472	<b>420</b>	1.5094	662.53	1890.4	3.9091	<b>420</b>	1.4439	692.59	1876.0	3.8458
1.5944	627.20	1954.3	4.0228	<b>430</b>	1.5462	646.77	1941.1	3.9818	<b>430</b>	1.4731	678.84	1923.8	3.9142
1.6407	609.51	2008.1	4.0988	<b>440</b>	1.5857	630.63	1992.5	4.0544	<b>440</b>	1.5041	664.85	1972.0	3.9823
1.6910	591.38	2062.9	4.1751	<b>450</b>	1.6282	614.16	2044.7	4.1271	<b>450</b>	1.5370	650.64	2020.7	4.0502
1.7457	572.83	2118.7	4.2517	<b>460</b>	1.6740	597.37	2097.7	4.1998	<b>460</b>	1.5718	636.23	2069.9	4.1177
1.8052	553.96	2175.4	4.3286	<b>470</b>	1.7232	580.32	2151.4	4.2725	<b>470</b>	1.6086	621.65	2119.6	4.1850
1.8696	534.86	2233.0	4.4056	<b>480</b>	1.7760	563.06	2205.7	4.3452	<b>480</b>	1.6477	606.92	2169.7	4.2520
1.9392	515.67	2291.4	4.4826	<b>490</b>	1.8326	545.68	2260.7	4.4177	<b>490</b>	1.6890	592.08	2220.2	4.3186
2.0140	496.53	2350.3	4.5592	<b>500</b>	1.8930	528.28	2316.2	4.4900	<b>500</b>	1.7325	577.19	2271.0	4.3848
2.1784	459.05	2468.8	4.7106	<b>520</b>	2.0251	493.80	2428.1	4.6329	<b>520</b>	1.8267	547.42	2373.7	4.5159
2.3607	423.60	2586.9	4.8576	<b>540</b>	2.1715	460.51	2540.2	4.7724	<b>540</b>	1.9302	518.08	2476.9	4.6444
2.5567	391.13	2702.5	4.9981	<b>560</b>	2.3301	429.16	2651.2	4.9073	<b>560</b>	2.0423	489.65	2580.0	4.7697
2.7612	362.16	2814.1	5.1304	<b>580</b>	2.4982	400.29	2759.8	5.0361	<b>580</b>	2.1619	462.55	2682.2	4.8909
2.9693	336.78	2920.7	5.2540	<b>600</b>	2.6723	374.21	2865.1	5.1581	<b>600</b>	2.2879	437.09	2782.9	5.0076
3.1770	314.76	3022.0	5.3687	<b>620</b>	2.8494	350.95	2966.4	5.2728	<b>620</b>	2.4185	413.47	2881.5	5.1192
3.3818	295.70	3118.1	5.4751	<b>640</b>	3.0269	330.38	3063.5	5.3803	<b>640</b>	2.5524	391.78	2977.5	5.2255
3.5820	279.17	3209.3	5.5740	<b>660</b>	3.2028	312.23	3156.4	5.4810	<b>660</b>	2.6881	372.01	3070.7	5.3265
3.7769	264.77	3296.2	5.6661	<b>680</b>	3.3760	296.21	3245.3	5.5753	<b>680</b>	2.8243	354.07	3161.0	5.4222
3.9662	252.13	3379.3	5.7524	<b>700</b>	3.5456	282.04	3330.7	5.6639	<b>700</b>	2.9600	337.84	3248.4	5.5130
4.1500	240.96	3459.1	5.8335	<b>720</b>	3.7114	269.44	3412.7	5.7474	<b>720</b>	3.0946	323.15	3333.0	5.5991
4.3286	231.02	3535.9	5.9102	<b>740</b>	3.8732	258.18	3491.9	5.8263	<b>740</b>	3.2275	309.84	3415.1	5.6809
4.5022	222.11	3610.4	5.9829	<b>760</b>	4.0311	248.07	3568.5	5.9012	<b>760</b>	3.3584	297.76	3494.7	5.7587
4.6713	214.07	3682.6	6.0522	<b>780</b>	4.1852	238.94	3642.8	5.9725	<b>780</b>	3.4871	286.77	3572.1	5.8329
4.8362	206.77	3753.0	6.1184	<b>800</b>	4.3358	230.64	3715.3	6.0406	<b>800</b>	3.6136	276.73	3647.6	5.9039
4.9972	200.11	3821.9	6.1820	<b>820</b>	4.4829	223.07	3786.0	6.1059	<b>820</b>	3.7378	267.54	3721.3	5.9720
5.1546	194.00	3889.3	6.2431	<b>840</b>	4.6270	216.12	3855.2	6.1686	<b>840</b>	3.8598	259.08	3793.4	6.0373
5.3088	188.37	3955.5	6.3021	<b>860</b>	4.7681	209.73	3923.1	6.2291	<b>860</b>	3.9796	251.28	3864.1	6.1003
5.4599	183.15	4020.7	6.3591	<b>880</b>	4.9065	203.81	3989.9	6.2875	<b>880</b>	4.0974	244.06	3933.5	6.1610
5.6083	178.31	4085.0	6.4144	<b>900</b>	5.0424	198.32	4055.6	6.3440	<b>900</b>	4.2132	237.35	4001.8	6.2197
5.7542	173.79	4148.5	6.4680	<b>920</b>	5.1760	193.20	4120.5	6.3988	<b>920</b>	4.3271	231.10	4069.0	6.2766
5.8976	169.56	4211.2	6.5202	<b>940</b>	5.3074	188.42	4184.5	6.4521	<b>940</b>	4.4392	225.26	4135.4	6.3317
6.0390	165.59	4273.4	6.5710	<b>960</b>	5.4368	183.93	4247.9	6.5039	<b>960</b>	4.5497	219.79	4201.0	6.3854
6.1782	161.86	4335.0	6.6206	<b>980</b>	5.5642	179.72	4310.7	6.5545	<b>980</b>	4.6586	214.66	4265.9	6.4375
6.3157	158.34	4396.2	6.6690	<b>1000</b>	5.6900	175.75	4373.0	6.6038	<b>1000</b>	4.7660	209.82	4330.1	6.4884
6.9789	143.29	4696.9	6.8964	<b>1100</b>	6.2963	158.82	4678.4	6.8347	<b>1100</b>	5.2837	189.26	4644.1	6.7258
7.6110	131.39	4992.4	7.1042	<b>1200</b>	6.8730	145.50	4977.6	7.0450	<b>1200</b>	5.7752	173.15	4950.0	6.9409
8.2201	121.65	5285.7	7.2968	<b>1300</b>	7.4278	134.63	5273.8	7.2396	<b>1300</b>	6.2470	160.08	5251.8	7.1391
8.8119	113.48	5578.5	7.4773	<b>1400</b>	7.9660	125.53	5569.1	7.4216	<b>1400</b>	6.7037	149.17	5551.6	7.3239
9.3902	106.49	5871.9	7.6476	<b>1500</b>	8.4913	117.77	5864.4	7.5930	<b>1500</b>	7.1484	139.89	5850.7	7.4975
9.9580	100.42	6166.4	7.8091	<b>1600</b>	9.0064	111.03	6160.6	7.7555	<b>1600</b>	7.5836	131.86	6150.1	7.6618
11.070	90.337	6759.9	8.1101	<b>1800</b>	10.013	99.867	6756.8	8.0579	<b>1800</b>	8.4325	118.59	6751.4	7.9668
12.158	82.249	7360.2	8.3865	<b>2000</b>	10.998	90.926	7359.2	8.3352	<b>2000</b>	9.2603	107.99	7357.7	8.2459

**Table 3. Compressed Water and Superheated Steam (continued)**

140 MPa				<i>t</i> , °C	160 MPa				<i>t</i> , °C	180 MPa			
<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>		<i>v</i>	$\rho$	<i>h</i>	<i>s</i>
0.942 65	1060.84	130.88	-0.017 68	<b>0</b>	0.936 20	1068.15	148.21	-0.023 02	<b>0</b>	0.930 08	1075.18	165.31	-0.028 74
0.943 99	1059.33	150.15	0.052 22	<b>5</b>	0.937 64	1066.51	167.35	0.046 42	<b>5</b>	0.931 60	1073.42	184.34	0.040 29
0.945 45	1057.70	169.54	0.121 31	<b>10</b>	0.939 18	1064.76	186.63	0.115 11	<b>10</b>	0.933 21	1071.57	203.52	0.108 63
0.947 01	1055.96	189.02	0.189 52	<b>15</b>	0.940 81	1062.92	206.01	0.182 96	<b>15</b>	0.934 90	1069.63	222.81	0.176 16
