DEPARTMENT OF COMMERCE

CIRCULAR

OF THE

BUREAU OF STANDARDS

S. W. STRATTON, DIRECTOR

No. 57

UNITED STATES STANDARD TABLES FOR PETROLEUM OILS

(2d Edition)

Issued May 11, 1916

WASHINGTON
GOVERNMENT PRINTING OFFICE
1916

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INTRODUCTION

BASIS OF THE TABLES

The expansion tables contained in this circular are based upon the results of experiments carried on at this Bureau between July, 1912, and December, 1914. During that time about 100 samples of crude and refined petroleum oils from various parts of the United States were examined and their densities determined at various temperatures.

This investigation has shown that within the limits of ordinary measurements the rate of change of specific gravity with change of temperature is the same for all oils of the same specific gravity. In the calculation of the expansion tables (Tables 1, 2, and 3) the average rate of expansion found for all oils of each designated specific gravity has been used.

Tables 4 and 5 depend only upon assumed standard values and fixed relations, and the rate of expansion of the oil does not enter into their calculation. The relations involved are as follows:

(*a*) The Baumé scale, for liquids lighter than water, is based upon the following relation to specific gravity:[1]

$$\text{Degrees Baumé} = \frac{140}{\text{Sp. gr. } 60°/60° \text{ F.}} - 130$$

or,

$$\text{Sp. gr. } 60°/60° = \frac{140}{130 + \text{deg. B.}}$$

(*b*) Specific gravity, as used in this circular, is defined as the ratio of the weight (in vacuo) of equal volumes of oil and of water at 60° F—that is, the true and not the apparent specific gravity is employed throughout the circular.

(*c*) The weight per gallon of oil is the apparent weight of a volume of 231 cubic inches of oil at 60° F when weighed in air of 50 per cent humidity, at the same temperature as the oil, and at a pressure of 760 mm of mercury. The weighing is also assumed to be made against brass weights of 8.4 density or against weights reduced to that basis..

(*d*) The weight of a gallon of water at 60° F is as follows: In air, 8.32823 pounds; in vacuo, 8.33722 pounds.

On account of the way specific gravity is defined, it is necessary to apply a buoyancy correction to the product of the specific gravity of the oil and the weight of a gallon of water in order to obtain the apparent weight of a gallon of oil in air at 60° F.

APPLICABILITY OF THE TABLES

The tables contained in this circular apply to all petroleum oils, both crude and refined, produced in the United States. Each grade of oil, gasoline, illuminating oil, lubricating and fuel oil, etc., falls into its proper place in the tables by reason of its specific gravity.[2]

Although it is generally believed that California oils have a considerably higher rate of expansion than do oils from the Central and Eastern States, this has not been found to be the case, and the slightly higher rate is not sufficient to cause an appreciable error in results carried only to the degree of accuracy here given.

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[1] This relation between Baumé degrees and specific gravity has been in use by the Bureau of Standards since 1904, at which time it was found to be the one in common use in the oil trade throughout the United States.

[2] In the case of oils containing paraffin or other materials that become solid at low temperatures the expansion shown by the tables is somewhat too small at temperatures below the point of solidification.

METHOD OF READING THE HYDROMETER

The correct method of reading the hydrometer is illustrated in Figs. 1 and 2. The sample of oil is placed in a clear glass jar or cylinder and the hydrometer carefully immersed in it to a point slightly below that to which it naturally sinks, and is then allowed to float freely.

The reading should not be taken until the oil and the hydrometer are free from air bubbles and are at rest.

In taking the reading the eye should be placed slightly below the plane of the surface of the oil (Fig. 1) and then raised slowly until this surface, seen as an ellipse, becomes a straight line (Fig. 2). The point at which this line cuts the hydrometer scale should be taken as the reading of the instrument (Fig. 2).

In case the oil is not sufficiently clear to allow the reading to be made as above described, it will be necessary to read from above the oil surface and to estimate as accurately as possible the point to which the oil rises on the hydrometer stem. It should be remembered, however, that the instrument is calibrated to give correct indications when read at the principal surface of the liquid. It will be necessary, therefore, to correct the reading at the upper meniscus by an amount equal to the height to which the oil creeps up on the stem of the hydrometer. The amount of this correction may be determined with sufficient accuracy for most purposes by taking a few readings on the upper and the lower meniscus in a clear oil and noting the differences.

A specific gravity hydrometer will read too low and a Baumé hydrometer too high when read at the upper edge of the meniscus. The correction for meniscus height should therefore be added to a specific gravity reading and subtracted from a Baumé reading.

The magnitude of the correction will obviously depend upon the length and value of the subdivisions of the hydrometer scale and must be determined in each case for the particular hydrometer in question.

A report of the experimental investigation upon which are based the expansion tables contained in this circular will be published separately as a Technologic Paper of the Bureau of Standards, entitled "Density and Thermal Expansion of American Petroleum Oils."

WASHINGTON, August 11, 1915.

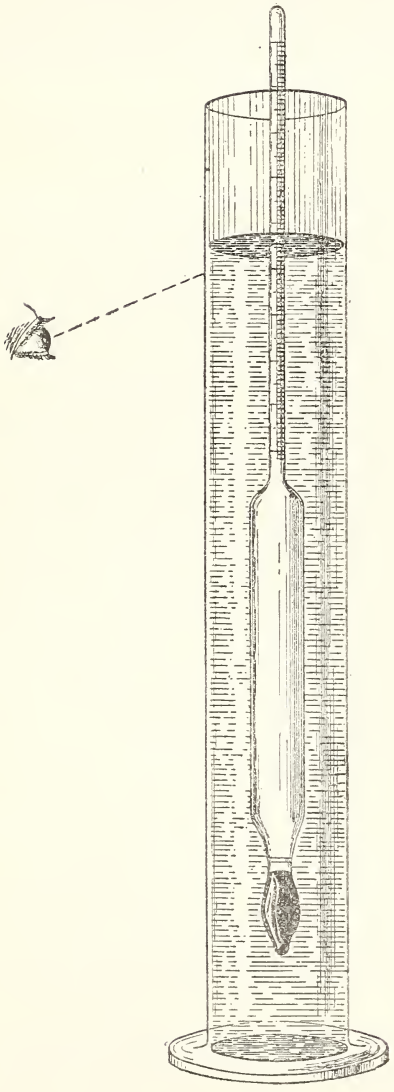

FIG. 1

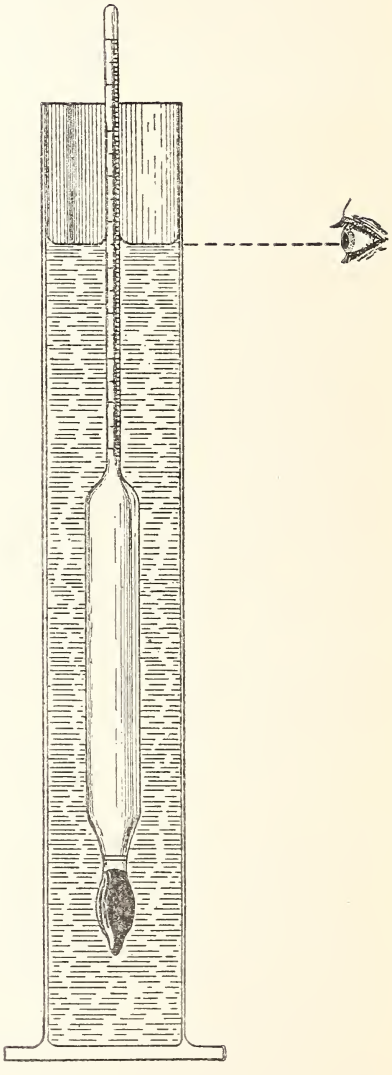

FIG. 2

PETROLEUM OIL TABLES 1 TO 5

TABLE 1

[This table shows the specific gravities at 60°/60° F of oils having, at the designated temperatures, the observed specific gravities indicated. For example, if the observed specific gravity is 0.610 at 80° F, the true specific gravity at 60°/60° F will be 0.621. The headings "Observed specific gravity" and "Observed temperature" signify the true indication of the hydrometer and the true temperature of the oil; that is, the observed readings corrected, if necessary, for instrumental errors.]

Observed temperature in °F	Observed specific gravities									
	0.610	0.611	0.612	0.613	0.614	0.615	0.616	0.617	0.618	0.619
	Corresponding specific gravities at 60°/60° F									
62										0.6200
64									0.6200	.6210
66								0.6200	.6210	.6220
68						0.6200	0.6205	.6215	.6225	.6235
70					0.6200	.6210	.6215	.6225	.6235	.6245
72				0.6200	.6210	.6220	.6225	.6235	.6245	.6255
74			0.6200	.6210	.6220	.6230	.6235	.6245	.6255	.6265
76		0.6200	.6210	.6220	.6230	.6240	.6245	.6255	.6265	.6275
78	0.6200	.6210	.6220	.6230	.6240	.6250	.6255	.6265	.6275	.6285
80	.621	.622	.623	.624	.625	.626	.626	.627	.628	.629
82	.622	.623	.624	.625	.626	.627	.628	.629	.630	.631
84	.623	.624	.625	.626	.627	.628	.629	.630	.631	.632
86	.624	.625	.626	.627	.628	.629	.630	.631	.632	.633
88	.625	.626	.627	.628	.629	.630	.631	.632	.633	.634
90	.626	.627	.628	.629	.630	.631	632	.633	.634	.635
92	.627	.628	.629	.630	.631	.632	.633	.634	.635	.636
94	.628	.629	.630	.631	.632	.633	.634	.635	.636	.637
96	.629	.630	.631	.632	.633	.634	.635	.636	.637	.638
98	.630	.631	.632	.633	.634	.635	.636	.637	.638	.639
100	.631	.632	.633	.634	.635	.636	.637	.638	.639	.640
102	.632	.633	.634	.635	.636	.637	.638	.639	.640	.641
104	.633	.634	.635	.636	.637	.638	.639	.640	.641	.642
106	.634	.635	.636	.637	.638	.639	.640	.641	.642	.643
108	.635	.636	.637	.638	.639	.640	.641	.642	.643	.644
110	.636	.637	.638	.639	.640	.641	.642	.643	.644	.645
112	.637	.638	.639	.640	.641	.642	.643	.644	.645	.646
114	.638	.639	.640	.641	.642	.643	.644	.645	.646	.647
116	.639	.640	.641	.642	.643	.644	.645	.646	.647	.648
118	.640	.641	.642	.643	.644	.645	.646	.647	.648	.649
120	.641	.642	.643	.644	.645	.646	.647	.648	.649	.650

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.620	0.621	0.622	0.623	0.624	0.625	0.626	0.627	0.628	0.629
	Corresponding specific gravities at 60°/60° F									
44	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.6200
46	.....	.....	.....	.....	.....	.....	.....	.....	0.6200	.6210
48	.....	.....	.....	.....	.....	.....	.....	0.6200	.6210	.6220
50	.....	.....	.....	.....	.....	0.6200	0.6205	.6215	.6225	.6235
52	.....	.....	.....	.....	0.6200	.6210	.6220	.6230	.6240	.6250
54	.....	.....	.....	0.6200	.6210	.6220	.6230	.6240	.6250	.6260
56	.....	.....	0.6200	.6210	.6220	.6230	.6240	.6250	.6260	.6270
58	.....	0.6200	.6210	.6220	.6230	.6240	.6250	.6260	.6270	.6280
60	0.6200	.6210	.6220	.6230	.6240	.6250	.6260	.6270	.6280	.6290
62	.6210	.6220	.6230	.6240	.6250	.6260	.6270	.6280	.6290	.6300
64	.6220	.6230	.6240	.6250	.6260	.6270	.6280	.6290	.6300	.6310
66	.6230	.6240	.6250	.6260	.6270	.6280	.6290	.6300	.6310	.6320
68	.6245	.6255	.6265	.6275	.6285	.6295	.6305	.6315	.6325	.6335
70	.6255	.6265	.6275	.6285	.6295	.6305	.6315	.6325	.6335	.6345
72	.6265	.6275	.6285	.6295	.6305	.6315	.6325	.6335	.6345	.6355
74	.6275	.6285	.6295	.6305	.6315	.6325	.6335	.6345	.6355	.6365
76	.6285	.6295	.6305	.6315	.6325	.6335	.6345	.6355	.6365	.6375
78	.6295	.6305	.6315	.6325	.6335	.6345	.6355	.6365	.6375	.6385
80	.630	.631	.632	.633	.634	.635	.636	.637	.638	.639
82	.632	.633	.634	.635	.636	.637	.637	.638	.639	.640
84	.633	.634	.635	.636	.637	.638	.638	.639	.640	.641
86	.634	.635	.636	.637	.638	.639	.639	.640	.641	.642
88	.635	.636	.637	.638	.639	.640	.640	.641	.642	.643
90	.636	.637	.638	.639	.640	.641	.641	.642	.643	.644
92	.637	.638	.639	.640	.641	.642	.642	.643	.644	.645
94	.638	.639	.640	.641	.642	.643	.643	.644	.645	.646
96	.639	.640	.641	.642	.643	.644	.644	.645	.646	.647
98	.640	.641	.642	.643	.644	.645	.645	.646	.647	.648
100	.641	.642	.643	.644	.645	.646	.646	.647	.648	.649
102	.642	.643	.644	.645	.646	.647	.647	.648	.649	.650
104	.643	.644	.645	.646	.647	.648	.648	.649	.650	.651
106	.644	.645	.646	.647	.648	.649	.649	.650	.651	.652
108	.645	.646	.647	.648	.649	.650	.650	.651	.652	.653
110	.646	.647	.648	.649	.650	.651	.651	.652	.653	.654
112	.647	.648	.649	.650	.651	.652	.652	.653	.654	.655
114	.648	.649	.650	.651	.652	.653	.653	.654	.655	.656
116	.649	.650	.651	.652	.653	.654	.654	.655	.656	.657
118	.650	.651	.652	.653	.654	.655	.655	.656	.657	.658
120	.651	.652	.653	.654	.655	.656	.656	.657	.658	.659

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.630	0.631	0.632	0.633	0.634	0.635	0.636	0.637	0.638	0.639
	Corresponding specific gravities at 60°/60° F									
30	.....	.....	.....	.....	.....	.....	0.620	0.621	0.622	0.623
32	.....	.....	.....	.....	.....	0.620	.621	.622	.623	.624
34	.....	.....	.....	.....	0.620	.621	.622	.623	.624	.625
36	.....	.....	.....	0.620	.621	.622	.623	.624	.625	.626
38	.....	.....	0.620	.621	.622	.623	.624	.625	.626	.627
40	.....	0.6200	.6210	.6220	.6230	.6240	.6255	.6265	.6275	.6285
42	0.6200	.6210	.6220	.6230	.6240	.6250	.6265	.6275	.6285	.6295
44	.6210	.6220	.6230	.6240	.6250	.6260	.6275	.6285	.6295	.6305
46	.6220	.6230	.6240	.6250	.6260	.6270	.6285	.6295	.6305	.6315
48	.6230	.6240	.6250	.6260	.6270	.6280	.6295	.6305	.6315	.6325
50	.6245	.6255	.6265	.6275	.6285	.6295	.6305	.6315	.6325	.6335
52	.6260	.6270	.6280	.6290	.6300	.6310	.6320	.6330	.6340	.6350
54	.6270	.6280	.6290	.6300	.6310	.6320	.6330	.6340	.6350	.6360
56	.6280	.6290	.6300	.6310	.6320	.6330	.6340	.6350	.6360	.6370
58	.6290	.6300	.6310	.6320	.6330	.6340	.6350	.6360	.6370	.6380
60	.6300	.6310	.6320	.6330	.6340	.6350	.6360	.6370	.6380	.6390
62	.6310	.6320	.6330	.6340	.6350	.6360	.6370	.6380	.6390	.6400
64	.6320	.6330	.6340	.6350	.6360	.6370	.6380	.6390	.6400	.6410
66	.6330	.6340	.6350	.6360	.6370	.6380	.6390	.6400	.6410	.6420
68	.6345	.6355	.6365	.6375	.6385	.6395	.6400	.6410	.6420	.6430
70	.6355	.6365	.6375	.6385	.6395	.6405	.6410	.6420	.6430	.6440
72	.6365	.6375	.6385	.6395	.6405	.6415	.6420	.6430	.6440	.6450
74	.6375	.6385	.6395	.6405	.6415	.6425	.6430	.6440	.6450	.6460
76	.6385	.6395	.6405	.6415	.6425	.6435	.6440	.6450	.6460	.6470
78	.6395	.6405	.6415	.6425	.6435	.6445	.6450	.6460	.6470	.6480
80	.640	.641	.642	.643	.644	.645	.646	.647	.648	.649
82	.641	.642	.643	.644	.645	.646	.647	.648	.649	.650
84	.642	.643	.644	.645	.646	.647	.648	.649	.650	.651
86	.643	.644	.645	.646	.647	.648	.649	.650	.651	.652
88	.644	.645	.646	.647	.648	.649	.650	.651	.652	.653
90	.645	.646	.647	.648	.649	.650	.651	.652	.653	.654
92	.646	.647	.648	.649	.650	.651	.652	.653	.654	.655
94	.647	.648	.649	.650	.651	.652	.653	.654	.655	.656
96	.648	.649	.650	.651	.652	.653	.654	.655	.656	.657
98	.649	.650	.651	.652	.653	.654	.655	.656	.657	.658
100	.650	.651	.652	.653	.654	.655	.656	.657	.658	.659
102	.651	.652	.653	.654	.655	.656	.657	.658	.659	.660
104	.652	.653	.654	.655	.656	.657	.658	.659	.660	.661
106	.653	.654	.655	.656	.657	.658	.659	.660	.661	.662
108	.654	.655	.656	.657	.658	.659	.660	.661	.662	.663
110	.655	.656	.657	.658	.659	.660	.661	.662	.663	.664
112	.656	.657	.658	.659	.660	.661	.662	.663	.664	.665
114	.657	.658	.659	.660	.661	.662	.663	.664	.665	.666
116	.658	.659	.660	.661	.662	.663	.664	.665	.666	.667
118	.659	.660	.661	.662	.663	.664	.665	.666	.667	.668
120	.660	.661	.662	.663	.664	.665	.666	.667	.668	.669

