

水的性质

序号	温度 °F	温度 °C	饱和压力 bf/in2(P.S.I.A)	饱和压力 MPa.A	比重 60/60°F
1	32	0	0.0885	0.0006	1.0013
2	40	4.44	0.1217	0.0008	1.0013
3	50	10	0.1781	0.0012	1.0007
4	60	15.56	0.2653	0.0018	1
5	70	21.11	0.3631	0.0025	0.9989
6	80	26.67	0.5069	0.0035	0.9976
7	86	30	0.7397	0.0051	
8	90	32.22	0.6982	0.0048	0.9963
9	100	37.78	0.9492	0.0065	0.9946
10	104	40	1.2328	0.0085	
11	110	43.33	1.2748	0.0088	0.9919
12	120	48.89	1.6924	0.0117	0.9901
13	122	50	2.0015	0.0138	
14	130	54.44	2.2225	0.0153	0.9872
15	140	60	2.8886	0.0199	0.9848
16	150	65.56	3.718	0.0256	0.9818
17	158	70	4.7571	0.0328	
18	160	71.11	4.741	0.0327	0.9786
19	170	76.67	5.992	0.0413	0.9752
20	176	80	7.0776	0.0488	
21	180	82.22	7.51	0.0518	0.9717
22	185	85	8.5569	0.0590	
23	190	87.78	9.339	0.0644	0.9681
24	194	90	10.2973	0.0710	
25	200	93.33	11.526	0.0795	0.9646
26	203	95	12.7774	0.0881	
27	210	98.89	14.123	0.0974	0.9605
28	212	100	14.696	0.1013	0.9594
29	220	104.44	17.186	0.1185	0.9566
30	230	110	20.5801	0.1419	
31	240	115.56	24.946	0.1720	0.948
32	248	120	28.3249	0.1953	
33	260	126.67	35.429	0.2443	0.9386
34	266	130	38.3756	0.2646	
35	280	137.78	49.203	0.3393	0.9294
36	284	140	51.2400	0.3533	
37	293	145	58.8978	0.4061	
38	300	148.89	67.013	0.4621	0.9194
39	302	150	67.4837	0.4653	
40	311	155	77.0848	0.5315	
41	316.4	158	83.3503	0.5747	
42	320	160	87.7592	0.6051	
43	325.4	163	94.7353	0.6532	
44	329	165	99.6374	0.6870	
45	334.4	168	107.3677	0.7403	
46	338	170	112.7919	0.7777	
47	343.4	173	121.3343	0.8366	
48	350	176.67	134.63	0.9283	0.8918

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49	356	180	143.3503	0.9884	
50	365	185	160.9717	1.1099	
51	374	190	180.3046	1.2432	
52	383	195	201.4793	1.3892	
53	392	200	224.6120	1.5487	
54	400	204.44	247.31	1.7052	0.8606
55	410	210	277.2734	1.9118	
56	419	215	307.0631	2.1172	
57	428	220	339.3619	2.3399	
58	437	225	374.3002	2.5808	
59	446	230	412.0377	2.8410	
60	450	232.22	422.6	2.9138	0.827
61	456.8	236	461.2328	3.1802	
62	464	240	496.5047	3.4234	
63	473	245	543.5678	3.7479	
64	482	250	594.0537	4.0960	
65	491	255	648.1218	4.4688	
66	500	260	680.8	4.6941	0.7863
67	509	265	767.7737	5.2938	
68	518	270	833.6766	5.7482	
69	536	280	978.5932	6.7474	
70	550	287.78	1045.2	7.2067	0.7358
71	554	290	1142.1610	7.8752	
72	572	300	1325.9028	9.1421	
73	590	310	1531.3561	10.5587	
74	600	315.56	1542.9	10.6383	0.6796
75	608	320	1760.0580	12.1356	
76	626	330	2013.6186	13.8839	
77	644	340	2293.6041	15.8144	
78	662	350	2601.6389	17.9383	
79	680	360	2939.3183	20.2666	
80	700	371.11	3097.7	21.3586	0.4347
81	706	374.44	3208	22.1192	
	分子式: H2O				
	沸点: 在14.696(0.1013MPa)时212°F (100°C)				
	临界压力: 3208PSIA(22.1192MPaA)				
	临界温度: 706°F (374.44°C)				
	$^{\circ}\text{C}=(^{\circ}\text{F}-32)*5/9$				
	MPa=PSI*0.006895				

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