0.948 66	1054.12	208.58	0.256 82	<b>20</b>	0.942 52	1060.99	225.47	0.249 91	<b>20</b>	0.936 66	1067.62	242.18	0.242 82
0.950 40	1052.18	228.20	0.323 18	<b>25</b>	0.944 31	1058.98	244.99	0.315 95	<b>25</b>	0.938 49	1065.55	261.62	0.308 57
0.952 23	1050.16	247.87	0.388 60	<b>30</b>	0.946 17	1056.89	264.57	0.381 05	<b>30</b>	0.940 38	1063.40	281.11	0.373 41
0.954 15	1048.06	267.58	0.453 08	<b>35</b>	0.948 11	1054.73	284.18	0.445 23	<b>35</b>	0.942 33	1061.20	300.64	0.437 31
0.956 14	1045.87	287.32	0.516 63	<b>40</b>	0.950 12	1052.50	303.83	0.508 47	<b>40</b>	0.944 35	1058.93	320.21	0.500 29
0.958 22	1043.60	307.09	0.579 27	<b>45</b>	0.952 19	1050.21	323.50	0.570 81	<b>45</b>	0.946 43	1056.60	339.80	0.562 36
0.960 37	1041.26	326.89	0.641 00	<b>50</b>	0.954 34	1047.84	343.20	0.632 24	<b>50</b>	0.948 57	1054.22	359.42	0.623 53
0.962 61	1038.84	346.70	0.701 86	<b>55</b>	0.956 56	1045.41	362.92	0.692 80	<b>55</b>	0.950 78	1051.77	379.05	0.683 82
0.964 92	1036.35	366.54	0.761 84	<b>60</b>	0.958 85	1042.91	382.66	0.752 49	<b>60</b>	0.953 04	1049.27	398.70	0.743 24
0.967 31	1033.79	386.39	0.820 99	<b>65</b>	0.961 21	1040.35	402.41	0.811 34	<b>65</b>	0.955 38	1046.71	418.36	0.801 82
0.969 78	1031.16	406.25	0.879 30	<b>70</b>	0.963 64	1037.73	422.18	0.869 36	<b>70</b>	0.957 77	1044.09	438.03	0.859 58
0.972 33	1028.46	426.13	0.936 82	<b>75</b>	0.966 14	1035.04	441.95	0.926 58	<b>75</b>	0.960 23	1041.42	457.72	0.916 53
0.974 95	1025.70	446.02	0.993 54	<b>80</b>	0.968 71	1032.30	461.74	0.983 01	<b>80</b>	0.962 75	1038.69	477.41	0.972 69
0.977 65	1022.86	465.93	1.0495	<b>85</b>	0.971 35	1029.49	481.54	1.0387	<b>85</b>	0.965 34	1035.90	497.11	1.0281
0.980 42	1019.97	485.84	1.1047	<b>90</b>	0.974 06	1026.63	501.35	1.0936	<b>90</b>	0.967 99	1033.07	516.83	1.0828
0.983 27	1017.01	505.77	1.1592	<b>95</b>	0.976 85	1023.70	521.17	1.1478	<b>95</b>	0.970 71	1030.18	536.55	1.1367
0.986 20	1013.99	525.70	1.2130	<b>100</b>	0.979 70	1020.72	540.99	1.2013	<b>100</b>	0.973 49	1027.23	556.27	1.1899
0.989 21	1010.91	545.65	1.2661	<b>105</b>	0.982 62	1017.69	560.83	1.2541	<b>105</b>	0.976 33	1024.24	576.01	1.2424
0.992 29	1007.77	565.61	1.3186	<b>110</b>	0.985 61	1014.60	580.68	1.3063	<b>110</b>	0.979 24	1021.20	595.75	1.2943
0.995 45	1004.57	585.58	1.3703	<b>115</b>	0.988 67	1011.46	600.54	1.3578	<b>115</b>	0.982 22	1018.10	615.51	1.3455
0.998 69	1001.32	605.57	1.4215	<b>120</b>	0.991 81	1008.26	620.41	1.4086	<b>120</b>	0.985 26	1014.96	635.27	1.3961
1.002 00	998.00	625.57	1.4721	<b>125</b>	0.995 01	1005.01	640.29	1.4589	<b>125</b>	0.988 37	1011.77	655.05	1.4461
1.005 39	994.64	645.58	1.5220	<b>130</b>	0.998 29	1001.72	660.19	1.5085	<b>130</b>	0.991 54	1008.53	674.83	1.4955
1.008 86	991.22	665.61	1.5714	<b>135</b>	1.001 64	998.37	680.09	1.5576	<b>135</b>	0.994 78	1005.25	694.63	1.5443
1.012 41	987.75	685.66	1.6202	<b>140</b>	1.005 06	994.97	700.01	1.6061	<b>140</b>	0.998 08	1001.92	714.43	1.5925
1.016 03	984.22	705.72	1.6685	<b>145</b>	1.008 55	991.52	719.95	1.6541	<b>145</b>	1.001 45	998.55	734.25	1.6402
1.019 74	980.64	725.80	1.7162	<b>150</b>	1.012 11	988.03	739.90	1.7015	<b>150</b>	1.004 89	995.13	754.09	1.6874
1.023 53	977.01	745.90	1.7634	<b>155</b>	1.015 75	984.49	759.87	1.7484	<b>155</b>	1.008 40	991.67	773.93	1.7340
1.027 40	973.34	766.02	1.8101	<b>160</b>	1.019 46	980.91	779.86	1.7948	<b>160</b>	1.011 97	988.17	793.80	1.7801
1.031 35	969.61	786.16	1.8564	<b>165</b>	1.023 25	977.28	799.86	1.8407	<b>165</b>	1.015 62	984.62	813.67	1.8257
1.035 38	965.83	806.32	1.9021	<b>170</b>	1.027 12	973.60	819.88	1.8862	<b>170</b>	1.019 33	981.04	833.57	1.8709
1.039 50	962.00	826.51	1.9474	<b>175</b>	1.031 06	969.88	839.92	1.9312	<b>175</b>	1.023 11	977.41	853.48	1.9156
1.043 70	958.13	846.72	1.9923	<b>180</b>	1.035 07	966.12	859.99	1.9757	<b>180</b>	1.026 96	973.75	873.41	1.9598
1.047 99	954.21	866.96	2.0367	<b>185</b>	1.039 17	962.31	880.07	2.0198	<b>185</b>	1.030 89	970.04	893.36	2.0036
1.052 37	950.24	887.22	2.0807	<b>190</b>	1.043 34	958.46	900.18	2.0634	<b>190</b>	1.034 88	966.29	913.33	2.0469
1.056 83	946.22	907.51	2.1243	<b>195</b>	1.047 60	954.56	920.31	2.1067	<b>195</b>	1.038 95	962.51	933.32	2.0899
1.061 39	942.16	927.83	2.1674	<b>200</b>	1.051 93	950.63	940.47	2.1495	<b>200</b>	1.043 09	958.69	953.33	2.1324
1.070 78	933.90	968.56	2.2526	<b>210</b>	1.060 86	942.64	980.86	2.2340	<b>210</b>	1.051 60	950.93	993.41	2.2162
1.080 56	925.45	1009.4	2.3363	<b>220</b>	1.070 12	934.48	1021.4	2.3169	<b>220</b>	1.060 41	943.03	1033.6	2.2985
1.090 74	916.81	1050.4	2.4186	<b>230</b>	1.079 74	926.15	1062.0	2.3985	<b>230</b>	1.069 54	934.98	1073.9	2.3794
1.101 33	908.00	1091.6	2.4996	<b>240</b>	1.089 72	917.67	1102.7	2.4786	<b>240</b>	1.079 00	926.78	1114.2	2.4588
1.112 35	899.00	1132.9	2.5793	<b>250</b>	1.100 08	909.02	1143.6	2.5575	<b>250</b>	1.088 79	918.45	1154.7	2.5370
1.123 83	889.81	1174.3	2.6578	<b>260</b>	1.110 84	900.22	1184.6	2.6352	<b>260</b>	1.098 94	909.97	1195.3	2.6139
1.135 79	880.45	1216.0	2.7352	<b>270</b>	1.122 01	891.26	1225.7	2.7116	<b>270</b>	1.109 44	901.36	1236.1	2.6896
1.148 24	870.89	1257.8	2.8115	<b>280</b>	1.133 61	882.14	1267.0	2.7870	<b>280</b>	1.120 32	892.60	1276.9	2.7641