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.640	0.641	0.642	0.643	0.644	0.645	0.646	0.647	0.648	0.649
	Corresponding specific gravities at 60°/60° F									
30	0.624	0.625	0.626	0.627	0.628	0.629	0.630	0.631	0.632	0.633
32	.625	.626	.627	.628	.629	.630	.631	.632	.633	.634
34	.626	.627	.628	.629	.630	.631	.632	.633	.634	.635
36	.627	.628	.629	.630	.631	.632	.633	.634	.635	.636
38	.628	.629	.630	.631	.632	.633	.634	.635	.636	.637
40	.6295	.6305	.6315	.6325	.6335	.6345	.6355	.6365	.6375	.6385
42	.6305	.6315	.6325	.6335	.6345	.6355	.6365	.6375	.6385	.6395
44	.6315	.6325	.6335	.6345	.6355	.6365	.6375	.6385	.6395	.6405
46	.6325	.6335	.6345	.6355	.6365	.6375	.6385	.6395	.6405	.6415
48	.6335	.6345	.6355	.6365	.6375	.6385	.6395	.6405	.6415	.6425
50	.6345	.6355	.6365	.6375	.6385	.6395	.6410	.6420	.6430	.6440
52	.6360	.6370	.6380	.6390	.6400	.6410	.6420	.6430	.6440	.6450
54	.6370	.6380	.6390	.6400	.6410	.6420	.6430	.6440	.6450	.6460
56	.6380	.6390	.6400	.6410	.6420	.6430	.6440	.6450	.6460	.6470
58	.6390	.6400	.6410	.6420	.6430	.6440	.6450	.6460	.6470	.6480
60	.6400	.6410	.6420	.6430	.6440	.6450	.6460	.6470	.6480	.6490
62	.6410	.6420	.6430	.6440	.6450	.6460	.6470	.6480	.6490	.6500
64	.6420	.6430	.6440	.6450	.6460	.6470	.6480	.6490	.6500	.6510
66	.6430	.6440	.6450	.6460	.6470	.6480	.6490	.6500	.6510	.6520
68	.6440	.6450	.6460	.6470	.6480	.6490	.6500	.6510	.6520	.6530
70	.6450	.6460	.6470	.6480	.6490	.6500	.6510	.6520	.6530	.6540
72	.6460	.6470	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550
74	.6470	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560
76	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570
78	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580
80	.650	.651	.652	.653	.654	.655	.656	.657	.658	.659
82	.651	.652	.653	.654	.655	.656	.657	.658	.659	.660
84	.652	.653	.654	.655	.656	.657	.658	.659	.660	.661
86	.653	.654	.655	.656	.657	.658	.659	.660	.661	.662
88	.654	.655	.656	.657	.658	.659	.660	.661	.662	.663
90	.655	.656	.657	.658	.659	.660	.661	.662	.663	.664
92	.656	.657	.658	.659	.660	.661	.662	.663	.664	.665
94	.657	.658	.659	.660	.661	.662	.663	.664	.665	.666
96	.658	.659	.660	.661	.662	.663	.664	.665	.666	.667
98	.659	.660	.661	.662	.663	.664	.665	.666	.667	.668
100	.660	.661	.662	.663	.664	.665	.666	.667	.668	.669
102	.661	.662	.663	.664	.665	.666	.667	.668	.669	.670
104	.662	.663	.664	.665	.666	.667	.668	.669	.670	.671
106	.663	.664	.665	.666	.667	.668	.669	.670	.671	.672
108	.664	.665	.666	.667	.668	.669	.670	.671	.672	.673
110	.665	.666	.667	.668	.669	.670	.671	.672	.673	.674
112	.666	.667	.668	.669	.670	.671	.672	.673	.674	.675
114	.667	.668	.669	.670	.671	.672	.673	.674	.675	.676
116	.668	.669	.670	.671	.672	.673	.674	.675	.676	.677
118	.669	.670	.671	.672	.673	.674	.675	.676	.677	.678
120	.670	.671	.672	.673	.674	.675	.676	.677	.678	.679

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.650	0.651	0.652	0.653	0.654	0.655	0.656	0.657	0.658	0.659
	Corresponding specific gravities at 60°/60° F									
30	0.634	0.635	0.636	0.637	0.638	0.639	0.640	0.641	0.642	0.643
32	.635	.636	.637	.638	.639	.640	.641	.642	.643	.644
34	.636	.637	.638	.639	.640	.641	.642	.643	.644	.645
36	.637	.638	.639	.640	.641	.642	.643	.644	.645	.646
38	.638	.639	.640	.641	.642	.643	.644	.645	.646	.647
40	.6395	.6405	.6415	.6425	.6435	.6445	.6455	.6465	.6475	.6485
42	.6405	.6415	.6425	.6435	.6445	.6455	.6465	.6475	.6485	.6495
44	.6415	.6425	.6435	.6445	.6455	.6465	.6475	.6485	.6495	.6505
46	.6425	.6435	.6445	.6455	.6465	.6475	.6485	.6495	.6505	.6515
48	.6435	.6445	.6455	.6465	.6475	.6485	.6495	.6505	.6515	.6525
50	.6450	.6460	.6470	.6480	.6490	.6500	.6510	.6520	.6530	.6540
52	.6460	.6470	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550
54	.6470	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560
56	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570
58	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580
60	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580	.6590
62	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580	.6590	.6600
64	.6520	.6530	.6540	.6550	.6560	.6570	.6580	.6590	.6600	.6610
66	.6530	.6540	.6550	.6560	.6570	.6580	.6590	.6600	.6610	.6620
68	.6540	.6550	.6560	.6570	.6580	.6590	.6600	.6610	.6620	.6630
70	.6550	.6560	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640
72	.6560	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650
74	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660
76	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670
78	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680
80	.660	.661	.662	.663	.664	.665	.666	.667	.668	.669
82	.661	.662	.663	.664	.665	.666	.667	.668	.669	.670
84	.662	.663	.664	.665	.666	.667	.668	.669	.670	.671
86	.663	.664	.665	.666	.667	.668	.669	.670	.671	.672
88	.664	.665	.666	.667	.668	.669	.670	.671	.672	.673
90	.665	.666	.667	.668	.669	.670	.671	.672	.673	.674
92	.666	.667	.668	.669	.670	.671	.672	.673	.674	.675
94	.667	.668	.669	.670	.671	.672	.673	.674	.675	.676
96	.668	.669	.670	.671	.672	.673	.674	.675	.676	.677
98	.669	.670	.671	.672	.673	.674	.675	.676	.677	.678
100	.670	.671	.672	.673	.674	.675	.676	.677	.678	.679
102	.671	.672	.673	.674	.675	.676	.677	.678	.679	.680
104	.672	.673	.674	.675	.676	.677	.678	.679	.680	.681
106	.673	.674	.675	.676	.677	.678	.679	.680	.681	.682
108	.674	.675	.676	.677	.678	.679	.679	.680	.681	.682
110	.675	.676	.677	.678	.679	.680	.680	.681	.682	.683
112	.676	.677	.678	.679	.680	.681	.681	.682	.683	.684
114	.677	.678	.679	.680	.681	.682	.682	.683	.684	.685
116	.678	.679	.680	.681	.682	.683	.683	.684	.685	.686
118	.679	.680	.681	.682	.683	.684	.684	.685	.686	.687
120	.680	.681	.682	.683	.684	.685	.685	.686	.687	.688

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.660	0.661	0.662	0.663	0.664	0.665	0.666	0.667	0.668	0.669
	Corresponding specific gravities at 60°/60° F									
30	0.644	0.645	0.646	0.647	0648	0.649	0.650	0.651	0.652	0.653
32	.645	.646	.647	.648	.649	.650	.651	.652	.653	.654
34	.646	.647	.648	.649	.650	.651	.652	.653	.654	.655
36	.647	.648	.649	.650	.651	.652	.653	.654	.655	.656
38	.648	.649	.650	.651	.652	.653	.655	.656	.657	.658
40	.6495	.6505	.6515	.6525	.6535	.6545	.6560	.6570	.6580	.6590
42	.6505	.6515	.6525	.6535	.6545	.6555	.6570	.6580	.6590	.6600
44	.6515	.6525	.6535	.6545	.6555	.6565	.6580	.6590	.6600	.6610
46	.6525	.6535	.6545	.6555	.6565	.6575	.6590	.6600	.6610	.6620
48	.6535	.6545	.6555	.6565	.6575	.6585	.6600	.6610	.6620	.6630
50	.6550	.6560	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640
52	.6560	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650
54	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660
56	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670
58	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680
60	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690
62	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700
64	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710
66	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720
68	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730
70	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740
72	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750
74	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760
76	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770
78	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780
80	.670	.671	.672	.673	.674	.675	.676	.677	.678	.679
82	.671	.672	.673	.674	.675	.676	.677	.678	.679	.680
84	.672	.673	.674	.675	.676	.677	.678	.679	.680	.681
86	.673	.674	.675	.676	.677	.678	.679	.680	.681	.682
88	.674	.675	.676	.677	.678	.679	.679	.680	.681	.682
90	.675	.676	.677	.678	.679	.680	.680	.681	.682	.683
92	.676	.677	.678	.679	.680	.681	.681	.682	.683	.684
94	.677	.678	.679	.680	.681	.682	.682	.683	.684	.685
96	.678	.679	.680	.681	.682	.683	.683	.684	.685	.686
98	.679	.680	.681	.682	.683	.684	.684	.685	.686	.687
100	.680	.681	.682	.683	.684	.685	.685	.686	.687	.688
102	.681	.682	.683	.684	.685	.686	.686	.687	.688	.689
104	.682	.683	.684	.685	.686	.687	.687	.688	.689	.690
106	.683	.684	.685	.686	.687	.688	.688	.689	.690	.691
108	.683	.684	.685	.686	.687	.688	.689	.690	.691	.692
110	.684	.685	.686	.687	.688	.689	.690	.691	.692	.693
112	.685	.686	.687	.688	.689	.690	.691	.692	.693	.694
114	.686	.687	.688	.689	.690	.691	.692	.693	.694	.695
116	.687	.688	.689	.690	.691	.692	.693	.694	.695	.696
118	.688	.689	.690	.691	.692	.693	.694	.695	.696	.697
120	.689	.690	.691	.692	.693	.694	.695	.696	.697	.698

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.670	0.671	0.672	0.673	0.674	0.675	0.676	0.677	0.678	0.679
	Corresponding specific gravities at 60°/60° F									
30	0.654	0.655	0.656	0.657	0.658	0.659	0.661	0.662	0.663	0.664
32	.655	.656	.657	.658	.659	.660	.662	.663	.664	.665
34	.656	.657	.658	.659	.660	.661	.663	.664	.665	.666
36	.657	.658	.659	.660	.661	.662	.664	.665	.666	.667
38	.659	.660	.661	.662	.663	.664	.665	.666	.667	.668
40	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690
42	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700
44	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710
46	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720
48	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730
50	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740
52	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750
54	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760
56	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770
58	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780
60	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790
62	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800
64	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810
66	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820
68	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820	.6830
70	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820	.6830	.6840
72	.6760	.6770	.6780	.6790	.6800	.6810	.6820	.6830	.6840	.6850
74	.6770	.6780	.6790	.6800	.6810	.6820	.6830	.6840	.6850	.6860
76	.6780	.6790	.6800	.6810	.6820	.6830	.6835	.6845	.6855	.6865
78	.6790	.6800	.6810	.6820	.6830	.6840	.6845	.6855	.6865	.6875
80	.680	.681	.682	.683	.684	.685	.685	.686	.687	.688
82	.681	.682	.683	.684	.685	.686	.686	.687	.688	.689
84	.682	.683	.684	.685	.686	.687	.687	.688	.689	.690
86	.683	.684	.685	.686	.687	.688	.688	.689	.690	.691
88	.683	.684	.685	.686	.687	.688	.689	.690	.691	.692
90	.684	.685	.686	.687	.688	.689	.690	.691	.692	.693
92	.685	.686	.687	.688	.689	.690	.691	.692	.693	.694
94	.686	.687	.688	.689	.690	.691	.692	.693	.694	.695
96	.687	.688	.689	.690	.691	.692	.693	.694	.695	.696
98	.688	.689	.690	.691	.692	.693	.694	.695	.696	.697
100	.689	.690	.691	.692	.693	.694	.695	.696	.697	.698
102	.690	.691	.692	.693	.694	.695	.696	.697	.698	.699
104	.691	.692	.693	.694	.695	.696	.697	.698	.699	.700
106	.692	.693	.694	.695	.696	.697	.698	.699	.700	.701
108	.693	.694	.695	.696	.697	.698	.699	.700	.701	.702
110	.694	.695	.696	.697	.698	.699	.700	.701	.702	.703
112	.695	.696	.697	.698	.699	.700	.701	.702	.703	.704
114	.696	.697	.698	.699	.700	.701	.702	.703	.704	.705
116	.697	.698	.699	.700	.701	.702	.702	.703	.704	.705
118	.698	.699	.700	.701	.702	.703	.703	.704	.705	.706
120	.699	.700	.701	.702	.703	.704	.704	.705	.706	.707

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.680	0.681	0.682	0.683	0.684	0.685	0.686	0.687	0.688	0.689
	Corresponding specific gravities at 60°/60° F									
30	0.665	0.666	0.667	0.668	0.669	0.670	0.671	0.672	0.673	0.674
32	.666	.667	.668	.669	.670	.671	.672	.673	.674	.675
34	.667	.668	.669	.670	.671	.672	.673	.674	.675	.676
36	.668	.669	.670	.671	.672	.673	.674	.675	.676	.677
38	.669	.670	.671	.672	.673	.674	.675	.676	.677	.678
40	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790
42	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800
44	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810
46	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820
48	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820	.6830
50	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820	.6830	.6840
52	.6760	.6770	.6780	.6790	.6800	.6810	.6820	.6830	.6840	.6850
54	.6770	.6780	.6790	.6800	.6810	.6820	.6830	.6840	.6850	.6860
56	.6780	.6790	.6800	.6810	.6820	.6830	.6840	.6850	.6860	.6870
58	.6790	.6800	.6810	.6820	.6830	.6840	.6850	.6860	.6870	.6880
60	.6800	.6810	.6820	.6830	.6840	.6850	.6860	.6870	.6880	.6890
62	.6810	.6820	.6830	.6840	.6850	.6860	.6870	.6880	.6890	.6900
64	.6820	.6830	.6840	.6850	.6860	.6870	.6880	.6890	.6900	.6910
66	.6830	.6840	.6850	.6860	.6870	.6880	.6890	.6900	.6910	.6920
68	.6840	.6850	.6860	.6870	.6880	.6890	.6900	.6910	.6920	.6930
70	.6850	.6860	.6870	.6880	.6890	.6900	.6910	.6920	.6930	.6940
72	.6860	.6870	.6880	.6890	.6900	.6910	.6920	.6930	.6940	.6950
74	.6870	.6880	.6890	.6900	.6910	.6920	.6925	.6935	.6945	.6955
76	.6875	.6885	.6895	.6905	.6915	.6925	.6935	.6945	.6955	.6965
78	.6885	.6895	.6905	.6915	.6925	.6935	.6945	.6955	.6965	.6975
80	.689	.690	.691	.692	.693	.694	.695	.696	.697	.698
82	.690	.691	.692	.693	.694	.695	.696	.697	.698	.699
84	.691	.692	.693	.694	.695	.696	.697	.698	.699	.700
86	.692	.693	.694	.695	.696	.697	.698	.699	.700	.701
88	.693	.694	.695	.696	.697	.698	.699	.700	.701	.702
90	.694	.695	.696	.697	.698	.699	.700	.701	.702	.703
92	.695	.696	.697	.698	.699	.700	.701	.702	.703	.704
94	.696	.697	.698	.699	.700	.701	.702	.703	.704	.705
96	.697	.698	.699	.700	.701	.702	.703	.704	.705	.706
98	.698	.699	.700	.701	.702	.703	.704	.705	.706	.707
100	.699	.700	.701	.702	.703	.704	.705	.706	.707	.708
102	.700	.701	.702	.703	.704	.705	.706	.707	.708	.709
104	.701	.702	.703	.704	.705	.706	.707	.708	.709	.710
106	.702	.703	.704	.705	.706	.707	.708	.709	.710	.711
108	.703	.704	.705	.706	.707	.708	.708	.709	.710	.711
110	.704	.705	.706	.707	.708	.709	.709	.710	.711	.712
112	.705	.706	.707	.708	.709	.710	.710	.711	.712	.713
114	.706	.707	.708	.709	.710	.711	.711	.712	.713	.714
116	.706	.707	.708	.709	.710	.711	.712	.713	.714	.715
118	.707	.708	.709	.710	.711	.712	.713	.714	.715	.716
120	.708	.709	.710	.711	.712	.713	.714	.715	.716	.717

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.690	0.691	0.692	0.693	0.694	0.695	0.696	0.697	0.698	0.699
	Corresponding specific gravities at 60°/60° F									
30	0.675	0.676	0.677	0.678	0.679	0.680	0.681	0.682	0.683	0.684
32	.676	.677	.678	.679	.680	.681	.682	.683	.684	.685
34	.677	.678	.679	.680	.681	.682	.683	.684	.685	.686
36	.678	.679	.680	.681	.682	.683	.684	.685	.686	.687
38	.679	.680	.681	.682	.683	.684	.685	.686	.687	.688
40	.6800	.6810	.6820	.6830	.6840	.6850	.6865	.6875	.6885	.6895
42	.6810	.6820	.6830	.6840	.6850	.6860	.6875	.6885	.6895	.6905
44	.6820	.6830	.6840	.6850	.6860	.6870	.6885	.6895	.6905	.6915
46	.6830	.6840	.6850	.6860	.6870	.6880	.6895	.6905	.6915	.6925
48	.6840	.6850	.6860	.6870	.6880	.6890	.6900	.6910	.6920	.6930
50	.6850	.6860	.6870	.6880	.6890	.6900	.6910	.6920	.6930	.6940
52	.6860	.6870	.6880	.6890	.6900	.6910	.6920	.6930	.6940	.6950
54	.6870	.6880	.6890	.6900	.6910	.6920	.6930	.6940	.6950	.6960
56	.6880	.6890	.6900	.6910	.6920	.6930	.6940	.6950	.6960	.6970
58	.6890	.6900	.6910	.6920	.6930	.6940	.6950	.6960	.6970	.6980
60	.6900	.6910	.6920	.6930	.6940	.6950	.6960	.6970	.6980	.6990
62	.6910	.6920	.6930	.6940	.6950	.6960	.6970	.6980	.6990	.7000
64	.6920	.6930	.6940	.6950	.6960	.6970	.6980	.6990	.7000	.7010
66	.6930	.6940	.6950	.6960	.6970	.6980	.6990	.7000	.7010	.7020
68	.6940	.6950	.6960	.6970	.6980	.6990	.7000	.7010	.7020	.7030
70	.6950	.6960	.6970	.6980	.6990	.7000	.7010	.7020	.7030	.7040
72	.6960	.6970	.6980	.6990	.7000	.7010	.7015	.7025	.7035	.7045
74	.6965	.6975	.6985	.6995	.7005	.7015	.7025	.7035	.7045	.7055
76	.6975	.6985	.6995	.7005	.7015	.7025	.7035	.7045	.7055	.7065
78	.6985	.6995	.7005	.7015	.7025	.7035	.7045	.7055	.7065	.7075
80	.699	.700	.701	.702	.703	.704	.705	.706	.707	.708
82	.700	.701	.702	.703	.704	.705	.706	.707	.708	.709
84	.701	.702	.703	.704	.705	.706	.707	.708	.709	.710
86	.702	.703	.704	.705	.706	.707	.708	.709	.710	.711
88	.703	.704	.705	.706	.707	.708	.709	.710	.711	.712
90	.704	.705	.706	.707	.708	.709	.710	.711	.712	.713
92	.705	.706	.707	.708	.709	.710	.711	.712	.713	.714
94	.706	.707	.708	.709	.710	.711	.712	.713	.714	.715
96	.707	.708	.709	.710	.711	.712	.712	.713	.714	.715
98	.708	.709	.710	.711	.712	.713	.713	.714	.715	.716
100	.709	.710	.711	.712	.713	.714	.714	.715	.716	.717
102	.710	.711	.712	.713	.714	.715	.715	.716	.717	.718
104	.711	.712	.713	.714	.715	.716	.716	.717	.718	.719
106	.712	.713	.714	.715	.716	.717	.717	.718	.719	.720
108	.712	.713	.714	.715	.716	.717	.718	.719	.720	.721
110	.713	.714	.715	.716	.717	.718	.719	.720	.721	.722
112	.714	.715	.716	.717	.718	.719	.720	.721	.722	.723
114	.715	.716	.717	.718	.719	.720	.721	.722	.723	.724
116	.716	.717	.718	.719	.720	.721	.722	.723	.724	.725
118	.717	.718	.719	.720	.721	.722	.722	.723	.724	.725
120	.718	.719	.720	.721	.722	.723	.723	.724	.725	.726