1.161 23	861.16	1299.8	2.8868	<b>290</b>	1.145 66	872.86	1308.5	2.8613	<b>290</b>	1.131 59	883.71	1317.9	2.8375

**Table 3. Compressed Water and Superheated Steam (continued)**

<b>140 MPa</b>				<b>t, °C</b>	<b>160 MPa</b>				<b>t, °C</b>	<b>180 MPa</b>			
<b>v</b>	<b>ρ</b>	<b>h</b>	<b>s</b>		<b>v</b>	<b>ρ</b>	<b>h</b>	<b>s</b>		<b>v</b>	<b>ρ</b>	<b>h</b>	<b>s</b>
1.1748	851.23	1342.0	2.9611	<b>300</b>	1.1582	863.42	1350.1	2.9345	<b>300</b>	1.1433	874.69	1359.0	2.9099
1.1889	841.11	1384.5	3.0345	<b>310</b>	1.1712	853.82	1391.9	3.0068	<b>310</b>	1.1554	865.53	1400.3	2.9813
1.2037	830.81	1427.1	3.1070	<b>320</b>	1.1847	844.07	1433.9	3.0782	<b>320</b>	1.1679	856.24	1441.7	3.0517
1.2191	820.31	1470.0	3.1787	<b>330</b>	1.1988	834.16	1476.1	3.1487	<b>330</b>	1.1809	846.82	1483.3	3.1211
1.2352	809.62	1513.2	3.2497	<b>340</b>	1.2135	824.09	1518.4	3.2183	<b>340</b>	1.1944	837.27	1525.0	3.1897
1.2520	798.73	1556.6	3.3199	<b>350</b>	1.2287	813.87	1561.0	3.2872	<b>350</b>	1.2083	827.59	1566.8	3.2575
1.2696	787.65	1600.2	3.3894	<b>360</b>	1.2446	803.49	1603.7	3.3553	<b>360</b>	1.2228	817.78	1608.9	3.3244
1.2880	776.38	1644.2	3.4582	<b>370</b>	1.2611	792.96	1646.7	3.4226	<b>370</b>	1.2379	807.85	1651.0	3.3905
1.3073	764.92	1688.4	3.5265	<b>380</b>	1.2783	782.28	1689.9	3.4892	<b>380</b>	1.2534	797.80	1693.4	3.4558
1.3276	753.26	1732.9	3.5941	<b>390</b>	1.2963	771.45	1733.3	3.5552	<b>390</b>	1.2696	787.63	1735.9	3.5205
1.3488	741.41	1777.7	3.6612	<b>400</b>	1.3150	760.48	1777.0	3.6205	<b>400</b>	1.2864	777.35	1778.6	3.5844
1.3710	729.38	1822.8	3.7277	<b>410</b>	1.3345	749.37	1820.8	3.6852	<b>410</b>	1.3039	766.96	1821.5	3.6476
1.3944	717.17	1868.3	3.7938	<b>420</b>	1.3548	738.12	1864.9	3.7493	<b>420</b>	1.3219	756.46	1864.6	3.7102
1.4189	704.79	1914.1	3.8594	<b>430</b>	1.3760	726.74	1909.3	3.8128	<b>430</b>	1.3407	745.86	1907.8	3.7721
1.4446	692.24	1960.2	3.9245	<b>440</b>	1.3981	715.24	1953.9	3.8758	<b>440</b>	1.3602	735.17	1951.2	3.8334
1.4716	679.53	2006.6	3.9892	<b>450</b>	1.4212	703.63	1998.7	3.9382	<b>450</b>	1.3805	724.40	1994.8	3.8941
1.4999	666.69	2053.4	4.0534	<b>460</b>	1.4453	691.91	2043.7	4.0001	<b>460</b>	1.4015	713.54	2038.6	3.9543
1.5297	653.72	2100.5	4.1172	<b>470</b>	1.4704	680.11	2089.0	4.0614	<b>470</b>	1.4232	702.62	2082.6	4.0138
1.5609	640.65	2147.9	4.1805	<b>480</b>	1.4965	668.23	2134.5	4.1222	<b>480</b>	1.4458	691.64	2126.7	4.0727
1.5936	627.50	2195.6	4.2434	<b>490</b>	1.5237	656.28	2180.3	4.1826	<b>490</b>	1.4693	680.61	2170.9	4.1311
1.6279	614.30	2243.5	4.3059	<b>500</b>	1.5521	644.29	2226.2	4.2423	<b>500</b>	1.4935	669.55	2215.3	4.1890
1.7011	587.85	2340.1	4.4292	<b>520</b>	1.6122	620.27	2318.5	4.3603	<b>520</b>	1.5447	647.39	2304.6	4.3029
1.7807	561.58	2437.3	4.5502	<b>540</b>	1.6769	596.33	2411.4	4.4759	<b>540</b>	1.5993	625.26	2394.2	4.4145
1.8664	535.78	2534.6	4.6685	<b>560</b>	1.7462	572.67	2504.5	4.5890	<b>560</b>	1.6575	603.33	2484.0	4.5236
1.9579	510.76	2631.7	4.7835	<b>580</b>	1.8198	549.51	2597.5	4.6993	<b>580</b>	1.7190	581.73	2573.9	4.6302
2.0544	486.77	2727.9	4.8951	<b>600</b>	1.8974	527.03	2690.1	4.8066	<b>600</b>	1.7837	560.62	2663.6	4.7341
2.1551	464.01	2822.9	5.0026	<b>620</b>	1.9786	505.42	2782.0	4.9106	<b>620</b>	1.8514	540.14	2752.8	4.8351
2.2593	442.61	2916.4	5.1061	<b>640</b>	2.0627	484.79	2872.8	5.0112	<b>640</b>	1.9216	520.40	2841.3	4.9331
2.3661	422.65	3007.9	5.2053	<b>660</b>	2.1494	465.24	2962.3	5.1082	<b>660</b>	1.9941	501.49	2928.8	5.0280
2.4745	404.12	3097.5	5.3003	<b>680</b>	2.2380	446.82	3050.4	5.2016	<b>680</b>	2.0684	483.47	3015.3	5.1197
2.5840	386.99	3184.9	5.3910	<b>700</b>	2.3281	429.54	3136.9	5.2913	<b>700</b>	2.1441	466.39	3100.6	5.2082
2.6938	371.22	3270.1	5.4778	<b>720</b>	2.4191	413.38	3221.7	5.3776	<b>720</b>	2.2210	450.24	3184.5	5.2936
2.8035	356.70	3353.3	5.5606	<b>740</b>	2.5106	398.31	3304.8	5.4605	<b>740</b>	2.2987	435.02	3267.1	5.3759
2.9125	343.35	3434.3	5.6399	<b>760</b>	2.6023	384.28	3386.2	5.5400	<b>760</b>	2.3770	420.71	3348.3	5.4553
3.0206	331.06	3513.5	5.7157	<b>780</b>	2.6938	371.22	3466.0	5.6165	<b>780</b>	2.4554	407.26	3428.1	5.5318
3.1276	319.74	3590.8	5.7884	<b>800</b>	2.7850	359.07	3544.2	5.6901	<b>800</b>	2.5339	394.64	3506.6	5.6056
3.2332	309.29	3666.4	5.8582	<b>820</b>	2.8756	347.76	3620.8	5.7609	<b>820</b>	2.6123	382.81	3583.8	5.6769
3.3375	299.62	3740.5	5.9254	<b>840</b>	2.9654	337.22	3696.1	5.8291	<b>840</b>	2.6904	371.70	3659.6	5.7457
3.4404	290.67	3813.1	5.9901	<b>860</b>	3.0544	327.40	3770.1	5.8950	<b>860</b>	2.7680	361.27	3734.3	5.8122
3.5418	282.34	3884.5	6.0525	<b>880</b>	3.1425	318.22	3842.8	5.9586	<b>880</b>	2.8451	351.48	3807.9	5.8765
3.6418	274.59	3954.7	6.1129	<b>900</b>	3.2296	309.63	3914.4	6.0202	<b>900</b>	2.9217	342.27	3880.4	5.9389
3.7404	267.35	4023.9	6.1714	<b>920</b>	3.3158	301.59	3985.0	6.0798	<b>920</b>	2.9976	333.60	3952.0	5.9993
3.8376	260.58	4092.1	6.2281	<b>940</b>	3.4010	294.03	4054.6	6.1377	<b>940</b>	3.0728	325.43	4022.6	6.0580
3.9335	254.23	4159.5	6.2832	<b>960</b>	3.4852	286.93	4123.3	6.1939	<b>960</b>	3.1473	317.73	4092.3	6.1151
4.0282	248.25	4226.1	6.3367	<b>980</b>	3.5684	280.24	4191.3	6.2485	<b>980</b>	3.2212	310.45	4161.3	6.1706
4.1216	242.62	4292.0	6.3889	<b>1000</b>	3.6507	273.92	4258.5	6.3018	<b>1000</b>	3.2943	303.56	4229.6	6.2246
4.5725	218.70	4613.3	6.6319	<b>1100</b>	4.0489	246.98	4586.0	6.5494	<b>1100</b>	3.6494	274.02	4562.1	6.4761
5.0009	199.96	4925.3	6.8513	<b>1200</b>	4.4280	225.83	4903.2	6.7725	<b>1200</b>	3.9888	250.70	4883.8	6.7023
5.4117	184.78	5232.0	7.0527	<b>1300</b>	4.7918	208.69	5214.4	6.9769	<b>1300</b>	4.3148	231.76	5198.9	6.9093
5.8088	172.15	5535.9	7.2400	<b>1400</b>	5.1432	194.43	5522.1	7.1665	<b>1400</b>	4.6299	215.99	5510.0	7.1010
6.1950	161.42	5838.6	7.4157	<b>1500</b>	5.4847	182.33	5827.9	7.3440	<b>1500</b>	4.9361	202.59	5818.7	7.2802
6.5724	152.15	6140.9	7.5816	<b>1600</b>	5.8182	171.87	6133.0	7.5114	<b>1600</b>	5.2349	191.03	6126.4	7.4490
7.3072	136.85	6747.0	7.8890	<b>1800</b>	6.4665	154.64	6743.6	7.8211	<b>1800</b>	5.8152	171.96	6741.1	7.7608
8.0223	124.65	7356.9	8.1699	<b>2000</b>	7.0964	140.92	7357.0	8.1036	<b>2000</b>	6.3784	156.78	7357.7	8.0447



**Table 3. Compressed Water and Superheated Steam (continued)**

<b>200 MPa</b>				$t, ^\circ\text{C}$	<b>250 MPa</b>				$t, ^\circ\text{C}$	<b>300 MPa</b>			
$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$		$v$	$\rho$	$h$	$s$
0.924 26	1081.9	182.21	-0.034 77	<b>0</b>	0.910 89	1097.8	223.68	-0.050 87	<b>0</b>	0.898 92	1112.4	264.27	-0.067 91
0.927 52	1078.1	220.22	0.101 91	<b>10</b>	0.914 37	1093.7	261.29	0.084 35	<b>10</b>	0.902 52	1108.0	301.54	0.066 08
0.931 06	1074.0	258.73	0.235 57	<b>20</b>	0.918 06	1089.3	299.49	0.216 94	<b>20</b>	0.906 30	1103.4	339.50	0.197 83
0.932 92	1071.9	278.10	0.301 08	<b>25</b>	0.919 97	1087.0	318.72	0.281 96	<b>25</b>	0.908 24	1101.0	358.62	0.262 51
0.934 83	1069.7	297.52	0.365 67	<b>30</b>	0.921 92	1084.7	338.00	0.346 08	<b>30</b>	0.910 21	1098.7	377.79	0.326 29
0.938 82	1065.2	336.47	0.492 09	<b>40</b>	0.925 95	1080.0	376.66	0.471 56	<b>40</b>	0.914 23	1093.8	416.25	0.451 08
0.943 04	1060.4	375.53	0.614 86	<b>50</b>	0.930 13	1075.1	415.41	0.593 37	<b>50</b>	0.918 38	1088.9	454.77	0.572 17
0.947 48	1055.4	414.65	0.734 09	<b>60</b>	0.934 49	1070.1	454.21	0.711 61	<b>60</b>	0.922 65	1083.8	493.31	0.689 64
0.952 14	1050.3	453.82	0.849 94	<b>70</b>	0.939 02	1064.9	493.03	0.826 43	<b>70</b>	0.927 07	1078.7	531.86	0.803 66
0.957 04	1044.9	493.03	0.962 57	<b>80</b>	0.943 74	1059.6	531.87	0.938 01	<b>80</b>	0.931 63	1073.4	570.41	0.914 39
0.962 18	1039.3	532.27	1.0721	<b>90</b>	0.948 65	1054.1	570.73	1.0465	<b>90</b>	0.936 35	1068.0	608.95	1.0220
0.967 55	1033.5	571.54	1.1788	<b>100</b>	0.953 75	1048.5	609.59	1.1521	<b>100</b>	0.941 23	1062.4	647.49	1.1267
0.973 16	1027.6	610.83	1.2827	<b>110</b>	0.959 05	1042.7	648.47	1.2549	<b>110</b>	0.946 27	1056.8	686.02	1.2286
0.979 02	1021.4	650.15	1.3840	<b>120</b>	0.964 56	1036.7	687.37	1.3551	<b>120</b>	0.951 48	1051.0	724.56	1.3279
0.985 11	1015.1	689.51	1.4829	<b>130</b>	0.970 26	1030.7	726.28	1.4529	<b>130</b>	0.956 86	1045.1	763.11	1.4247
0.991 45	1008.6	728.90	1.5794	<b>140</b>	0.976 16	1024.4	765.22	1.5483	<b>140</b>	0.962 41	1039.1	801.66	1.5192
0.998 04	1002.0	768.34	1.6737	<b>150</b>	0.982 28	1018.0	804.19	1.6414	<b>150</b>	0.968 14	1032.9	840.23	1.6114
1.0049	995.15	807.82	1.7659	<b>160</b>	0.988 59	1011.5	843.18	1.7325	<b>160</b>	0.974 04	1026.7	878.82	1.7016
1.0120	988.18	847.37	1.8562	<b>170</b>	0.995 12	1004.9	882.22	1.8216	<b>170</b>	0.980 11	1020.3	917.44	1.7897
1.0193	981.06	886.97	1.9446	<b>180</b>	1.0019	998.15	921.30	1.9088	<b>180</b>	0.986 36	1013.8	956.08	1.8759
1.0269	973.79	926.63	2.0311	<b>190</b>	1.0088	991.27	960.42	1.9942	<b>190</b>	0.992 79	1007.3	994.76	1.9603
1.0348	966.39	966.37	2.1160	<b>200</b>	1.0160	984.28	999.59	2.0779	<b>200</b>	0.999 40	1000.6	1033.5	2.0430
1.0429	958.84	1006.2	2.1993	<b>210</b>	1.0234	977.18	1038.8	2.1599	<b>210</b>	1.0062	993.85	1072.2	2.1241
1.0513	951.16	1046.1	2.2810	<b>220</b>	1.0310	969.97	1078.1	2.2404	<b>220</b>	1.0132	987.01	1111.0	2.2035
1.0600	943.35	1086.0	2.3612	<b>230</b>	1.0388	962.66	1117.4	2.3194	<b>230</b>	1.0203	980.09	1149.8	2.2814
1.0690	935.41	1126.1	2.4401	<b>240</b>	1.0468	955.25	1156.8	2.3969	<b>240</b>	1.0277	973.09	1188.7	2.3579
1.0783	927.35	1166.3	2.5176	<b>250</b>	1.0551	947.74	1196.3	2.4731	<b>250</b>	1.0352	966.01	1227.6	2.4330
1.0880	919.16	1206.5	2.5938	<b>260</b>	1.0637	940.13	1235.8	2.5479	<b>260</b>	1.0429	958.85	1266.5	2.5068
1.0979	910.85	1246.9	2.6688	<b>270</b>	1.0725	932.43	1275.4	2.6215	<b>270</b>	1.0508	951.63	1305.5	2.5792
1.1081	902.41	1287.3	2.7426	<b>280</b>	1.0815	924.64	1315.1	2.6938	<b>280</b>	1.0590	944.33	1344.6	2.6505
1.1187	893.86	1327.9	2.8153	<b>290</b>	1.0908	916.77	1354.8	2.7650	<b>290</b>	1.0673	936.97	1383.7	2.7205
1.1297	885.19	1368.6	2.8869	<b>300</b>	1.1003	908.81	1394.6	2.8350	<b>300</b>	1.0758	929.54	1422.8	2.7894
1.1527	867.51	1450.3	3.0270	<b>320</b>	1.1203	892.64	1474.4	2.9719	<b>320</b>	1.0935	914.51	1501.2	2.9238
1.1773	849.39	1532.5	3.1633	<b>340</b>	1.1413	876.17	1554.5	3.1048	<b>340</b>	1.1120	899.25	1579.8	3.0541
1.2036	830.83	1615.2	3.2961	<b>360</b>	1.1636	859.41	1634.9	3.2338	<b>360</b>	1.1315	883.78	1658.5	3.1805