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.700	0.701	0.702	0.703	0.704	0.705	0.706	0.707	0.708	0.709
	Corresponding specific gravities at 60°/60° F									
30	0.685	0.686	0.687	0.688	0.689	0.690	0.691	0.692	0.693	0.694
32	.686	.687	.688	.689	.690	.691	.692	.693	.694	.695
34	.687	.688	.689	.690	.691	.692	.693	.694	.695	.696
36	.688	.689	.690	.691	.692	.693	.694	.695	.696	.697
38	.689	.690	.691	.692	.693	.694	.695	.696	.697	.698
40	.6905	.6915	.6925	.6935	.6945	.6955	.6965	.6975	.6985	.6995
42	.6915	.6925	.6935	.6945	.6955	.6965	.6975	.6985	.6995	.7005
44	.6925	.6935	.6945	.6955	.6965	.6975	.6985	.6995	.7005	.7015
46	.6935	.6945	.6955	.6965	.6975	.6985	.6995	.7005	.7015	.7025
48	.6940	.6950	.6960	.6970	.6980	.6990	.7005	.7015	.7025	.7035
50	.6950	.6960	.6970	.6980	.6990	.7000	.7015	.7025	.7035	.7045
52	.6960	.6970	.6980	.6990	.7000	.7010	.7025	.7035	.7045	.7055
54	.6970	.6980	.6990	.7000	.7010	.7020	.7030	.7040	.7050	.7060
56	.6980	.6990	.7000	.7010	.7020	.7030	.7040	.7050	.7060	.7070
58	.6990	.7000	.7010	.7020	.7030	.7040	.7050	.7060	.7070	.7080
60	.7000	.7010	.7020	.7030	.7040	.7050	.7060	.7070	.7080	.7090
62	.7010	.7020	.7030	.7040	.7050	.7060	.7070	.7080	.7090	.7100
64	.7020	.7030	.7040	.7050	.7060	.7070	.7080	.7090	.7100	.7110
66	.7030	.7040	.7050	.7060	.7070	.7080	.7090	.7100	.7110	.7120
68	.7040	.7050	.7060	.7070	.7080	.7090	.7095	.7105	.7115	.7125
70	.7050	.7060	.7070	.7080	.7090	.7100	.7105	.7115	.7125	.7135
72	.7055	.7065	.7075	.7085	.7095	.7105	.7115	.7125	.7135	.7145
74	.7065	.7075	.7085	.7095	.7105	.7115	.7125	.7135	.7145	.7155
76	.7075	.7085	.7095	.7105	.7115	.7125	.7135	.7145	.7155	.7165
78	.7085	.7095	.7105	.7115	.7125	.7135	.7145	.7155	.7165	.7175
80	.709	.710	.711	.712	.713	.714	.715	.716	.717	.718
82	.710	.711	.712	.713	.714	.715	.716	.717	.718	.719
84	.711	.712	.713	.714	.715	.716	.717	.718	.719	.720
86	.712	.713	.714	.715	.716	.717	.718	.719	.720	.721
88	.713	.714	.715	.716	.717	.718	.719	.720	.721	.722
90	.714	.715	.716	.717	.718	.719	.720	.721	.722	.723
92	.715	.716	.717	.718	.719	.720	.720	.721	.722	.723
94	.716	.717	.718	.719	.720	.721	.721	.722	.723	.724
96	.716	.717	.718	.719	.720	.721	.722	.723	.724	.725
98	.717	.718	.719	.720	.721	.722	.723	.724	.725	.726
100	.718	.719	.720	.721	.722	.723	.724	.725	.726	.727
102	.719	.720	.721	.722	.723	.724	.725	.726	.727	.728
104	.720	.721	.722	.723	.724	.725	.726	.727	.728	.729
106	.721	.722	.723	.724	.725	.726	.727	.728	.729	.730
108	.722	.723	.724	.725	.726	.727	.728	.729	.730	.731
110	.723	.724	.725	.726	.727	.728	.729	.730	.731	.732
112	.724	.725	.726	.727	.728	.729	.730	.731	.732	.733
114	.725	.726	.727	.728	.729	.730	.731	.732	.733	.734
116	.726	.727	.728	.729	.730	.731	.731	.732	.733	.734
118	.726	.727	.728	.729	.730	.731	.732	.733	.734	.735
120	.727	.728	.729	.730	.731	.732	.733	.734	.735	.736

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.710	0.711	0.712	0.713	0.714	0.715	0.716	0.717	0.718	0.719
	Corresponding specific gravities at 60°/60° F									
30	0.695	0.696	0.697	0.698	0.699	0.700	0.701	0.702	0.703	0.704
32	.696	.697	.698	.699	.700	.701	.702	.703	.704	.705
34	.697	.698	.699	.700	.701	.702	.703	.704	.705	.706
36	.698	.699	.700	.701	.702	.703	.704	.705	.706	.707
38	.699	.700	.701	.702	.703	.704	.705	.706	.707	.708
40	.7005	.7015	.7025	.7035	.7045	.7055	.7065	.7075	.7085	.7095
42	.7015	.7025	.7035	.7045	.7055	.7065	.7075	.7085	.7095	.7105
44	.7025	.7035	.7045	.7055	.7065	.7075	.7085	.7095	.7105	.7115
46	.7035	.7045	.7055	.7065	.7075	.7085	.7095	.7105	.7115	.7125
48	.7045	.7055	.7065	.7075	.7085	.7095	.7105	.7115	.7125	.7135
50	.7055	.7065	.7075	.7085	.7095	.7105	.7115	.7125	.7135	.7145
52	.7065	.7075	.7085	.7095	.7105	.7115	.7125	.7135	.7145	.7155
54	.7070	.7080	.7090	.7100	.7110	.7120	.7130	.7140	.7150	.7160
56	.7080	.7090	.7100	.7110	.7120	.7130	.7140	.7150	.7160	.7170
58	.7090	.7100	.7110	.7120	.7130	.7140	.7150	.7160	.7170	.7180
60	.7100	.7110	.7120	.7130	.7140	.7150	.7160	.7170	.7180	.7190
62	.7110	.7120	.7130	.7140	.7150	.7160	.7170	.7180	.7190	.7200
64	.7120	.7130	.7140	.7150	.7160	.7170	.7180	.7190	.7200	.7210
66	.7130	.7140	.7150	.7160	.7170	.7180	.7185	.7195	.7205	.7215
68	.7135	.7145	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225
70	.7145	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235
72	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235	.7245
74	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235	.7245	.7255
76	.7175	.7185	.7195	.7205	.7215	.7225	.7235	.7245	.7255	.7265
78	.7185	.7195	.7205	.7215	.7225	.7235	.7245	.7255	.7265	.7275
80	.719	.720	.721	.722	.723	.724	.725	.726	.727	.728
82	.720	.721	.722	.723	.724	.725	.726	.727	.728	.729
84	.721	.722	.723	.724	.725	.726	.727	.728	.729	.730
86	.722	.723	.724	.725	.726	.727	.728	.729	.730	.731
88	.723	.724	.725	.726	.727	.728	.729	.730	.731	.732
90	.724	.725	.726	.727	.728	.729	.729	.730	.731	.732
92	.724	.725	.726	.727	.728	.729	.730	.731	.732	.733
94	.725	.726	.727	.728	.729	.730	.731	.732	.733	.734
96	.726	.727	.728	.729	.730	.731	.732	.733	.734	.735
98	.727	.728	.729	.730	.731	.732	.733	.734	.735	.736
100	.728	.729	.730	.731	.732	.733	.734	.735	.736	.737
102	.729	.730	.731	.732	.733	.734	.735	.736	.737	.738
104	.730	.731	.732	.733	.734	.735	.736	.737	.738	.739
106	.731	.732	.733	.734	.735	.736	.737	.738	.739	.740
108	.732	.733	.734	.735	.736	.737	.737	.738	.739	.740
110	.733	.734	.735	.736	.737	.738	.738	.739	.740	.741
112	.734	.735	.736	.737	.738	.739	.739	.740	.741	.742
114	.734	.735	.736	.737	.738	.739	.740	.741	.742	.743
116	.735	.736	.737	.738	.739	.740	.741	.742	.743	.744
118	.736	.737	.738	.739	.740	.741	.742	.743	.744	.745
120	.737	.738	.739	.740	.741	.742	.742	.743	.744	.745

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.720	0.721	0.722	0.723	0.724	0.725	0.726	0.727	0.728	0.729
	Corresponding specific gravities at 60°/60° F									
30	0.705	0.706	0.707	0.708	0.709	0.710	0.712	0.713	0.714	0.715
32	.706	.707	.708	.709	.710	.711	.713	.714	.715	.716
34	.707	.708	.709	.710	.711	.712	.714	.715	.716	.717
36	.708	.709	.710	.711	.712	.713	.715	.716	.717	.718
38	.709	.710	.711	.712	.713	.714	.716	.717	.718	.719
40	.7105	.7115	.7125	.7135	.7145	.7155	.7165	.7175	.7185	.7195
42	.7115	.7125	.7135	.7145	.7155	.7165	.7175	.7185	.7195	.7205
44	.7125	.7135	.7145	.7155	.7165	.7175	.7185	.7195	.7205	.7215
46	.7135	.7145	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225
48	.7145	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235
50	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235	.7245
52	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235	.7245	.7255
54	.7170	.7180	.7190	.7200	.7210	.7220	.7230	.7240	.7250	.7260
56	.7180	.7190	.7200	.7210	.7220	.7230	.7240	.7250	.7260	.7270
58	.7190	.7200	.7210	.7220	.7230	.7240	.7250	.7260	.7270	.7280
60	.7200	.7210	.7220	.7230	.7240	.7250	.7260	.7270	.7280	.7290
62	.7210	.7220	.7230	.7240	.7250	.7260	.7270	.7280	.7290	.7300
64	.7220	.7230	.7240	.7250	.7260	.7270	.7280	.7290	.7300	.7310
66	.7225	.7235	.7245	.7255	.7265	.7275	.7285	.7295	.7305	.7315
68	.7235	.7245	.7255	.7265	.7275	.7285	.7295	.7305	.7315	.7325
70	.7245	.7255	.7265	.7275	.7285	.7295	.7305	.7315	.7325	.7335
72	.7255	.7265	.7275	.7285	.7295	.7305	.7315	.7325	.7335	.7345
74	.7265	.7275	.7285	.7295	.7305	.7315	.7325	.7335	.7345	.7355
76	.7275	.7285	.7295	.7305	.7315	.7325	.7330	.7340	.7350	.7360
78	.7285	.7295	.7305	.7315	.7325	.7335	.7340	.7350	.7360	.7370
80	.729	.730	.731	.732	.733	.734	.735	.736	.737	.738
82	.730	.731	.732	.733	.734	.735	.736	.737	.738	.739
84	.731	.732	.733	.734	.735	.736	.737	.738	.739	.740
86	.732	.733	.734	.735	.736	.737	.737	.738	.739	.740
88	.733	.734	.735	.736	.737	.738	.738	.739	.740	.741
90	.733	.734	.735	.736	.737	.738	.739	.740	.741	.742
92	.734	.735	.736	.737	.738	.739	.740	.741	.742	.743
94	.735	.736	.737	.738	.739	.740	.741	.742	.743	.744
96	.736	.737	.738	.739	.740	.741	.742	.743	.744	.745
98	.737	.738	.739	.740	.741	.742	.743	.744	.745	.746
100	.738	.739	.740	.741	.742	.743	.743	.744	.745	.746
102	.739	.740	.741	.742	.743	.744	.744	.745	.746	.747
104	.740	.741	.742	.743	.744	.745	.745	.746	.747	.748
106	.741	.742	.743	.744	.745	.746	.746	.747	.748	.749
108	.741	.742	.743	.744	.745	.746	.747	.748	.749	.750
110	.742	.743	.744	.745	.746	.747	.748	.749	.750	.751
112	.743	.744	.745	.746	.747	.748	.749	.750	.751	.752
114	.744	.745	.746	.747	.748	.749	.749	.750	.751	.752
116	.745	.746	.747	.748	.749	.750	.750	.751	.752	.753
118	.746	.747	.748	.749	.750	.751	.751	.752	.753	.754
120	.746	.747	.748	.749	.750	.751	.752	.753	.754	.755

TABLE 1—Continued

Observed temperature in ° F	Observed specific gravities									
	0.730	0.731	0.732	0.733	0.734	0.735	0.736	0.737	0.738	0.739
	Corresponding specific gravities at 60°/60° F									
30	0.716	0.717	0.718	0.719	0.720	0.721	0.722	0.723	0.724	0.725
32	.717	.718	.719	.720	.721	.722	.723	.724	.725	.726
34	.718	.719	.720	.721	.722	.723	.724	.725	.726	.727
36	.719	.720	.721	.722	.723	.724	.725	.726	.727	.728
38	.720	.721	.722	.723	.724	.725	.726	.727	.728	.729
40	.7205	.7215	.7225	.7235	.7245	.7255	.7270	.7280	.7290	.7300
42	.7215	.7225	.7235	.7245	.7255	.7265	.7275	.7285	.7295	.7305
44	.7225	.7235	.7245	.7255	.7265	.7275	.7285	.7295	.7305	.7315
46	.7235	.7245	.7255	.7265	.7275	.7285	.7295	.7305	.7315	.7325
48	.7245	.7255	.7265	.7275	.7285	.7295	.7305	.7315	.7325	.7335
50	.7255	.7265	.7275	.7285	.7295	.7305	.7315	.7325	.7335	.7345
52	.7265	.7275	.7285	.7295	.7305	.7315	.7325	.7335	.7345	.7355
54	.7270	.7280	.7290	.7300	.7310	.7320	.7330	.7340	.7350	.7360
56	.7280	.7290	.7300	.7310	.7320	.7330	.7340	.7350	.7360	.7370
58	.7290	.7300	.7310	.7320	.7330	.7340	.7350	.7360	.7370	.7380
60	.7300	.7310	.7320	.7330	.7340	.7350	.7360	.7370	.7380	.7390
62	.7310	.7320	.7330	.7340	.7350	.7360	.7370	.7380	.7390	.7400
64	.7320	.7330	.7340	.7350	.7360	.7370	.7375	.7385	.7395	.7405
66	.7325	.7335	.7345	.7355	.7365	.7375	.7385	.7395	.7405	.7415
68	.7335	.7345	.7355	.7365	.7375	.7385	.7395	.7405	.7415	.7425
70	.7345	.7355	.7365	.7375	.7385	.7395	.7405	.7415	.7425	.7435
72	.7355	.7365	.7375	.7385	.7395	.7405	.7410	.7420	.7430	.7440
74	.7365	.7375	.7385	.7395	.7405	.7415	.7420	.7430	.7440	.7450
76	.7370	.7380	.7390	.7400	.7410	.7420	.7430	.7440	.7450	.7460
78	.7380	.7390	.7400	.7410	.7420	.7430	.7440	.7450	.7460	.7470
80	.739	.740	.741	.742	.743	.744	.744	.745	.746	.747
82	.740	.741	.742	.743	.744	.745	.745	.746	.747	.748
84	.741	.742	.743	.744	.745	.746	.746	.747	.748	.749
86	.741	.742	.743	.744	.745	.746	.747	.748	.749	.750
88	.742	.743	.744	.745	.746	.747	.748	.749	.750	.751
90	.743	.744	.745	.746	.747	.748	.749	.750	.751	.752
92	.744	.745	.746	.747	.748	.749	.750	.751	.752	.753
94	.745	.746	.747	.748	.749	.750	.751	.752	.753	.754
96	.746	.747	.748	.749	.750	.751	.751	.752	.753	.754
98	.747	.748	.749	.750	.751	.752	.752	.753	.754	.755
100	.747	.748	.749	.750	.751	.752	.753	.754	.755	.756
102	.748	.749	.750	.751	.752	.753	.754	.755	.756	.757
104	.749	.750	.751	.752	.753	.754	.755	.756	.757	.758
106	.750	.751	.752	.753	.754	.755	.756	.757	.758	.759
108	.751	.752	.753	.754	.755	.756	.756	.757	.758	.759
110	.752	.753	.754	.755	.756	.757	.757	.758	.759	.760
112	.753	.754	.755	.756	.757	.758	.758	.759	.760	.761
114	.753	.754	.755	.756	.757	.758	.759	.760	.761	.762
116	.754	.755	.756	.757	.758	.759	.760	.761	.762	.763
118	.755	.756	.757	.758	.759	.760	.761	.762	.763	.764
120	.756	.757	.758	.759	.760	.761	.761	.762	.763	.764

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.740	0.741	0.742	0.743	0.744	0.745	0.746	0.747	0.748	0.749
	Corresponding specific gravities at 60°/60° F									
30	0.726	0.727	0.728	0.729	0.730	0.731	0.732	0.733	0.734	0.735
32	.727	.728	.729	.730	.731	.732	.733	.734	.735	.736
34	.728	.729	.730	.731	.732	.733	.734	.735	.736	.737
36	.729	.730	.731	.732	.733	.734	.735	.736	.737	.738
38	.730	.731	.732	.733	.734	.735	.736	.737	.738	.739
40	.7310	.7320	.7330	.7340	.7350	.7360	.7370	.7380	.7390	.7400
42	.7315	.7325	.7335	.7345	.7355	.7365	.7380	.7390	.7400	.7410
44	.7325	.7335	.7345	.7355	.7365	.7375	.7390	.7400	.7410	.7420
46	.7335	.7345	.7355	.7365	.7375	.7385	.7400	.7410	.7420	.7430
48	.7345	.7355	.7365	.7375	.7385	.7395	.7405	.7415	.7425	.7435
50	.7355	.7365	.7375	.7385	.7395	.7405	.7415	.7425	.7435	.7445
52	.7365	.7375	.7385	.7395	.7405	.7415	.7425	.7435	.7445	.7455
54	.7370	.7380	.7390	.7400	.7410	.7420	.7435	.7445	.7455	.7465
56	.7380	.7390	.7400	.7410	.7420	.7430	.7440	.7450	.7460	.7470
58	.7390	.7400	.7410	.7420	.7430	.7440	.7450	.7460	.7470	.7480
60	.7400	.7410	.7420	.7430	.7440	.7450	.7460	.7470	.7480	.7490
62	.7410	.7420	.7430	.7440	.7450	.7460	.7470	.7480	.7490	.7500
64	.7415	.7425	.7435	.7445	.7455	.7465	.7475	.7485	.7495	.7505
66	.7425	.7435	.7445	.7455	.7465	.7475	.7485	.7495	.7505	.7515
68	.7435	.7445	.7455	.7465	.7475	.7485	.7495	.7505	.7515	.7525
70	.7445	.7455	.7465	.7475	.7485	.7495	.7505	.7515	.7525	.7535
72	.7450	.7460	.7470	.7480	.7490	.7500	.7510	.7520	.7530	.7540
74	.7460	.7470	.7480	.7490	.7500	.7510	.7520	.7530	.7540	.7550
76	.7470	.7480	.7490	.7500	.7510	.7520	.7530	.7540	.7550	.7560
78	.7480	.7490	.7500	.7510	.7520	.7530	.7540	.7550	.7560	.7570
80	.748	.749	.750	.751	.752	.753	.754	.755	.756	.757
82	.749	.750	.751	.752	.753	.754	.755	.756	.757	.758
84	.750	.751	.752	.753	.754	.755	.756	.757	.758	.759
86	.751	.752	.753	.754	.755	.756	.757	.758	.759	.760
88	.752	.753	.754	.755	.756	.757	.758	.759	.760	.761
90	.753	.754	.755	.756	.757	.758	.759	.760	.761	.762
92	.754	.755	.756	.757	.758	.759	.759	.760	.761	.762
94	.755	.756	.757	.758	.759	.760	.760	.761	.762	.763
96	.755	.756	.757	.758	.759	.760	.761	.762	.763	.764
98	.756	.757	.758	.759	.760	.761	.762	.763	.764	.765
100	.757	.758	.759	.760	.761	.762	.763	.764	.765	.766
102	.758	.759	.760	.761	.762	.763	.764	.765	.766	.767
104	.759	.760	.761	.762	.763	.764	.764	.765	.766	.767
105	.760	.761	.762	.763	.764	.765	.765	.766	.767	.768
108	.750	.761	.762	.763	.764	.765	.766	.767	.768	.769
110	.761	.762	.763	.764	.765	.766	.767	.768	.769	.770
112	.762	.763	.764	.765	.766	.767	.768	.769	.770	.771
114	.763	.764	.765	.766	.767	.768	.768	.769	.770	.771
116	.764	.765	.766	.767	.768	.769	.769	.770	.771	.772
118	.765	.766	.767	.768	.769	.770	.770	.771	.772	.773
120	.765	.766	.767	.768	.769	.770	.771	.772	.773	.774

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.750	0.751	0.752	0.753	0.754	0.755	0.756	0.757	0.758	0.759
	Corresponding specific gravities at 60°/60° F									
30	0.736	0.737	0.738	0.739	0.740	0.741	0.742	0.743	0.744	0.745
32	.737	.738	.739	.740	.741	.742	.743	.744	.745	.746
34	.738	.739	.740	.741	.742	.743	.744	.745	.746	.747
36	.739	.740	.741	.742	.743	.744	.745	.746	.747	.748
38	.740	.741	.742	.743	.744	.745	.746	.747	.748	.749
40	.7410	.7420	.7430	.7440	.7450	.7460	.7475	.7485	.7495	.7505
42	.7420	.7430	.7440	.7450	.7460	.7470	.7480	.7490	.7500	.7510
44	.7430	.7440	.7450	.7460	.7470	.7480	.7490	.7500	.7510	.7520
46	.7440	.7450	.7460	.7470	.7480	.7490	.7500	.7510	.7520	.7530
48	.7445	.7455	.7465	.7475	.7485	.7495	.7510	.7520	.7530	.7540
50	.7455	.7465	.7475	.7485	.7495	.7505	.7515	.7525	.7535	.7545
52	.7465	.7475	.7485	.7495	.7505	.7515	.7525	.7535	.7545	.7555
54	.7475	.7485	.7495	.7505	.7515	.7525	.7535	.7545	.7555	.7565
56	.7480	.7490	.7500	.7510	.7520	.7530	.7540	.7550	.7560	.7570
58	.7490	.7500	.7510	.7520	.7530	.7540	.7550	.7560	.7570	.7580
60	.7500	.7510	.7520	.7530	.7540	.7550	.7560	.7570	.7580	.7590
62	.7510	.7520	.7530	.7540	.7550	.7560	.7570	.7580	.7590	.7600
64	.7515	.7525	.7535	.7545	.7555	.7565	.7575	.7585	.7595	.7605
66	.7525	.7535	.7545	.7555	.7565	.7575	.7585	.7595	.7605	.7615
68	.7535	.7545	.7555	.7565	.7575	.7585	.7590	.7600	.7610	.7620
70	.7545	.7555	.7565	.7575	.7585	.7595	.7600	.7610	.7620	.7630
72	.7550	.7560	.7570	.7580	.7590	.7600	.7610	.7620	.7630	.7640
74	.7560	.7570	.7580	.7590	.7600	.7610	.7615	.7625	.7635	.7645
76	.7570	.7580	.7590	.7600	.7610	.7620	.7625	.7635	.7645	.7655
78	.7580	.7590	.7600	.7610	.7620	.7630	.7635	.7645	.7655	.7665
80	.758	.759	.760	.761	.762	.763	.764	.765	.766	.767
82	.759	.760	.761	.762	.763	.764	.765	.766	.767	.768
84	.760	.761	.762	.763	.764	.765	.766	.767	.768	.769
86	.761	.762	.763	.764	.765	.766	.767	.768	.769	.770
88	.762	.763	.764	.765	.766	.767	.767	.768	.769	.770
90	.763	.764	.765	.766	.767	.768	.768	.769	.770	.771
92	.763	.764	.765	.766	.767	.768	.769	.770	.771	.772
94	.764	.765	.766	.767	.768	.769	.770	.771	.772	.773
96	.765	.766	.767	.768	.769	.770	.771	.772	.773	.774
98	.766	.767	.768	.769	.770	.771	.771	.772	.773	.774
100	.767	.768	.769	.770	.771	.772	.772	.773	.774	.775
102	.768	.769	.770	.771	.772	.773	.773	.774	.775	.776
104	.768	.769	.770	.771	.772	.773	.774	.775	.776	.777
106	.769	.770	.771	.772	.773	.774	.775	.776	.777	.778
108	.770	.771	.772	.773	.774	.775	.775	.776	.777	.778
110	.771	.772	.773	.774	.775	.776	.776	.777	.778	.779
112	.772	.773	.774	.775	.776	.777	.777	.778	.779	.780
114	.772	.773	.774	.775	.776	.777	.778	.779	.780	.781
116	.773	.774	.775	.776	.777	.778	.779	.780	.781	.782
118	.774	.775	.776	.777	.778	.779	.780	.781	.782	.783
120	.775	.776	.777	.778	.779	.780	.780	.781	.782	.783

TABLE 1—Continued

Observed temperature in ° F	Observed specific gravities									
	0.760	0.761	0.762	0.763	0.764	0.765	0.766	0.767	0.768	0.769
	Corresponding specific gravities at 60°/60° F									
30	0.746	0.747	0.748	0.749	0.750	0.751	0.753	0.754	0.755	0.756
32	.747	.748	.749	.750	.751	.752	.754	.755	.756	.757
34	.748	.749	.750	.751	.752	.753	.755	.756	.757	.758
36	.749	.750	.751	.752	.753	.754	.756	.757	.758	.759
38	.750	.751	.752	.753	.754	.755	.757	.758	.759	.760
40	.7515	.7525	.7535	.7545	.7555	.7565	.7575	.7585	.7595	.7605
42	.7520	.7530	.7540	.7550	.7560	.7570	.7585	.7595	.7605	.7615
44	.7530	.7540	.7550	.7560	.7570	.7580	.7590	.7600	.7610	.7620
46	.7540	.7550	.7560	.7570	.7580	.7590	.7600	.7610	.7620	.7630
48	.7550	.7560	.7570	.7580	.7590	.7600	.7610	.7620	.7630	.7640
50	.7555	.7565	.7575	.7585	.7595	.7605	.7620	.7630	.7640	.7650
52	.7565	.7575	.7585	.7595	.7605	.7615	.7625	.7635	.7645	.7655
54	.7575	.7585	.7595	.7605	.7615	.7625	.7635	.7645	.7655	.7665
56	.7580	.7590	.7600	.7610	.7620	.7630	.7645	.7655	.7665	.7675
58	.7590	.7600	.7610	7620	.7630	.7640	.7650	.7660	.7670	.7680
60	.7600	.7610	.7620	.7630	.7640	7650	.7660	.7670	.7680	.7690
62	.7610	.7620	.7630	.7640	.7650	.7660	.7670	.7680	.7690	.7700
64	.7615	.7625	.7635	.7645	.7655	.7665	.7675	.7685	.7695	.7705
66	.7625	.7635	.7645	.7655	.7665	.7675	.7685	.7695	.7705	.7715
68	.7630	.7640	.7650	.7660	.7670	.7680	.7690	.7700	.7710	.7720
70	.7640	.7650	.7660	.7670	.7680	.7690	.7700	.7710	.7720	.7730
72	.7650	.7650	.7670	.7680	.7690	.7700	.7710	.7720	.7730	.7740
74	.7655	.7665	.7675	.7685	.7695	.7705	.7715	.7725	.7735	.7745
76	.7665	.7675	.7685	.7695	.7705	.7715	.7725	.7735	.7745	.7755
78	.7675	.7685	.7695	.7705	.7715	.7725	.7735	.7745	.7755	.7765
80	.768	.769	.770	.771	.772	.773	.774	.775	.776	.777
82	.769	.770	.771	.772	.773	.774	.775	.776	.777	.778
84	.770	.771	.772	.773	.774	.775	.776	.777	.778	.779
86	.771	.772	.773	.774	.775	.776	.776	.777	.778	.779
88	.771	.772	.773	.774	.775	.776	.777	.778	.779	.780
90	.772	.773	.774	.775	.776	.777	.778	.779	.780	.781
92	.773	.774	.775	.776	.777	.778	.779	.780	.781	.782
94	.774	.775	.776	.777	.778	.779	.780	.781	.782	.783
96	.775	.776	.777	.778	.779	.780	.780	.781	.782	.783
98	.775	.776	.777	.778	.779	.780	.781	.782	.783	.784
100	.776	.777	.778	.779	.780	.781	.782	.783	.784	.785
102	.777	.778	.779	.780	.781	.782	.783	.784	.785	.786
104	.778	.779	.780	.781	.782	.783	.784	.785	.786	.787
106	.779	.780	.781	.782	.783	.784	.784	.785	.786	.787
108	.779	.780	.781	.782	.783	.784	.785	.786	.787	.788
110	.780	.781	.782	.783	.784	.785	.786	.787	.788	.789
112	.781	.782	.783	.784	.785	.786	.787	.788	.789	.790
114	.782	.783	.784	.785	.786	.787	.787	.788	.789	.790
116	.783	.784	.785	.786	.787	.788	788	.789	.790	.791
118	.784	.785	.786	.787	.788	.789	.789	.790	.791	.792
120	.784	.785	.786	.787	.788	.789	.790	.791	.792	.793

TABLE 1—Continued

Observed temperature in ° F	Observed specific gravities									
	0.770	0.771	0.772	0.773	0.774	0.775	0.776	0.777	0.778	0.779
	Corresponding specific gravities at 60°/60° F									
30	0.757	0.758	0.759	0.760	0.761	.0762	0.763	0.764	0.765	0.766
32	.758	.759	.760	.761	.762	.763	.764	.765	.766	.767
34	.759	.760	.761	.762	.763	.764	.765	.766	.767	.768
36	.760	.761	.762	.763	.764	.765	.766	.767	.768	.769
38	.761	.762	.763	.764	.765	.766	.767	.768	.769	.770
40	.7615	.7625	.7635	.7645	.7655	.7665	.7675	.7685	.7695	.7705
42	.7625	.7635	.7645	.7655	.7665	.7675	.7685	.7695	.7705	.7715
44	.7630	.7640	.7650	.7660	.7670	.7680	.7695	.7705	.7715	.7725
46	.7640	.7650	.7660	.7670	.7680	.7690	.7700	.7710	.7720	.7730
48	.7650	.7660	.7670	.7680	.7690	.7700	.7710	.7720	7730	.7740
50	.7660	.7670	.7680	.7690	.7700	.7710	.7720	7730	.7740	.7750
52	.7665	.7675	.7685	.7695	.7705	.7715	.7725	.7735	.7745	.7755
54	.7675	.7685	.7695	.7705	.7715	.7725	.7735	.7745	.7755	.7765
56	.7685	.7695	.7705	.7715	.7725	.7735	.7745	.7755	.7765	.7775
58	.7690	.7700	.7710	.7720	.7730	.7740	.7750	.7760	.7770	.7780
60	.7700	.7710	.7720	.7730	7740	.7750	.7760	.7770	.7780	.7790
62	.7710	.7720	.7730	.7740	.7750	.7760	.7770	.7780	.7790	.7800
64	.7715	.7725	.7735	.7745	.7755	.7765	.7775	.7785	.7795	.7805
66	.7725	.7735	.7745	.7755	.7765	.7775	.7785	.7795	.7805	.7815
68	.7730	.7740	.7750	.7760	.7770	.7780	.7790	.7800	.7810	.7820
70	.7740	.7750	.7760	.7770	.7780	.7790	.7800	.7810	.7820	.7830
72	.7750	7760	.7770	.7780	.7790	.7800	.7810	.7820	.7830	.7840
74	.7755	.7765	.7775	.7785	.7795	.7805	.7815	.7825	.7835	.7845
76	.7765	.7775	.7785	.7795	.7805	.7815	.7825	.7835	.7845	.7855
78	.7775	.7785	.7795	.7805	.7815	.7825	.7835	.7845.	.7855	.7865
80	.778	.779	.780	.781	.782	.783	.784	.785	.786	.787
82	.779	.780	.781	.782	.783	.784	.785	.786	.787	.783
84	.780	.781	.782	.783	.784	.785	.785	.786	.787	.788
86	.780	.781	.782	.783	.784	.785	.786	.787	.788	.789
88	.781	.782	.783	.784	.785	.786	.787	.788	.739	.790
90	.782	.783	.784	.785	.786	.787	.788	.789	.790	.791
92	.783	.784	.785	.786	.787	.788	.789	.790	.791	.792
94	.784	.785	.786	.787	.788	.789	.789	.790	.791	.792
96	.784	.785	.786	.787	.788	.789	.790	.791	.792	.793
98	.785	.786	.787	.788	.789	.790	.791	.792	.793	.794
100	.786	.787	.788	.789	.790	.791	.792	.793	.794	.795
102	.787	.788	.789	.790	.791	.792	.792	.793	.794	.795
104	.788	.789	.790	.791	.792	.793	.793	.794	.795	.796
106	.788	.789	.790	.791	.792	.793	.794	.795	.796	.797
108	.789	.790	.791	.792	.793	.794	.795	.796	.797	.798
110	.790	.791	.792	.793	.794	.795	.795	.796	.797	.798
112	.791	.792	.793	.794	.795	.796	.796	.797	.798	.799
114	.791	.792	.793	.794	.795	.796	.797	.798	.799	.800
116	.792	.793	.794	.795	.796	.797	.798	.799	.800	.801
118	.793	.794	.795	.796	.797	.798	.799	.800	.801	.802
120	.794	.795	.796	.797	.798	.799	.799	.800	.801	.802

TABLE 1—Continued

Observed temperature in ° F	Observed specific gravities									
	0.780	0.781	0.782	0.783	0.784	0.785	0.786	0.787	0.788	0.789
	Corresponding specific gravities at 60°/60° F									
30	0.767	0.768	0.769	0.770	0.771	0.772	0.773	0.774	0.775	0.776
32	.768	.769	.770	.771	.772	.773	.774	.775	.776	.777
34	.769	.770	.771	.772	.773	.774	.775	.776	.777	.778
36	.770	.771	.772	.773	.774	.775	.776	.777	.778	.779
38	.771	.772	.773	.774	.775	.776	.777	.778	.779	.780
40	.7715	.7725	.7735	.7745	.7755	.7765	.7780	.7790	.7800	.7810
42	.7725	.7735	.7745	.7755	.7765	.7775	.7785	.7795	.7805	.7815
44	.7735	.7745	.7755	.7765	.7775	.7785	.7795	.7805	.7815	.7825
46	.7740	.7750	.7760	.7770	.7780	.7790	.7805	.7815	.7825	.7835
48	.7750	.7760	.7770	.7780	.7790	.7800	.7810	.7820	.7830	.7840
50	.7760	.7770	.7780	.7790	.7800	.7810	.7820	.7830	.7840	.7850
52	.7765	.7775	.7785	.7795	.7805	.7815	.7830	.7840	.7850	.7860
54	.7775	.7785	.7795	.7805	.7815	.7825	.7835	.7845	.7855	.7865
56	.7785	.7795	.7805	.7815	.7825	.7835	.7845	.7855	.7865	.7875
58	.7790	.7800	.7810	.7820	.7830	.7840	.7850	.7860	.7870	.7880
60	.7800	.7810	.7820	.7830	.7840	.7850	.7860	.7870	.7880	.7890
62	.7810	.7820	.7830	.7840	.7850	.7860	.7865	.7875	.7885	.7895
64	.7815	.7825	.7835	.7845	.7855	.7865	.7875	.7885	.7895	.7905
66	.7825	.7835	.7845	.7855	.7865	.7875	.7885	.7895	.7905	.7915
68	.7830	.7840	.7850	.7860	.7870	.7880	.7890	.7900	.7910	.7920
70	.7840	.7850	.7860	.7870	.7880	.7890	.7900	.7910	.7920	.7930
72	.7850	.7860	.7870	.7880	.7890	.7900	.7905	.7915	.7925	.7935
74	.7855	.7865	.7875	.7885	.7895	.7905	.7915	.7925	.7935	.7945
76	.7865	.7875	.7885	.7895	.7905	.7915	.7925	.7935	.7945	.7955
78	.7875	.7885	.7895	.7905	.7915	.7925	.7930	.7940	.7950	.7960
80	.788	.789	.790	.791	.792	.793	.794	.795	.796	.797
82	.789	.790	.791	.792	.793	.794	.794	.795	.796	.797
84	.789	.790	.791	.792	.793	.794	.795	.796	.797	.798
86	.790	.791	.792	.793	.794	.795	.796	.797	.798	.799
88	.791	.792	.793	.794	.795	.796	.797	.798	.799	.800
90	.792	.793	.794	.795	.796	.797	.798	.799	.800	.801
92	.793	.794	.795	.796	.797	.798	.798	.799	.800	.801
94	.793	.794	.795	.796	.797	.798	.799	.800	.801	.802
96	.794	.795	.796	.797	.798	.799	.800	.801	.802	.803
98	.795	.796	.797	.798	.799	.800	.801	.802	.803	.804
100	.796	.797	.798	.799	.800	.801	.801	.802	.803	.804
102	.796	.797	.798	.799	.800	.801	.802	.803	.804	.805
104	.797	.798	.799	.800	.801	.802	.803	.804	.805	.806
106	.798	.799	.800	.801	.802	.803	.804	.805	.806	.807
108	.799	.800	.801	.802	.803	.804	.804	.805	.806	.807
110	.799	.800	.801	.802	.803	.804	.805	.806	.807	.808
112	.800	.801	.802	.803	.804	.805	.806	.807	.808	.809
114	.801	.802	.803	.804	.805	.806	.807	.808	.809	.810
116	.802	.803	.804	.805	.806	.807	.807	.808	.809	.810
118	.803	.804	.805	.806	.807	.808	.808	.809	.810	.811
120	.803	.804	.805	.806	.807	.808	.809	.810	.811	.812