1.2317	811.87	1698.4	3.4255	<b>380</b>	1.1871	842.38	1715.7	3.3594	<b>380</b>	1.1519	868.14	1737.5	3.3033
1.2618	792.53	1782.2	3.5518	<b>400</b>	1.2120	825.11	1796.7	3.4815	<b>400</b>	1.1732	852.34	1816.6	3.4226
1.2939	772.83	1866.5	3.6752	<b>420</b>	1.2382	807.62	1878.0	3.6006	<b>420</b>	1.1956	836.40	1895.9	3.5386
1.3283	752.82	1951.3	3.7959	<b>440</b>	1.2659	789.95	1959.6	3.7166	<b>440</b>	1.2190	820.34	1975.3	3.6516
1.3651	732.55	2036.7	3.9140	<b>460</b>	1.2951	772.13	2041.5	3.8299	<b>460</b>	1.2435	804.21	2054.8	3.7616
1.4044	712.06	2122.6	4.0296	<b>480</b>	1.3259	754.20	2123.6	3.9404	<b>480</b>	1.2690	788.01	2134.5	3.8688
1.4463	691.43	2209.0	4.1428	<b>500</b>	1.3583	736.20	2206.0	4.0483	<b>500</b>	1.2957	771.79	2214.2	3.9733
1.5630	639.79	2426.6	4.4154	<b>550</b>	1.4468	691.20	2412.7	4.3074	<b>550</b>	1.3674	731.32	2414.0	4.2236
1.6968	589.36	2644.9	4.6729	<b>600</b>	1.5458	646.91	2619.9	4.5518	<b>600</b>	1.4463	691.40	2613.8	4.4593
1.8456	541.84	2861.3	4.9139	<b>650</b>	1.6548	604.30	2826.3	4.7817	<b>650</b>	1.5323	652.63	2813.1	4.6813
2.0056	498.59	3073.1	5.1374	<b>700</b>	1.7721	564.30	3030.4	4.9970	<b>700</b>	1.6244	615.61	3011.1	4.8902
2.1728	460.23	3278.5	5.3432	<b>750</b>	1.8955	527.56	3230.7	5.1977	<b>750</b>	1.7216	580.87	3206.8	5.0862
2.3434	426.73	3476.6	5.5323	<b>800</b>	2.0227	494.38	3426.2	5.3843	<b>800</b>	1.8223	548.76	3399.3	5.2700
2.6847	372.48	3852.2	5.8671	<b>900</b>	2.2816	438.28	3802.1	5.7193	<b>900</b>	2.0292	492.80	3773.2	5.6032
3.0169	331.46	4204.9	6.1558	<b>1000</b>	2.5391	393.85	4159.5	6.0118	<b>1000</b>	2.2374	446.94	4132.3	5.8970
3.6426	274.53	4867.0	6.6391	<b>1200</b>	3.0348	329.51	4834.9	6.5049	<b>1200</b>	2.6439	378.23	4815.4	6.3957
4.2230	236.80	5499.5	7.0419	<b>1400</b>	3.5016	285.59	5480.3	6.9158	<b>1400</b>	3.0315	329.87	5469.7	6.8123
4.7710	209.60	6121.0	7.3928	<b>1600</b>	3.9443	253.53	6112.2	7.2726	<b>1600</b>	3.4015	293.99	6109.8	7.1737
5.2964	188.81	6739.6	7.7066	<b>1800</b>	4.3690	228.89	6739.3	7.5907	<b>1800</b>	3.7572	266.16	6743.7	7.4953
5.8057	172.24	7359.2	7.9919	<b>2000</b>	4.7802	209.20	7365.7	7.8791	<b>2000</b>	4.1018	243.79	7375.8	7.7864

**Table 3. Compressed Water and Superheated Steam (continued)**

350 MPa				t, °C	400 MPa				t, °C	450 MPa			
v	ρ	h	s		v	ρ	h	s		v	ρ	h	s
0.888 09	1126.0	304.15	-0.085 45	<b>0</b>	0.878 19	1138.7	343.44	-0.103 24	<b>0</b>	0.869 08	1150.6	382.24	-0.121 11
0.891 74	1121.4	341.11	0.047 42	<b>10</b>	0.881 87	1134.0	380.12	0.028 61	<b>10</b>	0.872 76	1145.8	418.65	0.009 79
0.895 56	1116.6	378.88	0.178 51	<b>20</b>	0.885 69	1129.1	417.72	0.159 13	<b>20</b>	0.876 57	1140.8	456.11	0.139 80
0.897 51	1114.2	397.92	0.242 92	<b>25</b>	0.887 64	1126.6	436.70	0.223 32	<b>25</b>	0.878 50	1138.3	475.04	0.203 82
0.899 48	1111.7	417.02	0.306 44	<b>30</b>	0.889 61	1124.1	455.74	0.286 66	<b>30</b>	0.880 45	1135.8	494.03	0.267 01
0.903 49	1106.8	455.31	0.430 73	<b>40</b>	0.893 58	1119.1	493.92	0.410 57	<b>40</b>	0.884 39	1130.7	532.13	0.390 64
0.907 59	1101.8	493.66	0.551 28	<b>50</b>	0.897 63	1114.0	532.14	0.530 71	<b>50</b>	0.888 38	1125.6	570.25	0.510 47
0.911 79	1096.7	532.01	0.668 16	<b>60</b>	0.901 75	1109.0	570.34	0.647 14	<b>60</b>	0.892 42	1120.5	608.33	0.626 54
0.916 09	1091.6	570.35	0.781 54	<b>70</b>	0.905 96	1103.8	608.50	0.760 00	<b>70</b>	0.896 54	1115.4	646.36	0.738 99
0.920 52	1086.3	608.66	0.891 58	<b>80</b>	0.910 26	1098.6	646.62	0.869 48	<b>80</b>	0.900 73	1110.2	684.31	0.848 02
0.925 07	1081.0	646.94	0.998 48	<b>90</b>	0.914 67	1093.3	684.69	0.975 79	<b>90</b>	0.905 01	1105.0	722.20	0.953 83
0.929 76	1075.5	685.20	1.1024	<b>100</b>	0.919 18	1087.9	722.72	1.0791	<b>100</b>	0.909 38	1099.7	760.04	1.0566
0.934 58	1070.0	723.45	1.2036	<b>110</b>	0.923 82	1082.5	760.72	1.1796	<b>110</b>	0.913 85	1094.3	797.84	1.1566
0.939 55	1064.3	761.68	1.3021	<b>120</b>	0.928 58	1076.9	798.70	1.2774	<b>120</b>	0.918 42	1088.8	835.59	1.2538
0.944 66	1058.6	799.91	1.3981	<b>130</b>	0.933 46	1071.3	836.66	1.3728	<b>130</b>	0.923 10	1083.3	873.32	1.3486
0.949 92	1052.7	838.14	1.4918	<b>140</b>	0.938 46	1065.6	874.61	1.4658	<b>140</b>	0.927 89	1077.7	911.04	1.4410
0.955 32	1046.8	876.38	1.5832	<b>150</b>	0.943 60	1059.8	912.56	1.5565	<b>150</b>	0.932 79	1072.1	948.74	1.5312
0.960 88	1040.7	914.63	1.6725	<b>160</b>	0.948 86	1053.9	950.51	1.6452	<b>160</b>	0.937 80	1066.3	986.43	1.6192
0.966 58	1034.6	952.89	1.7599	<b>170</b>	0.954 24	1047.9	988.47	1.7318	<b>170</b>	0.942 92	1060.5	1024.1	1.7053
0.972 43	1028.4	991.16	1.8453	<b>180</b>	0.959 76	1041.9	1026.4	1.8165	<b>180</b>	0.948 15	1054.7	1061.8	1.7894
0.978 43	1022.0	1029.5	1.9289	<b>190</b>	0.965 41	1035.8	1064.4	1.8994	<b>190</b>	0.953 50	1048.8	1099.5	1.8717
0.984 59	1015.7	1067.8	2.0107	<b>200</b>	0.971 19	1029.7	1102.4	1.9806	<b>200</b>	0.958 95	1042.8	1137.2	1.9522
0.990 89	1009.2	1106.1	2.0909	<b>210</b>	0.977 09	1023.4	1140.4	2.0601	<b>210</b>	0.964 52	1036.8	1175.0	2.0311
0.997 35	1002.7	1144.5	2.1696	<b>220</b>	0.983 13	1017.2	1178.4	2.1380	<b>220</b>	0.970 21	1030.7	1212.7	2.1084
1.0040	996.05	1182.9	2.2466	<b>230</b>	0.989 30	1010.8	1216.5	2.2144	<b>230</b>	0.976 00	1024.6	1250.4	2.1842