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.790	0.791	0.792	0.793	0.794	0.795	0.796	0.797	0.798	0.799
	Corresponding specific gravities at 60°/60° F									
30	0.777	0.778	0.779	0.780	0.781	0.782	0.784	0.785	0.786	0.787
32	.778	.779	.780	.781	.782	.783	.784	.785	.786	.787
34	.779	.780	.781	.782	.783	.784	.785	.786	.787	.788
36	.780	.781	.782	.783	.784	.785	.786	.787	.788	.789
38	.781	.782	.783	.784	.785	.786	.787	.788	.789	.790
40	.7820	.7830	.7840	.7850	.7860	.7870	.7880	.7890	.7900	.7910
42	.7825	.7835	.7845	.7855	.7865	.7875	.7890	.7900	.7910	.7920
44	.7835	.7845	.7855	.7865	.7875	.7885	.7895	.7905	.7915	.7925
46	.7845	.7855	.7865	.7875	.7885	.7895	.7905	.7915	.7925	.7935
48	.7850	.7860	.7870	.7880	.7890	.7900	.7910	.7920	.7930	.7940
50	.7860	.7870	.7880	.7890	.7900	.7910	.7920	.7930	.7940	.7950
52	.7870	.7880	.7890	.7900	.7910	.7920	.7930	.7940	.7950	.7960
54	.7875	.7885	.7895	.7905	.7915	.7925	.7935	.7945	.7955	.7965
56	.7885	.7895	.7905	.7915	.7925	.7935	.7945	.7955	.7965	.7975
58	.7890	.7900	.7910	.7920	.7930	.7940	.7955	.7965	.7975	.7985
60	.7900	.7910	.7920	.7930	.7940	.7950	.7960	.7970	.7980	.7990
62	.7905	.7915	.7925	.7935	.7945	.7955	.7965	.7975	.7985	.7995
64	.7915	.7925	.7935	.7945	.7955	.7965	.7975	.7985	.7995	.8005
66	.7925	.7935	.7945	.7955	.7965	.7975	.7985	.7995	.8005	.8015
68	.7930	.7940	.7950	.7960	.7970	.7980	.7990	.8000	.8010	.8020
70	.7940	.7950	.7960	.7970	.7980	.7990	.8000	.8010	.8020	.8030
72	.7945	.7955	.7965	.7975	.7985	.7995	.8005	.8015	.8025	.8035
74	.7955	.7965	.7975	.7985	.7995	.8005	.8015	.8025	.8035	.8045
76	.7965	.7975	.7985	.7995	.8005	.8015	.8020	.8030	.8040	.8050
78	.7970	.7980	.7990	.8000	.8010	.8020	.8030	.8040	.8050	.8060
80	.798	.799	.800	.801	.802	.803	.804	.805	.806	.807
82	.798	.799	.800	.801	.802	.803	.804	.805	.806	.807
84	.799	.800	.801	.802	.803	.804	.805	.806	.807	.808
86	.800	.801	.802	.803	.804	.805	.806	.807	.808	.809
88	.801	.802	.803	.804	.805	.806	.807	.808	.809	.810
90	.802	.803	.804	.805	.806	.807	.808	.809	.810	.811
92	.802	.803	.804	.805	.806	.807	.808	.809	.810	.811
94	.803	.804	.805	.806	.807	.808	.809	.810	.811	.812
96	.804	.805	.806	.807	.808	.809	.810	.811	.812	.813
98	.805	.806	.807	.808	.809	.810	.811	.812	.813	.814
100	.805	.806	.807	.808	.809	.810	.811	.812	.813	.814
102	.806	.807	.808	.809	.810	.811	.812	.813	.814	.815
104	.807	.808	.809	.810	.811	.812	.813	.814	.815	.816
106	.808	.809	.810	.811	.812	.813	.813	.814	.815	.816
108	.808	.809	.810	.811	.812	.813	.814	.815	.816	.817
110	.809	.810	.811	.812	.813	.814	.815	.816	.817	.818
112	.810	.811	.812	.813	.814	.815	.816	.817	.818	.819
114	.811	.812	.813	.814	.815	.816	.816	.817	.818	.819
116	.811	.812	.813	.814	.815	.816	.817	.818	.819	.820
118	.812	.813	.814	.815	.816	.817	.818	.819	.820	.821
120	.813	.814	.815	.816	.817	.818	.819	.820	.821	.822

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.800	0.801	0.802	0.803	0.804	0.805	0.806	0.807	0.808	0.809
	Corresponding specific gravities at 60°/60° F									
30	0.788	0.789	0.790	0.791	0.792	0.793	0.794	0.795	0.796	0.797
32	.788	.789	.790	.791	.792	.793	.795	.796	.797	.798
34	.789	.790	.791	.792	.793	.794	.795	.796	.797	.798
36	.790	.791	.792	.793	.794	.795	.796	.797	.798	.799
38	.791	.792	.793	.794	.795	.796	.797	.798	.799	.800
40	.7920	.7930	.7940	.7950	.7960	.7970	.7980	.7990	.8000	.8010
42	.7930	.7940	.7950	.7960	.7970	.7980	.7990	.8000	.8010	.8020
44	.7935	.7945	.7955	.7965	.7975	.7985	.7995	.8005	.8015	.8025
46	.7945	.7955	.7965	.7975	.7985	.7995	.8005	.8015	.8025	.8035
48	.7950	.7960	.7970	.7980	.7990	.8000	.8010	.8020	.8030	.8040
50	.7960	.7970	.7980	.7990	.8000	.8010	.8020	.8030	.8040	.8050
52	.7970	.7980	.7990	.8000	.8010	.8020	.8030	.8040	.8050	.8060
54	.7975	.7985	.7995	.8005	.8015	.8025	.8035	.8045	.8055	.8065
56	.7985	.7995	.8005	.8015	.8025	.8035	.8045	.8055	.8065	.8075
58	.7995	.8005	.8015	.8025	.8035	.8045	.8055	.8065	.8075	.8085
60	.8000	.8010	.8020	.8030	.8040	.8050	.8060	.8070	.8080	.8090
62	.8005	.8015	.8025	.8035	.8045	.8055	.8065	.8075	.8085	.8095
64	.8015	.8025	.8035	.8045	.8055	.8065	.8075	.8085	.8095	.8105
66	.8025	.8035	.8045	.8055	.8065	.8075	.8085	.8095	.8105	.8115
68	.8030	.8040	.8050	.8060	.8070	.8080	.8090	.8100	.8110	.8120
70	.8040	.8050	.8060	.8070	.8080	.8090	.8100	.8110	.8120	.8130
72	.8045	.8055	.8065	.8075	.8085	.8095	.8105	.8115	.8125	.8135
74	.8055	.8065	.8075	.8085	.8095	.8105	.8115	.8125	.8135	.8145
76	.8065	.8075	.8085	.8095	.8105	.8115	.8120	.8130	.8140	.8150
78	.8070	.8080	.8090	.8100	.8110	.8120	.8130	.8140	.8150	.8160
80	.808	.809	.810	.811	.812	.813	.813	.814	.815	.816
82	.808	.809	.810	.811	.812	.813	.814	.815	.816	.817
84	.809	.810	.811	.812	.813	.814	.815	.816	.817	.818
86	.810	.811	.812	.813	.814	.815	.816	.817	.818	.819
88	.811	.812	.813	.814	.815	.816	.816	.817	.818	.819
90	.812	.813	.814	.815	.816	.817	.817	.818	.819	.820
92	.812	.813	.814	.815	.816	.817	.818	.819	.820	.821
94	.813	.814	.815	.816	.817	.818	.819	.820	.821	.822
96	.814	.815	.816	.817	.818	.819	.819	.820	.821	.822
98	.815	.816	.817	.818	.819	.820	.820	.821	.822	.823
100	.815	.816	.817	.818	.819	.820	.821	.822	.823	.824
102	.816	.817	.818	.819	.820	.821	.822	.823	.824	.825
104	.817	.818	.819	.820	.821	.822	.822	.823	.824	.825
106	.817	.818	.819	.820	.821	.822	.823	.824	.825	.826
108	.818	.819	.820	.821	.822	.823	.824	.825	.826	.827
110	.819	.820	.821	.822	.823	.824	.825	.826	.827	.828
112	.820	.821	.822	.823	.824	.825	.825	.826	.827	.828
114	.820	.821	.822	.823	.824	.825	.826	.827	.828	.829
116	.821	.822	.823	.824	.825	.826	.827	.828	.829	.830
118	.822	.823	.824	.825	.826	.827	.828	.829	.830	.831
120	.823	.824	.825	.826	.827	.828	.828	.829	.830	.831

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.810	0.811	0.812	0.813	0.814	0.815	0.816	0.817	0.818	0.819
	Corresponding specific gravities at 60°/60° F									
30	0.798	0.799	0.800	0.801	0.802	0.803	0.804	0.805	0.806	0.807
32	.799	.800	.801	.802	.803	.804	.805	.806	.807	.808
34	.799	.800	.801	.802	.803	.804	.806	.807	.808	.809
36	.800	.801	.802	.803	.804	.805	.807	.808	.809	.810
38	.801	.802	.803	.804	.805	.806	.808	.809	.810	.811
40	.8020	.8030	.8040	.8050	.8060	.8070	.8085	.8095	.8105	.8115
42	.8030	.8040	.8050	.8060	.8070	.8080	.8090	.8100	.8110	.8120
44	.8035	.8045	.8055	.8065	.8075	.8085	.8100	.8110	.8120	.8130
46	.8045	.8055	.8065	.8075	.8085	.8095	.8105	.8115	.8125	.8135
48	.8050	.8060	.8070	.8080	.8090	.8100	.8115	.8125	.8135	.8145
50	.8060	.8070	.8080	.8090	.8100	.8110	.8120	.8130	.8140	.8150
52	.8070	.8080	.8090	.8100	.8110	.8120	.8130	.8140	.8150	.8160
54	.8075	.8085	.8095	.8105	.8115	.8125	.8135	.8145	.8155	.8165
56	.8085	.8095	.8105	.8115	.8125	.8135	.8145	.8155	.8165	.8175
58	.8095	.8105	.8115	.8125	.8135	.8145	.8155	.8165	.8175	.8185
60	.8100	.8110	.8120	.8130	.8140	.8150	.8160	.8170	.8180	.8190
62	.8105	.8115	.8125	.8135	.8145	.8155	.8165	.8175	.8185	.8195
64	.8115	.8125	.8135	.8145	.8155	.8165	.8175	.8185	.8195	.8205
66	.8125	.8135	.8145	.8155	.8165	.8175	.8180	.8190	.8200	.8210
68	.8130	.8140	.8150	.8160	.8170	.8180	.8190	.8200	.8210	.8220
70	.8140	.8150	.8160	.8170	.8180	.8190	.8200	.8210	.8220	.8230
72	.8145	.8155	.8165	.8175	.8185	.8195	.8205	.8215	.8225	.8235
74	.8155	.8165	.8175	.8185	.8195	.8205	.8215	.8225	.8235	.8245
76	.8160	.8170	.8180	.8190	.8200	.8210	.8220	.8230	.8240	.8250
78	.8170	.8180	.8190	.8200	.8210	.8220	.8230	.8240	.8250	.8260
80	.817	.818	.819	.820	.821	.822	.823	.824	.825	.826
82	.818	.819	.820	.821	.822	.823	.824	.825	.826	.827
84	.819	.820	.821	.822	.823	.824	.825	.826	.827	.828
86	.820	.821	.822	.823	.824	.825	.826	.827	.828	.829
88	.820	.821	.822	.823	.824	.825	.826	.827	.828	.829
90	.821	.822	.823	.824	.825	.826	.827	.828	.829	.830
92	.822	.823	.824	.825	.826	.827	.828	.829	.830	.831
94	.823	.824	.825	.826	.827	.828	.828	.829	.830	.831
96	.823	.824	.825	.826	.827	.828	.829	.830	.831	.832
98	.824	.825	.826	.827	.828	.829	.830	.831	.832	.833
100	.825	.826	.827	.828	.829	.830	.831	.832	.833	.834
102	.826	.827	.828	.829	.830	.831	.831	.832	.833	.834
104	.826	.827	.828	.829	.830	.831	.832	.833	.834	.835
106	.827	.828	.829	.830	.831	.832	.833	.834	.835	.836
108	.828	.829	.830	.831	.832	.833	.834	.835	.836	.837
110	.829	.830	.831	.832	.833	.834	.834	.835	.836	.837
112	.829	.830	.831	.832	.833	.834	.835	.836	.837	.838
114	.830	.831	.832	.833	.834	.835	.836	.837	.838	.839
116	.831	.832	.833	.834	.835	.836	.836	.837	.838	.839
118	.832	.833	.834	.835	.836	.837	.837	.838	.839	.840
120	.832	.833	.834	.835	.836	.837	.838	.839	.840	.841

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.820	0.821	0.822	0.823	0.824	0.825	0.826	0.827	0.828	0.829
	Corresponding specific gravities at 60°/60° F									
30	0.808	0.809	0.810	0.811	0.812	0.813	0.814	0.815	0.816	0.817
32	.809	.810	.811	.812	.813	.814	.815	.816	.817	.818
34	.810	.811	.812	.813	.814	.815	.816	.817	.818	.819
36	.811	.812	.813	.814	.815	.816	.817	.818	.819	.820
38	.812	.813	.814	.815	.816	.817	.818	.819	.820	.821
40	.8125	.8135	.8145	.8155	.8165	.8175	.8185	.8195	.8205	.8215
42	.8130	.8140	.8150	.8160	.8170	.8180	.8190	.8200	.8210	.8220
44	.8140	.8150	.8160	.8170	.8180	.8190	.8200	.8210	.8220	.8230
46	.8145	.8155	.8165	.8175	.8185	.8195	.8205	.8215	.8225	.8235
48	.8155	.8165	.8175	.8185	.8195	.8205	.8215	.8225	.8235	.8245
50	.8160	.8170	.8180	.8190	.8200	.8210	.8220	.8230	.8240	.8250
52	.8170	.8180	.8190	.8200	.8210	.8220	.8230	.8240	.8250	.8260
54	.8175	.8185	.8195	.8205	.8215	.8225	.8240	.8250	.8260	.8270
56	.8185	.8195	.8205	.8215	.8225	.8235	.8245	.8255	.8265	.8275
58	.8195	.8205	.8215	.8225	.8235	.8245	.8255	.8265	.8275	.8285
60	.8200	.8210	.8220	.8230	.8240	.8250	.8260	.8270	.8280	.8290
62	.8205	.8215	.8225	.8235	.8245	.8255	.8265	.8275	.8285	.8295
64	.8215	.8225	.8235	.8245	.8255	.8265	.8275	.8285	.8295	.8305
66	.8220	.8230	.8240	.8250	.8260	.8270	.8280	.8290	.8300	.8310
68	.8230	.8240	.8250	.8260	.8270	.8280	.8290	.8300	.8310	.8320
70	.8240	.8250	.8260	.8270	.8280	.8290	.8300	.8310	.8320	.8330
72	.8245	.8255	.8265	.8275	.8285	.8295	.8305	.8315	.8325	.8335
74	.8255	.8265	.8275	.8285	.8295	.8305	.8315	.8325	.8335	.8345
76	.8260	.8270	.8280	.8290	.8300	.8310	.8320	.8330	.8340	.8350
78	.8270	.8280	.8290	.8300	.8310	.8320	.8330	.8340	.8350	.8360
80	.827	.828	.829	.830	.831	.832	.833	.834	.835	.836
82	.828	.829	.830	.831	.832	.833	.834	.835	.836	.837
84	.829	.830	.831	.832	.833	.834	.835	.836	.837	.838
86	.830	.831	.832	.833	.834	.835	.835	.836	.837	.838
88	.830	.831	.832	.833	.834	.835	.836	.837	.838	.839
90	.831	.832	.833	.834	.835	.836	.837	.838	.839	.840
92	.832	.833	.834	.835	.836	.837	.838	.839	.840	.841
94	.832	.833	.834	.835	.836	.837	.838	.839	.840	.841
96	.833	.834	.835	.836	.837	.838	.839	.840	.841	.842
98	.834	.835	.836	.837	.838	.839	.840	.841	.842	.843
100	.835	.836	.837	.838	.839	.840	.840	.841	.842	.843
102	.835	.836	.837	.838	.839	.840	.841	.842	.843	.844
104	.836	.837	.838	.839	.840	.841	.842	.843	.844	.845
106	.837	.838	.839	.840	.841	.842	.843	.844	.845	.846
108	.838	.839	.840	.841	.842	.843	.843	.844	.845	.846
110	.838	.839	.840	.841	.842	.843	.844	.845	.846	.847
112	.839	.840	.841	.842	.843	.844	.845	.846	.847	.848
114	.840	.841	.842	.843	.844	.845	.846	.847	.848	.849
116	.840	.841	.842	.843	.844	.845	.846	.847	.848	.849
118	.841	.842	.843	.844	.845	.846	.847	.848	.849	.850
120	.842	.843	.844	.845	.846	.847	.848	.849	.850	.851