1.0107	989.38	1221.3	2.3223	<b>240</b>	0.995 60	1004.4	1254.6	2.2893	<b>240</b>	0.981 91	1018.4	1288.2	2.2585
1.0177	982.64	1259.8	2.3965	<b>250</b>	1.0020	997.97	1292.6	2.3628	<b>250</b>	0.987 93	1012.2	1325.9	2.3314
1.0247	975.85	1298.3	2.4694	<b>260</b>	1.0086	991.47	1330.7	2.4349	<b>260</b>	0.994 07	1006.0	1363.7	2.4029
1.0320	969.00	1336.8	2.5409	<b>270</b>	1.0153	984.93	1368.9	2.5058	<b>270</b>	1.0003	999.68	1401.5	2.4731
1.0394	962.09	1375.3	2.6113	<b>280</b>	1.0221	978.34	1407.0	2.5753	<b>280</b>	1.0067	993.37	1439.3	2.5421
1.0470	955.13	1413.9	2.6804	<b>290</b>	1.0291	971.72	1445.2	2.6437	<b>290</b>	1.0132	987.01	1477.1	2.6098
1.0547	948.13	1452.5	2.7483	<b>300</b>	1.0362	965.05	1483.3	2.7109	<b>300</b>	1.0197	980.63	1514.9	2.6764
1.0707	933.98	1529.8	2.8809	<b>320</b>	1.0508	951.61	1559.7	2.8419	<b>320</b>	1.0333	967.79	1590.6	2.8061
1.0874	919.66	1607.2	3.0092	<b>340</b>	1.0660	938.05	1636.2	2.9687	<b>340</b>	1.0473	954.85	1666.3	2.9316
1.1047	905.20	1684.7	3.1336	<b>360</b>	1.0818	924.38	1712.7	3.0915	<b>360</b>	1.0618	941.84	1742.0	3.0531
1.1228	890.60	1762.3	3.2543	<b>380</b>	1.0981	910.63	1789.2	3.2105	<b>380</b>	1.0767	928.76	1817.6	3.1708
1.1417	875.90	1840.0	3.3714	<b>400</b>	1.1151	896.80	1865.8	3.3260	<b>400</b>	1.0921	915.64	1893.3	3.2849
1.1613	861.12	1917.7	3.4852	<b>420</b>	1.1326	882.92	1942.4	3.4381	<b>420</b>	1.1080	902.49	1969.0	3.3957
1.1817	846.27	1995.6	3.5959	<b>440</b>	1.1507	869.00	2019.0	3.5470	<b>440</b>	1.1244	889.33	2044.6	3.5032
1.2028	831.37	2073.4	3.7036	<b>460</b>	1.1695	855.06	2095.6	3.6529	<b>460</b>	1.1413	876.16	2120.2	3.6078
1.2248	816.45	2151.3	3.8084	<b>480</b>	1.1889	841.13	2172.1	3.7560	<b>480</b>	1.1587	863.02	2195.8	3.7095
1.2476	801.53	2229.2	3.9105	<b>500</b>	1.2089	827.22	2248.7	3.8563	<b>500</b>	1.1766	849.90	2271.3	3.8084
1.3082	764.39	2424.1	4.1547	<b>550</b>	1.2616	792.62	2439.9	4.0959	<b>550</b>	1.2235	817.35	2459.7	4.0445
1.3741	727.74	2618.7	4.3843	<b>600</b>	1.3183	758.53	2630.7	4.3210	<b>600</b>	1.2734	785.30	2647.5	4.2661
1.4451	692.00	2812.9	4.6005	<b>650</b>	1.3789	725.20	2820.9	4.5328	<b>650</b>	1.3263	753.95	2834.8	4.4746
1.5208	657.54	3006.1	4.8043	<b>700</b>	1.4432	692.92	3010.4	4.7327	<b>700</b>	1.3822	723.50	3021.2	4.6713
1.6006	624.76	3197.8	4.9964	<b>750</b>	1.5107	661.94	3198.8	4.9215	<b>750</b>	1.4407	694.12	3206.8	4.8573
1.6836	593.97	3387.4	5.1774	<b>800</b>	1.5810	632.51	3385.7	5.0998	<b>800</b>	1.5015	666.00	3391.4	5.0334
1.8553	538.99	3758.6	5.5081	<b>900</b>	1.7272	578.96	3753.7	5.4278	<b>900</b>	1.6284	614.09	3756.2	5.3585
2.0296	492.70	4117.9	5.8021	<b>1000</b>	1.8769	532.80	4112.6	5.7214	<b>1000</b>	1.7592	568.44	4114.0	5.6512
2.3729	421.42	4805.8	6.3043	<b>1200</b>	2.1739	460.01	4803.7	6.2259	<b>1200</b>	2.0209	494.83	4807.2	6.1572
2.7029	369.97	5466.5	6.7250	<b>1400</b>	2.4607	406.38	5469.3	6.6497	<b>1400</b>	2.2747	439.61	5476.9	6.5836
3.0195	331.18	6112.8	7.0900	<b>1600</b>	2.7368	365.39	6120.6	7.0174	<b>1600</b>	2.5194	396.92	6132.3	6.9536
3.3248	300.77	6752.4	7.4144	<b>1800</b>	3.0037	332.93	6764.7	7.3442	<b>1800</b>	2.7562	362.82	6780.2	7.2823
3.6209	276.17	7389.3	7.7077	<b>2000</b>	3.2629	306.47	7405.6	7.6393	<b>2000</b>	2.9864	334.85	7424.5	7.5790

**Table 3. Compressed Water and Superheated Steam (continued)**

500 MPa				t, °C	600 MPa				t, °C	700 MPa			
v	ρ	h	s		v	ρ	h	s		v	ρ	h	s
0.860 64	1161.9	420.60	-0.138 97	<b>0</b>	0.845 40	1182.9	496.19	-0.174 46	<b>0</b>	0.835 48	1196.9	605.83	-0.082 39
0.864 30	1157.0	456.76	-0.008 96	<b>10</b>	0.849 01	1177.8	531.91	-0.046 04	<b>10</b>	0.839 10	1191.7	642.77	0.045 81
0.868 08	1152.0	494.10	0.120 60	<b>20</b>	0.852 72	1172.7	569.03	0.082 76	<b>20</b>	0.840 93	1189.2	661.54	0.109 29
0.870 00	1149.4	512.98	0.184 48	<b>25</b>	0.854 59	1170.1	587.84	0.146 41	<b>25</b>	0.842 76	1186.6	680.41	0.172 07
0.871 93	1146.9	531.94	0.247 55	<b>30</b>	0.856 48	1167.6	606.75	0.209 31	<b>30</b>	0.846 44	1181.4	718.30	0.295 04
0.875 82	1141.8	569.97	0.370 97	<b>40</b>	0.860 26	1162.4	644.69	0.332 44	<b>40</b>	0.850 13	1176.3	756.21	0.414 18
0.879 75	1136.7	608.02	0.490 56	<b>50</b>	0.864 07	1157.3	682.64	0.451 73	<b>50</b>	0.853 83	1171.2	794.01	0.529 38
0.883 72	1131.6	646.01	0.606 35	<b>60</b>	0.867 90	1152.2	720.51	0.567 15	<b>60</b>	0.857 55	1166.1	831.66	0.640 75
0.887 75	1126.4	683.92	0.718 48	<b>70</b>	0.871 77	1147.1	758.27	0.678 81	<b>70</b>	0.861 29	1161.0	869.17	0.748 49
0.891 84	1121.3	721.75	0.827 13	<b>80</b>	0.875 67	1142.0	795.90	0.786 91	<b>80</b>	0.865 07	1156.0	906.53	0.852 81
0.896 00	1116.1	759.49	0.932 53	<b>90</b>	0.879 63	1136.8	833.42	0.891 67	<b>90</b>	0.868 88	1150.9	943.76	0.953 95
0.900 24	1110.8	797.17	1.0349	<b>100</b>	0.883 63	1131.7	870.84	0.993 31	<b>100</b>	0.872 75	1145.8	980.88	1.0521
0.904 56	1105.5	834.78	1.1344	<b>110</b>	0.887 71	1126.5	908.17	1.0920	<b>110</b>	0.876 66	1140.7	1017.9	1.1475
0.908 97	1100.1	872.35	1.2311	<b>120</b>	0.891 84	1121.3	945.43	1.1881	<b>120</b>	0.880 62	1135.6	1054.9	1.2404
0.913 47	1094.7	909.88	1.3254	<b>130</b>	0.896 05	1116.0	982.64	1.2815	<b>130</b>	0.884 64	1130.4	1091.8	1.3308
0.918 07	1089.2	947.39	1.4173	<b>140</b>	0.900 33	1110.7	1019.8	1.3726	<b>140</b>	0.888 71	1125.2	1128.6	1.4189
0.922 77	1083.7	984.87	1.5070	<b>150</b>	0.904 68	1105.4	1056.9	1.4614	<b>150</b>	0.892 85	1120.0	1165.5	1.5049
0.927 56	1078.1	1022.3	1.5945	<b>160</b>	0.909 11	1100.0	1094.0	1.5480	<b>160</b>	0.897 04	1114.8	1202.2	1.5889
0.932 44	1072.4	1059.8	1.6800	<b>170</b>	0.913 61	1094.6	1131.1	1.6327	<b>170</b>	0.901 30	1109.5	1239.0	1.6710
0.937 43	1066.7	1097.3	1.7636	<b>180</b>	0.918 19	1089.1	1168.2	1.7154	<b>180</b>	0.905 61	1104.2	1275.8	1.7512
0.942 52	1061.0	1134.7	1.8454	<b>190</b>	0.922 84	1083.6	1205.3	1.7963	<b>190</b>	0.909 99	1098.9	1312.5	1.8297
0.947 70	1055.2	1172.2	1.9254	<b>200</b>	0.927 58	1078.1	1242.3	1.8755	<b>200</b>	0.914 42	1093.6	1349.2	1.9065
0.952 98	1049.3	1209.7	2.0037	<b>210</b>	0.932 38	1072.5	1279.4	1.9530	<b>210</b>	0.918 92	1088.2	1386.0	1.9817
0.958 36	1043.5	1247.1	2.0805	<b>220</b>	0.937 27	1066.9	1316.4	2.0289	<b>220</b>	0.923 47	1082.9	1422.7	2.0554
0.963 83	1037.5	1284.6	2.1558	<b>230</b>	0.942 23	1061.3	1353.5	2.1033	<b>230</b>	0.928 08	1077.5	1459.4	2.1277
0.969 41	1031.6	1322.1	2.2295	<b>240</b>	0.947 26	1055.7	1390.5	2.1762	<b>240</b>	0.932 76	1072.1	1496.1	2.1985
0.975 08	1025.6	1359.6	2.3019	<b>250</b>	0.952 37	1050.0	1427.6	2.2477	<b>250</b>	0.937 49	1066.7	1532.8	2.2680
0.980 85	1019.5	1397.1	2.3729	<b>260</b>	0.957 55	1044.3	1464.6	2.3178	<b>260</b>	0.942 28	1061.3	1569.5	2.3362
0.986 72	1013.5	1434.6	2.4426	<b>270</b>	0.962 81	1038.6	1501.7	2.3867	<b>270</b>	0.947 13	1055.8	1606.2	2.4031
0.992 69	1007.4	1472.1	2.5110	<b>280</b>	0.968 15	1032.9	1538.7	2.4542	<b>280</b>	0.952 03	1050.4	1642.8	2.4688
0.998 75	1001.3	1509.6	2.5782	<b>290</b>	0.973 55	1027.2	1575.7	2.5206	<b>290</b>	0.956 99	1044.9	1679.5	2.5333
1.0049	995.11	1547.1	2.6442	<b>300</b>	0.979 03	1021.4	1612.8	2.5858	<b>300</b>	0.967 09	1034.0	1752.8	2.6590
1.0175	982.77	1622.2	2.7729	<b>320</b>	0.990 22	1009.9	1686.8	2.7127	<b>320</b>	0.977 41	1023.1	1826.0	2.7805
1.0305	970.36	1697.2	2.8973	<b>340</b>	1.0017	998.31	1760.8	2.8355	<b>340</b>	0.987 95	1012.2	1899.2	2.8979
1.0440	957.89	1772.2	3.0177	<b>360</b>	1.0135	986.72	1834.8	2.9541	<b>360</b>	0.998 71	1001.3	1972.3	3.0115
1.0578	945.39	1847.2	3.1343	<b>380</b>	1.0255	975.12	1908.7	3.0691	<b>380</b>	1.0097	990.41	2045.3	3.1216
1.0720	932.85	1922.1	3.2474	<b>400</b>	1.0379	963.53	1982.5	3.1804	<b>400</b>	1.0209	979.55	2118.2	3.2284
1.0866	920.31	1997.1	3.3570	<b>420</b>	1.0505	951.94	2056.3	3.2884	<b>420</b>	1.0323	968.73	2191.0	3.3319
1.1016	907.77	2071.9	3.4635	<b>440</b>	1.0634	940.38	2129.9	3.3931	<b>440</b>	1.0439	957.96	2263.7	3.4325
1.1170	895.25	2146.7	3.5669	<b>460</b>	1.0766	928.85	2203.5	3.4949	<b>460</b>	1.0557	947.24	2336.3	3.5302
1.1328	882.75	2221.4	3.6675	<b>480</b>	1.0901	917.37	2277.0	3.5938	<b>480</b>	1.0677	936.58	2408.8	3.6251
1.1490	870.30	2296.1	3.7653	<b>500</b>	1.1038	905.94	2350.4	3.6899	<b>500</b>	1.0986	910.23	2589.4	3.8516
1.1913	839.41	2482.3	3.9986	<b>550</b>	1.1394	877.65	2533.3	3.9192	<b>550</b>	1.1307	884.40	2769.3	4.0637
1.2360	809.04	2667.8	4.2175	<b>600</b>	1.1766	849.88	2715.5	4.1341	<b>600</b>	1.1639	859.16	2948.3	4.2631
1.2832	779.33	2852.7	4.4234	<b>650</b>	1.2155	822.73	2896.9	4.3361	<b>650</b>	1.1982	834.58	3126.6	4.4511
1.3326	750.43	3036.8	4.6176	<b>700</b>	1.2558	796.29	3077.5	4.5267	<b>700</b>	1.2335	810.70	3304.1	4.6290
1.3842	722.46	3220.1	4.8013	<b>750</b>	1.2976	770.63	3257.4	4.7069	<b>750</b>	1.2698	787.55	3481.0	4.7978
1.4377	695.55	3402.5	4.9754	<b>800</b>	1.3408	745.81	3436.6	4.8779	<b>800</b>	1.3449	743.57	3832.9	5.1113
1.5495	645.36	3764.2	5.2977	<b>900</b>	1.4308	698.93	3792.7	5.1952	<b>900</b>	1.4229	702.79	4182.5	5.3974
1.6653	600.48	4120.6	5.5892	<b>1000</b>	1.5243	656.02	4145.7	5.4840	<b>1000</b>	1.5842	631.24	4874.7	5.9024
1.8991	526.57	4815.0	6.0960	<b>1200</b>	1.7160	582.74	4840.1	5.9907	<b>1200</b>	1.7462	572.69	5555.8	6.3361
2.1270	470.15	5488.1	6.5246	<b>1400</b>	1.9056	524.77	5518.3	6.4225	<b>1400</b>	1.9041	525.17	6226.3	6.7146
2.3468	426.11	6147.1	6.8967	<b>1600</b>	2.0891	478.68	6183.6	6.7982	<b>1600</b>	2.0569	486.16	6888.7	7.0507
2.5596	390.69	6798.3	7.2270	<b>1800</b>	2.2664	441.23	6840.8	7.1316	<b>1800</b>	2.2051	453.50	7546.0	7.3534
2.7665	361.47	7445.7	7.5252	<b>2000</b>	2.4387	410.06	7493.3	7.4321	<b>2000</b>				

**Table 3. Compressed Water and Superheated Steam (continued)**

800 MPa				t, °C	900 MPa				t, °C	1000 MPa			
v	ρ	h	s		v	ρ	h	s		v	ρ	h	s
				<b>0</b>					<b>0</b>				
				<b>10</b>					<b>10</b>				
				<b>20</b>					<b>20</b>				
0.826 89	1209.3	715.50	0.009 78	<b>25</b>	0.817 57	1223.1	806.06	0.038 01	<b>25</b>				
0.828 67	1206.7	734.24	0.073 16	<b>30</b>	0.819 31	1220.5	824.91	0.100 70	<b>30</b>	0.809 13	1235.9	895.96	0.066 52
0.830 46	1204.2	753.09	0.135 88	<b>40</b>	0.822 77	1215.4	862.78	0.223 60	<b>40</b>	0.812 50	1230.8	933.85	0.189 48
0.834 03	1199.0	790.96	0.258 78	<b>50</b>	0.826 24	1210.3	900.66	0.342 69	<b>50</b>	0.815 86	1225.7	971.75	0.308 62
0.837 60	1193.9	828.84	0.377 86	<b>60</b>	0.829 70	1205.3	938.42	0.457 76	<b>60</b>	0.819 21	1220.7	1009.5	0.423 72
0.841 17	1188.8	866.61	0.492 96	<b>70</b>	0.833 16	1200.3	975.99	0.568 89	<b>70</b>	0.822 56	1215.7	1047.1	0.534 82