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.830	0.831	0.832	0.833	0.834	0.835	0.836	0.837	0.838	0.839
	Corresponding specific gravities at 60°/60° F									
30	0.818	0.819	0.820	0.821	0.822	0.823	0.824	0.825	0.826	0.827
32	.819	.820	.821	.822	.823	.824	.825	.826	.827	.828
34	.820	.821	.822	.823	.824	.825	.826	.827	.828	.829
36	.821	.822	.823	.824	.825	.826	.827	.828	.829	.830
38	.822	.823	.824	.825	.826	.827	.828	.829	.830	.831
40	.8225	.8235	.8245	.8255	.8265	.8275	.8285	.8295	.8305	.8315
42	.8230	.8240	.8250	.8260	.8270	.8280	.8295	.8305	.8315	.8325
44	.8240	.8250	.8260	.8270	.8280	.8290	.8300	.8310	.8320	.8330
46	.8245	.8255	.8265	.8275	.8285	.8295	.8305	.8315	.8325	.8335
48	.8255	.8265	.8275	.8285	.8295	.8305	.8315	.8325	.8335	.8345
50	.8260	.8270	.8280	.8290	.8300	.8310	.8325	.8335	.8345	.8355
52	.8270	.8280	.8290	.8300	.8310	.8320	.8330	.8340	.8350	.8360
54	.8280	.8290	.8300	.8310	.8320	.8330	.8340	.8350	.8360	.8370
56	.8285	.8295	.8305	.8315	.8325	.8335	.8345	.8355	.8365	.8375
58	.8295	.8305	.8315	.8325	.8335	.8345	.8355	.8365	.8375	.8385
60	.8300	.8310	.8320	.8330	.8340	.8350	.8360	.8370	.8380	.8390
62	.8305	.8315	.8325	.8335	.8345	.8355	.8365	.8375	.8385	.8395
64	.8315	.8325	.8335	.8345	.8355	.8365	.8375	.8385	.8395	.8405
66	.8320	.8330	.8340	.8350	.8360	.8370	.8380	.8390	.8400	.8410
68	.8330	.8340	.8350	.8360	.8370	.8380	.8390	.8400	.8410	.8420
70	.8340	.8350	.8360	.8370	.8380	.8390	.8400	.8410	.8420	.8430
72	.8345	.8355	.8365	.8375	.8385	.8395	.8405	.8415	.8425	.8435
74	.8355	.8365	.8375	.8385	.8395	.8405	.8415	.8425	.8435	.8445
76	.8360	.8370	.8380	.8390	.8400	.8410	.8420	.8430	.8440	.8450
78	.8370	.8380	.8390	.8400	.8410	.8420	.8430	.8440	.8450	.8460
80	.837	.838	.839	.840	.841	.842	.843	.844	.845	.846
82	.838	.839	.840	.841	.842	.843	.844	.845	.846	.847
84	.839	.840	.841	.842	.843	.844	.845	.846	.847	.848
86	.839	.840	.841	.842	.843	.844	.845	.846	.847	.848
88	.840	.841	.842	.843	.844	.845	.846	.847	.848	.849
90	.841	.842	.843	.844	.845	.846	.847	.848	.849	.850
92	.842	.843	.844	.845	.846	.847	.848	.849	.850	.851
94	.842	.843	.844	.845	.846	.847	.848	.849	.850	.851
96	.843	.844	.845	.846	.847	.848	.849	.850	.851	.852
98	.844	.845	.846	.847	.848	.849	.850	.851	.852	.853
100	.844	.845	.846	.847	.848	.849	.850	.851	.852	.853
102	.845	.846	.847	.848	.849	.850	.851	.852	.853	.854
104	.846	.847	.848	.849	.850	.851	.852	.853	.854	.855
106	.847	.848	.849	.850	.851	.852	.853	.854	.855	.856
108	.847	.848	.849	.850	.851	.852	.853	.854	.855	.856
110	.848	.849	.850	.851	.852	.853	.854	.855	.856	.857
112	.849	.850	.851	.852	.853	.854	.855	.856	.857	.858
114	.850	.851	.852	.853	.854	.855	.855	.856	.857	.858
116	.850	.851	.852	.853	.854	.855	.856	.857	.858	.859
118	.851	.852	.853	.854	.855	.856	.857	.858	.859	.860
120	.852	.853	.854	.855	.856	.857	.858	.859	.860	.861

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.840	0.841	0.842	0.843	0.844	0.845	0.846	0.847	0.848	0.849
	Corresponding specific gravities at 60°/60° F									
30	0.828	0.829	0.830	0.831	0.832	0.833	0.835	0.836	0.837	0.838
32	.829	.830	.831	.832	.833	.834	.835	.836	.837	.838
34	.830	.831	.832	.833	.834	.835	.836	.837	.838	.839
36	.831	.832	.833	.834	.835	.836	.837	.838	.839	.840
38	.832	.833	.834	.835	.836	.837	.838	.839	.840	.841
40	.8325	.8335	.8345	.8355	.8365	.8375	.8385	.8395	.8405	.8415
42	.8335	.8345	.8355	.8365	.8375	.8385	.8395	.8405	.8415	.8425
44	.8340	.8350	.8360	.8370	.8380	.8390	.8400	.8410	.8420	.8430
46	.8345	.8355	.8365	.8375	.8385	.8395	.8410	.8420	.8430	.8440
48	.8355	.8365	.8375	.8385	.8395	.8405	.8415	.8425	.8435	.8445
50	.8365	.8375	.8385	.8395	.8405	.8415	.8425	.8435	.8445	.8455
52	.8370	.8380	.8390	.8400	.8410	.8420	.8430	.8440	.8450	.8460
54	.8380	.8390	.8400	.8410	.8420	.8430	.8440	.8450	.8460	.8470
56	.8385	.8395	.8405	.8415	.8425	.8435	.8445	.8455	.8465	.8475
58	.8395	.8405	.8415	.8425	.8435	.8445	.8455	.8465	.8475	.8485
60	.8400	.8410	.8420	.8430	.8440	.8450	.8460	.8470	.8480	.8490
62	.8405	.8415	.8425	.8435	.8445	.8455	.8465	.8475	.8485	.8495
64	.8415	.8425	.8435	.8445	.8455	.8465	.8475	.8485	.8495	.8505
66	.8420	.8430	.8440	.8450	.8460	.8470	.8480	.8490	.8500	.8510
68	.8430	.8440	.8450	.8460	.8470	.8480	.8490	.8500	.8510	.8520
70	.8440	.8450	.8460	.8470	.8480	.8490	.8500	.8510	.8520	.8530
72	.8445	.8455	.8465	.8475	.8485	.8495	.8505	.8515	.8525	.8535
74	.8455	.8465	.8475	.8485	.8495	.8505	.8510	.8520	.8530	.8540
76	.8460	.8470	.8480	.8490	.8500	.8510	.8520	.8530	.8540	.8550
78	.8470	.8480	.8490	.8500	.8510	.8520	.8525	.8535	.8545	.8555
80	.847	.848	.849	.850	.851	.852	.853	.854	.855	.856
82	.848	.849	.850	.851	.852	.853	.854	.855	.856	.857
84	.849	.850	.851	.852	.853	.854	.855	.856	.857	.858
86	.849	.850	.851	.852	.853	.854	.855	.856	.857	.858
88	.850	.851	.852	.853	.854	.855	.856	.857	.858	.859
90	.851	.852	.853	.854	.855	.856	.857	.858	.859	.860
92	.852	.853	.854	.855	.856	.857	.857	.858	.859	.860
94	.852	.853	.854	.855	.856	.857	.858	.859	.860	.861
96	.853	.854	.855	.856	.857	.858	.859	.860	.861	.862
98	.854	.855	.856	.857	.858	.859	.860	.861	.862	.863
100	.854	.855	.856	.857	.858	.859	.860	.861	.862	.863
102	.855	.856	.857	.858	.859	.860	.861	.862	.863	.864
104	.856	.857	.858	.859	.860	.861	.862	.863	.864	.865
106	.857	.858	.859	.860	.861	.862	.862	.863	.864	.865
108	.857	.858	.859	.860	.861	.862	.863	.864	.865	.866
110	.858	.859	.860	.861	.862	.863	.864	.865	.866	.867
112	.859	.860	.861	.862	.863	.864	.865	.866	.867	.868
114	.859	.860	.861	.862	.863	.864	.865	.866	.867	.868
116	.860	.861	.862	.863	.864	.865	.866	.867	.868	.869
118	.861	.862	.863	.864	.865	.866	.867	.868	.869	.870
120	.862	.863	.864	.865	.866	.867	.868	.869	.870	.871

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.850	0.851	0.852	0.853	0.854	0.855	0.856	0.857	0.858	0.859
	Corresponding specific gravities at 60°/60° F									
30	0.839	0.840	0.841	0.842	0.843	0.844	0.845	0.846	0.847	0.848
32	.839	.840	.841	.842	.843	.844	.845	.846	.847	.848
34	.840	.841	.842	.843	.844	.845	.846	.847	.848	.849
36	.841	.842	.843	.844	.845	.846	.847	.848	.849	.850
38	.842	.843	.844	.845	.846	.847	.848	.849	.850	.851
40	.8425	.8435	.8445	.8455	.8465	.8475	.8485	.8495	.8505	.8515
42	.8435	.8445	.8455	.8465	.8475	.8485	.8495	.8505	.8515	.8525
44	.8440	.8450	.8460	.8470	.8480	.8490	.8500	.8510	.8520	.8530
46	.8450	.8460	.8470	.8480	.8490	.8500	.8510	.8520	.8530	.8540
48	.8455	.8465	.8475	.8485	.8495	.8505	.8515	.8525	.8535	.8545
50	.8465	.8475	.8485	.8495	.8505	.8515	.8525	.8535	.8545	.8555
52	.8470	.8480	.8490	.8500	.8510	.8520	.8530	.8540	.8550	.8560
54	.8480	.8490	.8500	.8510	.8520	.8530	.8540	.8550	.8560	.8570
56	.8485	.8495	.8505	.8515	.8525	.8535	.8545	.8555	.8565	.8575
58	.8495	.8505	.8515	.8525	.8535	.8545	.8555	.8565	.8575	.8585
60	.8500	.8510	.8520	.8530	.8540	.8550	.8560	.8570	.8580	.8590
62	.8505	.8515	.8525	.8535	.8545	.8555	.8565	.8575	.8585	.8595
64	.8515	.8525	.8535	.8545	.8555	.8565	.8575	.8585	.8595	.8605
66	.8520	.8530	.8540	.8550	.8560	.8570	.8580	.8590	.8600	.8610
68	.8530	.8540	.8550	.8560	.8570	.8580	.8590	.8600	.8610	.8620
70	.8540	.8550	.8560	.8570	.8580	.8590	.8595	.8605	.8615	.8625
72	.8545	.8555	.8565	.8575	.8585	.8595	.8605	.8615	.8625	.8635
74	.8550	.8560	.8570	.8580	.8590	.8600	.8610	.8620	.8630	.8640
76	.8560	.8570	.8580	.8590	.8600	.8610	.8620	.8630	.8640	.8650
78	.8565	.8575	.8585	.8595	.8605	.8615	.8625	.8635	.8645	.8655
80	.857	.858	.859	.860	.861	.862	.863	.864	.865	.866
82	.858	.859	.860	.861	.862	.863	.864	.865	.866	.867
84	.859	.860	.861	.862	.863	.864	.864	.865	.866	.867
86	.859	.860	.861	.862	.863	.864	.865	.866	.867	.868
88	.860	.861	.862	.863	.864	.865	.866	.867	.868	.869
90	.861	.862	.863	.864	.865	.866	.867	.868	.869	.870
92	.861	.862	.863	.864	.865	.866	.867	.868	.869	.870
94	.862	.863	.864	.865	.866	.867	.868	.869	.870	.871
96	.863	.864	.865	.866	.867	.868	.869	.870	.871	.872
98	.864	.865	.866	.867	.868	.869	.869	.870	.871	.872
100	.864	.865	.866	.867	.868	.869	.870	.871	.872	.873
102	.865	.866	.867	.868	.869	.870	.871	.872	.873	.874
104	.866	.867	.868	.869	.870	.871	.872	.873	.874	.875
106	.866	.867	.868	.869	.870	.871	.872	.873	.874	.875
108	.867	.868	.869	.870	.871	.872	.873	.874	.875	.876
110	.868	.869	.870	.871	.872	.873	.874	.875	.876	.877
112	.869	.870	.871	.872	.873	.874	.874	.875	.876	.877
114	.869	.870	.871	.872	.873	.874	.875	.876	.877	.878
116	.870	.871	.872	.873	.874	.875	.876	.877	.878	.879
118	.871	.872	.873	.874	.875	.876	.877	.878	.879	.880
120	.872	.873	.874	.875	.876	.877	.877	.878	.879	.880

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.860	0.861	0.862	0.863	0.864	0.865	0.866	0.867	0.868	0.869
	Corresponding specific gravities at 60°/60° F									
30	0.849	0.850	0.851	0.852	0.853	0.854	0.855	0.856	0.857	0.858
32	.849	.850	.851	.852	.853	.854	.856	857	858	.859
34	.850	.851	.852	.853	.854	.855	.856	.857	.858	.859
36	.851	.852	.853	.854	.855	.856	.857	.858	.859	.860
38	.852	.853	.854	.855	.856	.857	.858	.859	.860	.861
40	.8525	.8535	.8545	.8555	.8565	.8575	.8585	.8595	.8605	.8615
42	.8535	.8545	.8555	.8565	.8575	.8585	.8595	.8605	.8615	.8625
44	.8540	.8550	.8560	.8570	.8580	.8590	.8600	.8610	.8620	.8630
46	.8550	.8560	.8570	.8580	.8590	.8600	.8610	.8620	.8630	.8640
48	.8555	.8565	.8575	.8585	.8595	.8605	.8615	.8625	.8635	.8645
50	.8565	.8575	.8585	.8595	.8605	.8615	.8625	.8635	.8645	.8655
52	.8570	.8580	.8590	.8600	.8610	.8620	.8630	.8640	.8650	.8660
54	.8580	.8590	.8600	.8610	.8620	.8630	.8640	.8650	.8660	.8670
56	.8585	.8595	.8605	.8615	.8625	.8635	.8645	.8655	.8665	.8675
58	.8595	.8605	.8615	.8625	.8635	.8645	.8655	.8665	.8675	.8685
60	.8600	.8610	.8620	.8630	.8640	.8650	.8660	.8670	.8680	.8690
62	.8605	.8615	.8625	.8635	.8645	.8655	.8665	.8675	.8685	.8695
64	.8615	.8625	.8635	.8645	.8655	.8665	.8675	.8685	.8695	.8705
66	.8620	.8630	.8640	.8650	.8660	.8670	.8680	.8690	.8700	.8710
68	.8630	.8640	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720
70	.8635	.8645	.8655	.8665	.8675	.8685	.8695	.8705	.8715	.8725
72	.8645	.8655	.8665	.8675	.8685	.8695	.8705	.8715	.8725	.8735
74	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730	.8740
76	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730	.8740	.8750
78	.8665	.8675	.8685	.8695	.8705	.8715	.8725	.8735	.8745	.8755
80	.867	.868	.869	.870	.871	.872	.873	.874	.875	.876
82	.868	.869	.870	.871	.872	.873	.874	.875	.876	.877
84	.868	.869	.870	.871	.872	.873	.874	.875	.876	.877
86	.869	.870	.871	.872	.873	.874	.875	.876	.877	.878
88	.870	.871	.872	.873	.874	.875	.876	.877	.878	.879
90	.871	.872	.873	.874	.875	.876	.877	.878	.879	.880
92	.871	.872	.873	.874	.875	.876	.877	.878	.879	.880
94	.872	.873	.874	.875	.876	.877	.878	.879	.880	.881
96	.873	.874	.875	.876	.877	.878	.879	.880	.881	.882
98	.873	.874	.875	.876	.877	.878	.879	.880	.881	.882
100	.874	.875	.876	.877	.878	.879	.880	.881	.882	.883
102	.875	.876	.877	.878	.879	.880	.881	.882	.883	.884
104	.876	.877	.878	.879	.880	.881	.882	.883	.884	.885
106	.876	.877	.878	.879	.880	.881	.882	.883	.884	.885
108	.877	.878	.879	.880	.881	.882	.883	.884	.885	.886
110	.878	.879	.880	.881	.882	.883	.884	.885	.886	.887
112	.878	.879	.880	.881	.882	.883	.884	.885	.886	.887
114	.879	.880	.881	.882	.883	.884	.885	.886	.887	.888
116	.880	.881	.882	.883	.884	.885	.886	.887	.888	.889
118	.881	.882	.883	.884	.885	.886	.886	.887	.888	.889
120	.881	.882	.883	.884	.885	.886	.887	.888	.889	.890

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.877	0.878	0.879
	Corresponding specific gravities at 60°/60° F									
30	0.859	0.860	0.861	0.862	0.863	0.864	0.865	0.866	0.867	0.868
32	.860	.861	.862	.863	.864	.865	.866	.867	.868	.869
34	.860	.861	.862	.863	.864	.865	.866	.867	.868	.869
36	.861	.862	.863	.864	.865	.866	.867	.868	.869	.870
38	.862	.863	.864	.865	.866	.867	.868	.869	.870	.871
40	.8625	.8635	.8645	.8655	.8665	.8675	.8690	.8700	.8710	.8720
42	.8635	.8645	.8655	.8665	.8675	.8685	.8695	.8705	.8715	.8725
44	.8640	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730
46	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730	.8740
48	.8655	.8665	.8675	.8685	.8695	.8705	.8715	.8725	.8735	.8745
50	.8665	.8675	.8685	.8695	.8705	.8715	.8725	.8735	.8745	.8755
52	.8670	.8680	.8690	.8700	.8710	.8720	.8730	.8740	.8750	.8760
54	.8680	.8690	.8700	.8710	.8720	.8730	.8740	.8750	.8760	.8770
56	.8685	.8695	.8705	.8715	.8725	.8735	.8745	.8755	.8765	.8775
58	.8695	.8705	.8715	.8725	.8735	.8745	.8755	.8765	.8775	.8785
60	.8700	.8710	.8720	.8730	.8740	.8750	.8760	.8770	.8780	.8790
62	.8705	.8715	.8725	.8735	.8745	.8755	.8765	.8775	.8785	.8795
64	.8715	.8725	.8735	.8745	.8755	.8765	.8775	.8785	.8795	.8805
66	.8720	.8730	.8740	.8750	.8760	.8770	.8780	.8790	.8800	.8810
68	.8730	.8740	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820
70	.8735	.8745	.8755	.8765	.8775	.8785	.8795	.8805	.8815	.8825
72	.8745	.8755	.8765	.8775	.8785	.8795	.8805	.8815	.8825	.8835
74	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820	.8830	.8840
76	.8760	.8770	.8780	.8790	.8800	.8810	.8820	.8830	.8840	.8850
78	.8765	.8775	.8785	.8795	.8805	.8815	.8825	.8835	.8845	.8855
80	.877	.878	.879	.880	.881	.882	.883	.884	.885	.886
82	.878	.879	.880	.881	.882	.883	.884	.885	.886	.887
84	.878	.879	.880	.881	.882	.883	.884	.885	.886	.887
86	.879	.880	.881	.882	.883	.884	.885	.886	.887	.888
88	.880	.881	.882	.883	.884	.885	.886	.887	.888	.889
90	.881	.882	.883	.884	.885	.886	.887	.888	.889	.890
92	.881	.882	.883	.884	.885	.886	.887	.888	.889	.890
94	.882	.883	.884	.885	.886	.887	.888	.889	.890	.891
96	.883	.884	.885	.886	.887	.888	.889	.890	.891	.892
98	.883	.884	.885	.886	.887	.888	.889	.890	.891	.892
100	.884	.885	.886	.887	.888	.889	.890	.891	.892	.893
102	.885	.886	.887	.888	.889	.890	.891	.892	.893	.894
104	.886	.887	.888	.889	.890	.891	.891	.892	.893	.894
106	.886	.887	.888	.889	.890	.891	.892	.893	.894	.895
108	.887	.888	.889	.890	.891	.892	.893	.894	.895	.896
110	.888	.889	.890	.891	.892	.893	.894	.895	.896	.897
112	.888	.889	.890	.891	.892	.893	.894	.895	.896	.897
114	.889	.890	.891	.892	.893	.894	.895	.896	.897	.898
116	.890	.891	.892	.893	.894	.895	.896	.897	.898	.899
118	.890	.891	.892	.893	.894	.895	.896	.897	.898	.899
120	.891	.892	.893	.894	.895	.896	.897	.898	.899	.900