0.844 76	1183.8	904.21	0.604 16	<b>80</b>	0.836 63	1195.3	1013.4	0.676 24	<b>80</b>	0.825 91	1210.8	1084.4	0.642 10
0.848 36	1178.7	941.63	0.711 66	<b>90</b>	0.840 11	1190.3	1050.5	0.780 06	<b>90</b>	0.829 27	1205.9	1121.6	0.745 80
0.851 98	1173.7	978.88	0.815 68	<b>100</b>	0.843 61	1185.4	1087.6	0.880 58	<b>100</b>	0.832 64	1201.0	1158.5	0.846 15
0.855 63	1168.7	1016.0	0.916 46	<b>110</b>	0.847 14	1180.4	1124.4	0.978 06	<b>110</b>	0.836 02	1196.1	1195.3	0.943 40
0.859 31	1163.7	1053.0	1.0142	<b>120</b>	0.850 69	1175.5	1161.1	1.0727	<b>120</b>	0.839 43	1191.3	1231.9	1.0378
0.863 03	1158.7	1089.8	1.1092	<b>130</b>	0.854 27	1170.6	1197.8	1.1647	<b>130</b>	0.842 86	1186.4	1268.4	1.1295
0.866 79	1153.7	1126.6	1.2016	<b>140</b>	0.857 89	1165.7	1234.3	1.2542	<b>140</b>	0.846 31	1181.6	1304.8	1.2187
0.870 59	1148.6	1163.3	1.2915	<b>150</b>	0.861 54	1160.7	1270.8	1.3414	<b>150</b>	0.849 79	1176.8	1341.2	1.3056
0.874 44	1143.6	1199.9	1.3791	<b>160</b>	0.865 23	1155.8	1307.2	1.4265	<b>160</b>	0.853 30	1171.9	1377.4	1.3903
0.878 33	1138.5	1236.5	1.4646	<b>170</b>	0.868 95	1150.8	1343.6	1.5095	<b>170</b>	0.856 84	1167.1	1413.7	1.4730
0.882 27	1133.4	1273.1	1.5480	<b>180</b>	0.872 72	1145.8	1379.9	1.5906	<b>180</b>	0.860 42	1162.2	1449.9	1.5538
0.886 26	1128.3	1309.6	1.6295	<b>190</b>	0.876 52	1140.9	1416.2	1.6698	<b>190</b>	0.864 02	1157.4	1486.0	1.6327
0.890 29	1123.2	1346.1	1.7092	<b>200</b>	0.880 36	1135.9	1452.5	1.7474	<b>200</b>	0.867 65	1152.5	1522.1	1.7098
0.894 38	1118.1	1382.6	1.7872	<b>210</b>	0.884 24	1130.9	1488.8	1.8232	<b>210</b>	0.871 32	1147.7	1558.2	1.7853
0.898 51	1113.0	1419.1	1.8634	<b>220</b>	0.888 16	1125.9	1525.0	1.8975	<b>220</b>	0.875 01	1142.8	1594.3	1.8593
0.902 69	1107.8	1455.5	1.9381	<b>230</b>	0.892 11	1120.9	1561.2	1.9702	<b>230</b>	0.878 74	1138.0	1630.4	1.9317
0.906 92	1102.6	1492.0	2.0113	<b>240</b>	0.896 11	1115.9	1597.5	2.0415	<b>240</b>	0.882 50	1133.1	1666.4	2.0026
0.911 19	1097.5	1528.4	2.0830	<b>250</b>	0.900 14	1110.9	1633.7	2.1114	<b>250</b>	0.886 29	1128.3	1702.5	2.0721
0.915 51	1092.3	1564.9	2.1533	<b>260</b>	0.904 21	1105.9	1669.9	2.1799	<b>260</b>	0.890 11	1123.5	1738.5	2.1404
0.919 88	1087.1	1601.3	2.2223	<b>270</b>	0.908 32	1100.9	1706.1	2.2472	<b>270</b>	0.893 96	1118.6	1774.5	2.2073
0.924 30	1081.9	1637.7	2.2900	<b>280</b>	0.912 47	1095.9	1742.2	2.3132	<b>280</b>	0.897 84	1113.8	1810.5	2.2729
0.928 76	1076.7	1674.1	2.3564	<b>290</b>	0.916 65	1090.9	1778.4	2.3780	<b>290</b>	0.901 75	1109.0	1846.5	2.3374
0.933 27	1071.5	1710.5	2.4216	<b>300</b>	0.920 87	1085.9	1814.5	2.4416	<b>300</b>	0.905 69	1104.1	1882.4	2.4007
0.937 82	1066.3	1746.8	2.4856	<b>320</b>	0.929 41	1076.0	1886.8	2.5655	<b>320</b>	0.913 66	1094.5	1954.3	2.5239
0.947 06	1055.9	1819.6	2.6103	<b>340</b>	0.938 09	1066.0	1959.0	2.6851	<b>340</b>	0.921 74	1084.9	2026.1	2.6430
0.956 47	1045.5	1892.2	2.7307	<b>360</b>	0.946 92	1056.1	2031.0	2.8008	<b>360</b>	0.929 93	1075.4	2097.8	2.7580
0.966 06	1035.1	1964.7	2.8472	<b>380</b>	0.955 87	1046.2	2103.0	2.9128	<b>380</b>	0.938 23	1065.8	2169.4	2.8694
0.975 82	1024.8	2037.2	2.9599	<b>400</b>	0.964 96	1036.3	2174.9	3.0212	<b>400</b>	0.946 63	1056.4	2240.9	2.9772
0.985 74	1014.5	2109.6	3.0690	<b>420</b>	0.974 18	1026.5	2246.7	3.1263	<b>420</b>	0.955 14	1047.0	2312.3	3.0817
0.995 83	1004.2	2181.9	3.1748	<b>440</b>	0.983 53	1016.7	2318.4	3.2282	<b>440</b>	0.963 75	1037.6	2383.5	3.1831
1.0061	993.95	2254.0	3.2775	<b>460</b>	0.993 00	1007.1	2389.9	3.3271	<b>460</b>	0.972 46	1028.3	2454.7	3.2815
1.0165	983.77	2326.1	3.3771	<b>480</b>	1.0026	997.42	2461.3	3.4233	<b>480</b>	0.981 26	1019.1	2525.7	3.3771
1.0271	973.65	2398.0	3.4739	<b>500</b>	1.0123	987.85	2532.6	3.5167	<b>500</b>	0.990 16	1009.9	2596.6	3.4700
1.0378	963.59	2469.8	3.5680	<b>550</b>	1.0371	964.26	2710.4	3.7394	<b>550</b>	1.0128	987.37	2773.4	3.6915
1.0652	938.77	2648.8	3.7923	<b>600</b>	1.0625	941.17	2887.3	3.9481	<b>600</b>	1.0359	965.30	2949.3	3.8990
1.0936	914.45	2827.0	4.0025	<b>650</b>	1.0886	918.63	3063.4	4.1442	<b>650</b>	1.0596	943.77	3124.5	4.0941
1.1227	890.71	3004.3	4.2000	<b>700</b>	1.1152	896.68	3238.7	4.3292	<b>700</b>	1.0837	922.79	3298.9	4.2781
1.1526	867.58	3180.9	4.3863	<b>750</b>	1.1424	875.35	3413.4	4.5042	<b>750</b>	1.1082	902.40	3472.6	4.4522
1.1833	845.11	3356.8	4.5625	<b>800</b>	1.1701	854.63	3587.4	4.6703	<b>800</b>	1.1330	882.59	3645.8	4.6174
1.2146	823.30	3532.0	4.7297	<b>900</b>	1.2268	815.10	3933.8	4.9789	<b>900</b>	1.1838	844.75	3990.5	4.9245
1.2792	781.74	3880.7	5.0404	<b>1000</b>	1.2853	778.06	4278.5	5.2609	<b>1000</b>	1.2357	809.23	4333.5	5.2052
1.3460	742.95	4227.6	5.3241	<b>1200</b>	1.4060	711.24	4964.4	5.7613	<b>1200</b>	1.3427	744.75	5016.7	5.7036
1.4843	673.70	4916.6	5.8269	<b>1400</b>	1.5296	653.78	5646.1	6.1952	<b>1400</b>	1.4524	688.50	5697.2	6.1368
1.6250	615.39	5598.7	6.2611	<b>1600</b>	1.6527	605.06	6322.5	6.5772	<b>1600</b>	1.5627	639.92	6374.7	6.5193
1.7637	567.00	6272.9	6.6418	<b>1800</b>	1.7732	563.94	6993.3	6.9174	<b>1800</b>	1.6715	598.26	7048.2	6.8609
1.8984	526.77	6940.0	6.9802	<b>2000</b>	1.8903	529.02	7659.1	7.2241	<b>2000</b>	1.7777	562.52	7717.5	7.1691
2.0289	492.88	7601.7	7.2849										