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.880	0.881	0.882	0.883	0.884	0.885	0.886	0.887	0.888	0.889
	Corresponding specific gravities at 60°/60° F									
30	0.869	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.877	0.878
32	.870	.871	.872	.873	.874	.875	.876	.877	.878	.879
34	.870	.871	.872	.873	.874	.875	.876	.877	.878	.879
36	.871	.872	.873	.874	.875	.876	.877	.878	.879	.880
38	.872	.873	.874	.875	.876	.877	.878	.879	.880	.881
40	.8730	.8740	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820
42	.8735	.8745	.8755	.8765	.8775	.8785	.8795	.8805	.8815	.8825
44	.8740	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820	.8830
46	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820	.8830	.8840
48	.8755	.8765	.8775	.8785	.8795	.8805	.8815	.8825	.8835	.8845
50	.8765	.8775	.8785	.8795	.8805	.8815	.8825	.8835	.8845	.8855
52	.8770	.8780	.8790	.8800	.8810	.8820	.8830	.8840	.8850	.8860
54	.8780	.8790	.8800	.8810	.8820	.8830	.8840	.8850	.8860	.8870
56	.8785	.8795	.8805	.8815	.8825	.8835	.8845	.8855	.8865	.8875
58	.8795	.8805	.8815	.8825	.8835	.8845	.8855	.8865	.8875	.8885
60	.8800	.8810	.8820	.8830	.8840	.8850	.8860	.8870	.8880	.8890
62	.8805	.8815	.8825	.8835	.8845	.8855	.8865	.8875	.8885	.8895
64	.8815	.8825	.8835	.8845	.8855	.8865	.8875	.8885	.8895	.8905
66	.8820	.8830	.8840	.8850	.8860	.8870	.8880	.8890	.8900	.8910
68	.8830	.8840	.8850	.8860	.8870	.8880	.8890	.8900	.8910	.8920
70	.8835	.8845	.8855	.8865	.8875	.8885	.8895	.8905	.8915	.8925
72	.8845	.8855	.8865	.8875	.8885	.8895	.8900	.8910	.8920	.8930
74	.8850	.8860	.8870	.8880	.8890	.8900	.8910	.8920	.8930	.8940
76	.8860	.8870	.8880	.8890	.8900	.8910	.8915	.8925	.8935	.8945
78	.8865	.8875	.8885	.8895	.8905	.8915	.8925	.8935	.8945	.8955
80	.887	.888	.889	.890	.891	.892	.893	.894	.895	.896
82	.888	.889	.890	.891	.892	.893	.894	.895	.896	.897
84	.888	.889	.890	.891	.892	.893	.894	.895	.896	.897
86	.889	.890	.891	.892	.893	.894	.895	.896	.897	.898
88	.890	.891	.892	.893	.894	.895	.896	.897	.898	.899
90	.891	.892	.893	.894	.895	.896	.896	.897	.898	.899
92	.891	.892	.893	.894	.895	.896	.897	.898	.899	.900
94	.892	.893	.894	.895	.896	.897	.898	.899	.900	.901
96	.893	.894	.895	.896	.897	.898	.899	.900	.901	.902
98	.893	.894	.895	.896	.897	.898	.899	.900	.901	.902
100	.894	.895	.896	.897	.898	.899	.900	.901	.902	.903
102	.895	.896	.897	.898	.899	.900	.901	.902	.903	.904
104	.895	.896	.897	.898	.899	.900	.901	.902	.903	.904
106	.896	.897	.898	.899	.900	.901	.902	.903	.904	.905
108	.897	.898	.899	.900	.901	.902	.903	.904	.905	.906
110	.898	.899	.900	.901	.902	.903	.903	.904	.905	.906
112	.898	.899	.900	.901	.902	.903	.904	.905	.906	.907
114	.899	.900	.901	.902	.903	.904	.905	.906	.907	.908
116	.900	.901	.902	.903	.904	.905	.905	.906	.907	.908
118	.900	.901	.902	.903	.904	.905	.906	.907	.908	.909
120	.901	.902	.903	.904	.905	.906	.907	.908	.909	.910

TABLE 1—Continued

Observed temperature in ° F	Observed specific gravities									
	0.890	0.891	0.892	0.893	0.894	0.895	0.896	0.897	0.898	0.899
	Corresponding specific gravities at 60°/60° F									
30	0.879	0.880	0.881	0.882	0.883	0.884	0.885	0.886	0.887	0.888
32	.880	.881	.882	.883	.884	.885	.886	.887	.888	.889
34	.880	.881	.882	.883	.884	.885	.886	.887	.888	.889
36	.881	.882	.883	.884	.885	.886	.887	.888	.889	.890
38	.882	.883	.884	.885	.886	.887	.888	.889	.890	.891
40	.8830	.8840	.8850	.8860	.8870	.8880	.8890	.8900	.8910	.8920
42	.8835	.8845	.8855	.8865	.8875	.8885	.8895	.8905	.8915	.8925
44	.8840	.8850	.8860	.8870	.8880	.8890	.8900	.8910	.8920	.8930
46	.8850	.8860	.8870	.8880	.8890	.8900	.8910	.8920	.8930	.8940
48	.8855	.8865	.8875	.8885	.8895	.8905	.8915	.8925	.8935	.8945
50	.8865	.8875	.8885	.8895	.8905	.8915	.8925	.8935	.8945	.8955
52	.8870	.8880	.8890	.8900	.8910	.8920	.8930	.8940	.8950	.8960
54	.8880	.8890	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970
56	.8885	.8895	.8905	.8915	.8925	.8935	.8945	.8955	.8965	.8975
58	.8895	.8905	.8915	.8925	.8935	.8945	.8955	.8965	.8975	.8985
60	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980	.8990
62	.8905	.8915	.8925	.8935	.8945	.8955	.8965	.8975	.8985	.8995
64	.8915	.8925	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005
66	.8920	.8930	.8940	.8950	.8960	.8970	.8980	.8990	.9000	.9010
68	.8930	.8940	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020
70	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005	.9015	.9025
72	.8940	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030
74	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040
76	.8955	.8965	.8975	.8985	.8995	.9005	.9015	.9025	.9035	.9045
78	.8965	.8975	.8985	.8995	.9005	.9015	.9025	.9035	.9045	.9055
80	.897	.898	.899	.900	.901	.902	.903	.904	.905	.906
82	.898	.899	.900	.901	.902	.903	.903	.904	.905	.906
84	.898	.899	.900	.901	.902	.903	.904	.905	.906	.907
86	.899	.900	.901	.902	.903	.904	.905	.906	.907	.908
88	.900	.901	.902	.903	.904	.905	.906	.907	.908	.909
90	.900	.901	.902	.903	.904	.905	.906	.907	.908	.909
92	.901	.902	.903	.904	.905	.906	.907	.908	.909	.910
94	.902	.903	.904	.905	.906	.907	.908	.909	.910	.911
96	.903	.904	.905	.906	.907	.908	.909	.910	.911	.912
98	.903	.904	.905	.906	.907	.908	.909	.910	.911	.912
100	.904	.905	.906	.907	.908	.909	.910	.911	.912	.913
102	.905	.906	.907	.908	.909	.910	.911	.912	.913	.914
104	.905	.906	.907	.908	.909	.910	.911	.912	.913	.914
106	.906	.907	.908	.909	.910	.911	.912	.913	.914	.915
108	.907	.908	.909	.910	.911	.912	.913	.914	.915	.916
110	.907	.908	.909	.910	.911	.912	.913	.914	.915	.916
112	.908	.909	.910	.911	.912	.913	.914	.915	.916	.917
114	.909	.910	.911	.912	.913	.914	.915	.916	.917	.918
116	.909	.910	.911	.912	.913	.914	.915	.916	.917	.918
118	.910	.911	.912	.913	.914	.915	.916	.917	.918	.919
120	.911	.912	.913	.914	.915	.916	.917	.918	.919	.920

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.900	0.901	0.902	0.903	0.904	0.905	0.906	0.907	0.908	0.909
	Corresponding specific gravities at 60°/60° F									
30	0.889	0.890	0.891	0.892	0.893	0.894	0.895	0.896	0.897	0.898
32	.890	.891	.892	.893	.894	.895	.896	.897	.898	.899
34	.890	.891	.892	.893	.894	.895	.896	.897	.898	.899
36	.891	.892	.893	.894	.895	.896	.897	.898	.899	.900
38	.892	.893	.894	.895	.896	.897	.898	.899	.900	.901
40	.8930	.8940	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020
42	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005	.9015	.9025
44	.8940	.8950	.8960	.8970	.8980	.8990	.9005	.9015	.9025	.9035
46	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040
48	.8955	.8965	.8975	.8985	.8995	.9005	.9015	.9025	.9035	.9045
50	.8965	.8975	.8985	.8995	.9005	.9015	.9025	.9035	.9045	.9055
52	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040	.9050	.9060
54	.8980	.8990	.9000	.9010	.9020	.9030	.9040	.9050	.9060	.9070
56	.8985	.8995	.9005	.9015	.9025	.9035	.9045	.9055	.9065	.9075
58	.8995	.9005	.9015	.9025	.9035	.9045	.9055	.9065	.9075	.9085
60	.9000	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090
62	.9005	.9015	.9025	.9035	.9045	.9055	.9065	.9075	.9085	.9095
64	.9015	.9025	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105
66	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090	.9100	.9110
68	.9030	.9040	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120
70	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125
72	.9040	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130
74	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140
76	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125	.9135	.9145
78	.9065	.9075	.9085	.9095	9105	.9115	.9125	.9135	.9145	.9155
80	.907	.908	.909	.910	.911	.912	.913	.914	.915	.916
82	.907	.908	.909	.910	.911	.912	.913	.914	.915	.916
84	.908	.909	.910	.911	.912	.913	.914	.915	.916	.917
86	.909	.910	.911	.912	.913	.914	.915	.916	.917	.918
88	.910	.911	.912	.913	.914	.915	.916	.917	.918	.919
90	.910	.911	.912	.913	.914	.915	.916	.917	.918	.919
92	.911	.912	.913	.914	.915	.916	.917	.918	.919	.920
94	.912	.913	.914	.915	.916	.917	.918	.919	.920	.921
96	.913	.914	.915	.916	.917	.918	.918	.919	.920	.921
98	.913	.914	.915	.916	.917	.918	.919	.920	.921	.922
100	.914	.915	.916	.917	.918	.919	.920	.921	.922	.923
102	.915	.916	.917	.918	.919	.920	.921	.922	.923	.924
104	.915	.916	.917	.918	.919	.920	.921	.922	.923	.924
106	.916	.917	.918	.919	.920	.921	.922	.923	.924	.925
108	.917	.918	.919	.920	.921	.922	.923	.924	.925	.926
110	.917	.918	.919	.920	.921	.922	.923	.924	.925	.926
112	.918	.919	.920	.921	.922	.923	.924	.925	.926	.927
114	.919	.920	.921	.922	.923	.924	.925	.926	.927	.928
116	.919	.920	.921	.922	.923	.924	.925	.926	.927	.928
118	.920	.921	.922	.923	.924	.925	.926	.927	.928	.929
120	.921	.922	.923	.924	.925	.926	.927	.928	.929	.930

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.910	0.911	0.912	0.913	0.914	0.915	0.916	0.917	0.918	0.919
	Corresponding specific gravities at 60°/60° F									
30	0.899	0.900	0.901	0.902	0.903	0.904	0.905	0.906	0.907	0.908
32	.900	.901	.902	.903	.904	.905	.906	.907	.908	.909
34	.900	.901	.902	.903	.904	.905	.906	.907	.908	.909
36	.901	.902	.903	.904	.905	.906	.907	.908	.909	.910
38	.902	.903	.904	.905	.906	.907	.908	.909	.910	.911
40	.9030	.9040	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120
42	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125
44	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125	.9135
46	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140
48	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125	.9135	.9145
50	.9065	.9075	.9085	.9095	.9105	.9115	.9125	.9135	.9145	.9155
52	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140	.9150	.9160
54	.9080	.9090	.9100	.9110	.9120	.9130	.9140	.9150	.9160	.9170
56	.9085	.9095	.9105	.9115	.9125	.9135	.9145	.9155	.9165	.9175
58	.9095	.9105	.9115	.9125	.9135	.9145	.9155	.9165	.9175	.9185
60	.9100	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190
62	.9105	.9115	.9125	.9135	.9145	.9155	.9165	.9175	.9185	.9195
64	.9115	.9125	.9135	.9145	.9155	.9165	.9175	.9185	.9195	.9205
66	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200	.9210
68	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220
70	.9135	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225
72	.9140	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230
74	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240
76	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245
78	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245	.9255
80	.917	.918	.919	.920	.921	.922	.923	.924	.925	.926
82	.917	.918	.919	.920	.921	.922	.923	.924	.925	.926
84	.918	.919	.920	.921	.922	.923	.924	.925	.926	.927
86	.919	.920	.921	.922	.923	.924	.925	.926	.927	.928
88	.920	.921	.922	.923	.924	.925	.926	.927	.928	.929
90	.920	.921	.922	.923	.924	.925	.926	.927	.928	.929
92	.921	.922	.923	.924	.925	.926	.927	.928	.929	.930
94	.922	.923	.924	.925	.926	.927	.928	.929	.930	.931
96	.922	.923	.924	.925	.926	.927	.928	.929	.930	.931
98	.923	.924	.925	.926	.927	.928	.929	.930	.931	.932
100	.924	.925	.926	.927	.928	.929	.930	.931	.932	.933
102	.925	.926	.927	.928	.929	.930	.931	.932	.933	.934
104	.925	.926	.927	.928	.929	.930	.931	.932	.933	.934
106	.926	.927	.928	.929	.930	.931	.932	.933	.934	.935
108	.927	.928	.929	.930	.931	.932	.933	.934	.935	.936
110	.927	.928	.929	.930	.931	.932	.933	.934	.935	.936
112	.928	.929	.930	.931	.932	.933	.934	.935	.936	.937
114	.929	.930	.931	.932	.933	.934	.935	.936	.937	.938
116	.929	.930	.931	.932	.933	.934	.935	.936	.937	.938
118	.930	.931	.932	.933	.934	.935	.936	.937	.938	.939
120	.931	.932	.933	.934	.935	.936	.937	.938	.939	.940

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.920	0.921	0.922	0.923	0.924	0.925	0.926	0.927	0.928	0.929
	Corresponding specific gravities at 60°/60° F									
30	0.909	0.910	0.911	0.912	0.913	0.914	0.915	0.916	0.917	0.918
32	.910	.911	.912	.913	.914	.915	.916	.917	.918	.919
34	.910	.911	.912	.913	.914	.915	.916	.917	.918	.919
36	.911	.912	.913	.914	.915	.916	.917	.918	.919	.920
38	.912	.913	.914	.915	.916	.917	.918	.919	.920	.921
40	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220
42	.9135	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225
44	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235
46	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240
48	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245
50	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245	.9255
52	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240	.9250	.9260
54	.9180	.9190	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270
56	.9185	.9195	.9205	.9215	.9225	.9235	.9245	.9255	.9265	.9275
58	.9195	.9205	.9215	.9225	.9235	.9245	.9255	.9265	.9275	.9285
60	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290
62	.9205	.9215	.9225	.9235	.9245	.9255	.9265	.9275	.9285	.9295
64	.9215	.9225	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305
66	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310
68	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320
70	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325
72	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330
74	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340
76	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325	.9335	.9345
78	.9265	.9275	.9285	.9295	.9305	.9315	.9325	.9335	.9345	.9355
80	.927	.928	.929	.930	.931	.932	.933	.934	.935	.936
82	.927	.928	.929	.930	.931	.932	.933	.934	.935	.936
84	.928	.929	.930	.931	.932	.933	.934	.935	.936	.937
86	.929	.930	.931	.932	.933	.934	.935	.936	.937	.938
88	.930	.931	.932	.933	.934	.935	.936	.937	.938	.939
90	.930	.931	.932	.933	.934	.935	.936	.937	.938	.939
92	.931	.932	.933	.934	.935	.936	.937	.938	.939	.940
94	.932	.933	.934	.935	.936	.937	.938	.939	.940	.941
96	.932	.933	.934	.935	.936	.937	.938	.939	.940	.941
98	.933	.934	.935	.936	.937	.938	.939	.940	.941	.942
100	.934	.935	.936	.937	.938	.939	.940	.941	942	.943
102	.935	.936	.937	.938	.939	.940	.940	.941	.942	.943
104	.935	.936	.937	.938	.939	.940	.941	.942	.943	.944
106	.936	.937	.938	.939	.940	.941	.942	.943	.944	.945
108	.937	.938	.939	.940	.941	.942	.943	.944	.945	.946
110	.937	.938	.939	.940	.941	.942	.943	.944	.945	.946
112	.938	.939	.940	.941	.942	.943	.944	.945	.946	.947
114	.939	.940	.941	.942	.943	.944	.945	.946	.947	.948
116	.939	.940	.941	.942	.943	.944	.945	.946	.947	.948
118	.940	.941	.942	.943	.944	.945	.946	.947	.948	.949
120	.941	.942	.943	.944	.945	.946	.947	.948	.949	.950

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.930	0.931	0.932	0.933	0.934	0.935	0.936	0.937	0.938	0.939
	Corresponding specific gravities at 60°/60° F									
30	0.919	0.920	0.921	0.922	0.923	0.924	0.925	0.926	0.927	0.928
32	.920	.921	.922	.923	.924	.925	.926	.927	.928	.929
34	.920	.921	.922	.923	.924	.925	.926	.927	.928	.929
36	.921	.922	.923	.924	.925	.926	.927	.928	.929	.930
38	.922	.923	.924	.925	.926	.927	.928	.929	.930	.931
40	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320
42	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325
44	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325	.9335
46	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340
48	.9255	.9265	.9275	.9285	.9295	.9305	.9320	.9330	.9340	.9350
50	.9265	.9275	.9285	.9295	.9305	.9315	.9325	.9335	.9345	.9355
52	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340	.9350	.9360
54	.9280	.9290	.9300	.9310	.9320	.9330	.9340	.9350	.9360	.9370
56	.9285	.9295	.9305	.9315	.9325	.9335	.9345	.9355	.9365	.9375
58	.9295	.9305	.9315	.9325	.9335	.9345	.9355	.9365	.9375	.9385
60	.9300	.9310	.9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390
62	.9305	.9315	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395
64	.9315	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405
66	.9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410
68	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420
70	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425
72	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430
74	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440
76	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425	.9435	.9445
78	.9365	.9375	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455
80	.937	.938	.939	.940	.941	.942	.943	.944	.945	.946
82	.937	.938	.939	.940	.941	.942	.943	.944	.945	.946
84	.938	.939	.940	.941	.942	.943	.944	.945	.946	.947
86	.939	.940	.941	.942	.943	.944	.945	.946	.947	.948
88	.940	.941	.942	.943	.944	.945	.946	.947	.948	.949
90	.940	.941	.942	.943	.944	.945	.946	.947	.948	.949
92	.941	.942	.943	.944	.945	.946	.947	.948	.949	.950
94	.942	.943	.944	.945	.946	.947	.948	.949	.950	
96	.942	.943	.944	.945	.946	.947	.948	.949		
98	.943	.944	.945	.946	.947	.948	.949	.950		
100	.944	.945	.946	.947	.948	.949	.950			
102	.944	.945	.946	.947	.948	.950				
104	.945	.946	.947	.948	.949					
106	.946	.947	.948	.949	.950					
108	.947	.948	.949	.950						
110	.947	.948	.949							
112	.948	.949	.950							
114	.949	.950								
116	.949									
118	.950									

TABLE 1—Continued

Observed temperature in °F	Observed specific gravities									
	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949
	Corresponding specific gravities at 60°/60° F									
30	0.929	0.930	0.931	0.932	0.933	0.934	0.935	0.936	0.937	0.938
32	.930	.931	.932	.933	.934	.935	.936	.937	.938	.939
34	.930	.931	.932	.933	.934	.935	.936	.937	.938	.939
36	.931	.932	.933	.934	.935	.936	.937	.938	.939	.940
38	.932	.933	.934	.935	.936	.937	.938	.939	.940	.941
40	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420
42	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425
44	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425	.9435
46	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440
48	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450
50	.9365	.9375	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455
52	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450	.9460
54	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470
56	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455	.9465	.9475
58	.9395	.9405	.9415	.9425	.9435	.9445	.9455	.9465	.9475	.9485
60	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490
62	.9405	.9415	.9425	.9435	.9445	.9455	.9465	.9475	.9485	.9495
64	.9415	.9425	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9500
66	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490	.9500	
68	.9430	.9440	.9450	.9460	.9470	.9480	.9490	.9500		
70	.9435	.9445	.9455	.9465	.9475	.9485	.9495			
72	.9440	.9450	.9460	.9470	.9480	.9490	.9500			
74	.9450	.9460	.9470	.9480	.9490	.9500				
76	.9455	.9465	.9475	.9485	.9495					
78	.9465	.9475	.9485	.9495	.9500					
80	.947	.948	.949	.950						
82	.947	.948	.949							
84	.948	.949	.950							
86	.949	.950								
88	.950									

Observed temperature in °F	Observed specific gravities									
	0.950	0.951	0.952	0.953	0.954	0.955	0.956	0.957	0.958	0.959
	Corresponding specific gravities at 60°/60° F									
30	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948
32	.940	.941	.942	.943	.944	.945	.946	.947	.948	.949
34	.940	.941	.942	.943	.944	.945	.946	.947	.948	.949
36	.941	.942	.943	.944	.945	.946	.947	.948	.949	.950
38	.942	.943	.944	.945	.946	.947	.948	.949	.950	
40	.9430	.9440	.9450	.9460	.9470	.9480	.9490	.9500		
42	.9435	.9445	.9455	.9465	.9475	.9485	.9495			
44	.9445	.9455	.9465	.9475	.9485	.9495	.9500			
46	.9450	.9460	.9470	.9480	.9490	.9500				
48	.9460	.9470	.9480	.9490	.9500					
50	.9465	.9475	.9485	.9495						
52	.9470	.9480	.9490	.9500						
54	.9480	.9490	.9500							
56	.9485	.9495								
58	.9495	.9500								
60	.9500									

TABLE 2

[This table shows the degrees Baumé at 60° F of oils having, at the designated temperatures, the observed degrees Baumé indicated. For example, if the observed degrees Baumé is 20.0 at 78° F, the true degrees Baumé at 60° F will be 19.0. Intermediate values not given in the table may be conveniently interpolated. For example, if the observed degrees Baumé is 20.4 at 78° F, the true degrees Baumé at 60° F will be 19.4. The headings "Observed degrees Baumé" and "Observed temperature" signify the true indication of the hydrometer and the true temperature of the oil—that is, the observed readings corrected, if necessary, for instrumental errors.]

Observed temperature in ° F	Observed degrees Baumé									
	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
	Corresponding degrees Baumé at 60° F									
30	18.6	19.7	20.7	21.7	22.7	23.7	24.8	25.8	26.9	27.9
32	18.6	19.6	20.6	21.6	22.6	23.6	24.7	25.7	26.8	27.8
34	18.5	19.5	20.5	21.5	22.5	23.5	24.6	25.6	26.7	27.7
36	18.3	19.4	20.4	21.4	22.4	23.4	24.5	25.5	26.5	27.5
38	18.2	19.3	20.3	21.3	22.3	23.3	24.4	25.4	26.4	27.4
40	18.1	19.1	20.1	21.2	22.2	23.2	24.2	25.2	26.2	27.2
42	18.0	19.0	20.0	21.1	22.1	23.1	24.1	25.1	26.1	27.1
44	17.9	18.9	19.9	20.9	21.9	22.9	23.9	24.9	26.0	27.0
46	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.9	26.9
48	17.6	18.7	19.7	20.7	21.7	22.7	23.7	24.7	25.8	26.8
50	17.5	18.6	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6
52	17.4	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5
54	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3	25.4	26.4
56	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.3	26.3
58	17.1	18.1	19.1	20.1	21.1	22.1	23.1	24.1	25.1	26.1
60	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
62	.....	17.9	18.9	19.9	20.9	21.9	22.9	23.9	24.9	25.9
64	.....	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.7	25.7
66	.....	17.7	18.7	19.7	20.7	21.7	22.7	23.7	24.6	25.6
68	.....	17.6	18.6	19.5	20.5	21.5	22.5	23.5	24.5	25.5
70	.....	17.5	18.5	19.4	20.4	21.4	22.4	23.4	24.4	25.4
72	.....	17.4	18.4	19.3	20.3	21.3	22.3	23.3	24.3	25.3
74	.....	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.1	25.1
76	.....	17.2	18.1	19.1	20.1	21.1	22.1	23.1	24.0	25.0
78	.....	17.1	18.0	19.0	19.9	20.9	21.9	22.9	23.9	24.9
80	.....	.....	17.9	18.9	19.8	20.8	21.8	22.8	23.8	24.8
82	.....	.....	17.8	18.8	19.7	20.7	21.7	22.7	23.7	24.7
84	.....	.....	17.7	18.7	19.6	20.6	21.6	22.6	23.5	24.5
86	.....	.....	17.6	18.6	19.5	20.5	21.5	22.5	23.4	24.4
88	.....	.....	17.5	18.4	19.4	20.4	21.3	22.3	23.3	24.3
90	.....	.....	17.3	18.3	19.3	20.3	21.2	22.2	23.2	24.2
92	.....	.....	17.2	18.2	19.2	20.2	21.1	22.1	23.1	24.1
94	.....	.....	17.1	18.1	19.1	20.1	21.0	22.0	23.0	24.0
96	.....	.....	17.0	18.0	19.0	20.0	20.9	21.9	22.8	23.8
98	.....	.....	.....	17.9	18.8	19.8	20.8	21.8	22.7	23.7
100	.....	.....	.....	17.8	18.7	19.7	20.7	21.7	22.6	23.6
102	.....	.....	.....	17.7	18.6	19.6	20.5	21.5	22.5	23.5
104	.....	.....	.....	17.6	18.5	19.5	20.4	21.4	22.4	23.4
106	.....	.....	.....	17.5	18.4	19.4	20.3	21.3	22.3	23.3
108	.....	.....	.....	17.3	18.2	19.2	20.2	21.2	22.2	23.1
110	.....	.....	.....	17.2	18.1	19.1	20.1	21.1	22.0	23.0
112	.....	.....	.....	17.1	18.0	19.0	20.0	21.0	21.9	22.9
114	.....	.....	.....	17.0	17.9	18.9	19.9	20.9	21.8	22.8
116	.....	.....	.....	.....	17.8	18.8	19.8	20.8	21.7	22.7
118	.....	.....	.....	.....	17.7	18.7	19.6	20.6	21.5	22.5
120	.....	.....	.....	.....	17.6	18.6	19.5	20.5	21.4	22.4

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0
	Corresponding degrees Baumé at 60° F									
30	29.0	30.0	31.0	32.0	33.1	34.1	35.2	36.2	37.3	38.3
32	28.8	29.8	30.9	31.9	33.0	34.0	35.0	36.0	37.1	38.1
34	28.7	29.7	30.8	31.8	32.8	33.8	34.8	35.8	36.9	38.0
36	28.5	29.5	30.6	31.6	32.7	33.7	34.7	35.7	36.8	37.8
38	28.4	29.4	30.5	31.5	32.5	33.5	34.5	35.5	36.6	37.7
40	28.3	29.3	30.4	31.4	32.4	33.4	34.4	35.4	36.5	37.5
42	28.2	29.2	30.2	31.2	32.2	33.2	34.3	35.3	36.3	37.3
44	28.1	29.1	30.1	31.1	32.1	33.1	34.2	35.2	36.2	37.2
46	27.9	28.9	29.9	30.9	31.9	32.9	34.0	35.0	36.1	37.1
48	27.8	28.8	29.8	30.8	31.8	32.8	33.9	34.9	35.9	36.9
50	27.6	28.6	29.7	30.7	31.7	32.7	33.7	34.7	35.7	36.7
52	27.5	28.5	29.6	30.6	31.6	32.6	33.6	34.6	35.6	36.6
54	27.4	28.4	29.4	30.4	31.4	32.4	33.4	34.4	35.4	36.4
56	27.3	28.3	29.3	30.3	31.3	32.3	33.3	34.3	35.3	36.3
58	27.1	28.1	29.1	30.1	31.1	32.1	33.1	34.1	35.1	36.1
60	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0
62	26.9	27.9	28.9	29.9	30.9	31.9	32.9	33.9	34.9	35.9
64	26.7	27.7	28.7	29.7	30.7	31.7	32.7	33.7	34.7	35.7
66	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6	34.6	35.6
68	26.5	27.5	28.4	29.4	30.4	31.4	32.4	33.4	34.4	35.4
70	26.4	27.4	28.3	29.3	30.3	31.3	32.2	33.2	34.2	35.2
72	26.3	27.3	28.2	29.2	30.2	31.2	32.1	33.1	34.1	35.1
74	26.1	27.1	28.1	29.1	30.1	31.1	32.0	33.0	33.9	34.9
76	26.0	27.0	27.9	28.9	29.9	30.9	31.8	32.8	33.8	34.8
78	25.8	26.8	27.8	28.8	29.8	30.8	31.7	32.7	33.6	34.6
80	25.7	26.7	27.7	28.7	29.7	30.7	31.6	32.6	33.5	34.5
82	25.6	26.6	27.6	28.6	29.5	30.5	31.5	32.5	33.4	34.4
84	25.5	26.5	27.5	28.5	29.4	30.4	31.3	32.3	33.2	34.2
86	25.4	26.4	27.3	28.3	29.2	30.2	31.2	32.2	33.1	34.1
88	25.2	26.2	27.2	28.2	29.1	30.1	31.0	32.0	33.0	34.0
90	25.1	26.1	27.0	28.0	29.0	30.0	30.9	31.9	32.9	33.9
92	25.0	26.0	26.9	27.9	28.9	29.9	30.8	31.8	32.7	33.7
94	24.9	25.9	26.8	27.8	28.8	29.8	30.7	31.7	32.6	33.6
96	24.7	25.7	26.7	27.7	28.6	29.6	30.5	31.5	32.5	33.5
98	24.6	25.6	26.6	27.6	28.5	29.5	30.4	31.4	32.3	33.3
100	24.5	25.5	26.4	27.4	28.3	29.3	30.3	31.3	32.2	33.2
102	24.4	25.4	26.3	27.3	28.2	29.2	30.2	31.2	32.1	33.0
104	24.3	25.3	26.2	27.1	28.1	29.1	30.0	31.0	31.9	32.9
106	24.2	25.2	26.1	27.0	28.0	29.0	29.9	30.9	31.8	32.7
108	24.0	25.0	25.9	26.9	27.8	28.8	29.7	30.7	31.6	32.6
110	23.9	24.9	25.8	26.8	27.7	28.7	29.6	30.6	31.5	32.5
112	23.8	24.8	25.7	26.7	27.6	28.6	29.5	30.4	31.3	32.3
114	23.7	24.7	25.6	26.6	27.5	28.4	29.3	30.3	31.2	32.2
116	23.6	24.6	25.5	26.4	27.3	28.3	29.2	30.2	31.1	32.1
118	23.4	24.4	25.3	26.3	27.2	28.2	29.1	30.1	31.0	32.0
120	23.3	24.3	25.2	26.2	27.1	28.1	29.0	30.0	30.9	31.9

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0
	Corresponding degrees Baumé at 60° F									
30	39.3	40.3	41.4	42.4	43.5	44.5	45.6	46.6	47.7	48.7
32	39.2	40.2	41.3	42.3	43.4	44.3	45.4	46.4	47.5	48.5
34	39.0	40.0	41.1	42.1	43.2	44.2	45.3	46.3	47.3	48.3
36	38.9	39.9	41.0	42.0	43.1	44.0	45.1	46.1	47.2	48.2
38	38.7	39.7	40.8	41.8	42.9	43.9	45.0	46.0	47.0	48.0
40	38.5	39.5	40.6	41.6	42.7	43.7	44.8	45.8	46.8	47.8
42	38.4	39.4	40.5	41.5	42.5	43.5	44.6	45.6	46.6	47.6
44	38.2	39.2	40.3	41.3	42.4	43.4	44.4	45.4	46.4	47.4
46	38.1	39.1	40.1	41.1	42.2	43.2	44.2	45.2	46.2	47.2
48	37.9	38.9	39.9	40.9	42.0	43.0	44.1	45.1	46.1	47.1
50	37.8	38.8	39.8	40.8	41.8	42.8	43.9	44.9	45.9	46.9
52	37.6	38.6	39.6	40.7	41.7	42.7	43.7	44.7	45.7	46.7
54	37.4	38.4	39.5	40.5	41.5	42.5	43.5	44.5	45.5	46.5
56	37.3	38.3	39.3	40.3	41.3	42.3	43.3	44.3	45.3	46.3
58	37.1	38.1	39.1	40.1	41.1	42.1	43.1	44.1	45.2	46.2
60	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0
62	36.9	37.9	38.9	39.9	40.9	41.9	42.9	43.9	44.9	45.9
64	36.7	37.7	38.7	39.7	40.7	41.7	42.7	43.7	44.7	45.7
66	36.6	37.6	38.6	39.5	40.5	41.5	42.5	43.5	44.5	45.5
68	36.4	37.4	38.4	39.4	40.4	41.4	42.4	43.3	44.3	45.3
70	36.2	37.2	38.2	39.2	40.2	41.2	42.2	43.1	44.1	45.1
72	36.1	37.1	38.1	39.1	40.0	41.0	42.0	43.0	44.0	45.0
74	35.9	36.9	37.9	38.9	39.8	40.8	41.8	42.8	43.8	44.8
76	35.8	36.8	37.8	38.7	39.7	40.7	41.7	42.7	43.6	44.6
78	35.6	36.6	37.6	38.6	39.5	40.5	41.5	42.5	43.4	44.4
80	35.5	36.5	37.5	38.5	39.4	40.4	41.3	42.3	43.2	44.2
82	35.3	36.3	37.3	38.3	39.2	40.2	41.2	42.2	43.1	44.1
84	35.2	36.2	37.2	38.2	39.1	40.1	41.0	42.0	42.9	43.9
86	35.1	36.1	37.0	38.0	38.9	39.9	40.9	41.9	42.8	43.8
88	34.9	35.9	36.9	37.9	38.8	39.8	40.7	41.7	42.6	43.6
90	34.8	35.8	36.7	37.7	38.6	39.6	40.5	41.5	42.5	43.5
92	34.6	35.6	36.6	37.6	38.5	39.5	40.4	41.4	42.3	43.3
94	34.5	35.5	36.4	37.4	38.3	39.3	40.2	41.2	42.2	43.2
96	34.4	35.4	36.3	37.3	38.2	39.2	40.1	41.1	42.0	43.0
98	34.2	35.2	36.1	37.1	38.0	39.0	39.9	40.9	41.8	42.8
100	34.1	35.1	36.0	37.0	37.9	38.9	39.8	40.7	41.6	42.6
102	33.9	34.9	35.8	36.8	37.7	38.7	39.6	40.6	41.5	42.5
104	33.8	34.8	35.7	36.7	37.6	38.6	39.5	40.4	41.3	42.3
106	33.6	34.6	35.5	36.5	37.4	38.4	39.3	40.3	41.2	42.2
108	33.5	34.5	35.4	36.4	37.3	38.3	39.2	40.1	41.0	42.0
110	33.4	34.4	35.3	36.3	37.2	38.1	39.0	40.0	40.9	41.8
112	33.2	34.2	35.1	36.1	37.0	38.0	38.9	39.8	40.7	41.6
114	33.1	34.1	35.0	36.0	36.9	37.8	38.7	39.7	40.6	41.5
116	33.0	34.0	34.9	35.9	36.8	37.7	38.6	39.5	40.4	41.4
118	32.9	33.9	34.8	35.7	36.6	37.5	38.4	39.4	40.3	41.2
120	32.8	33.7	34.6	35.6	36.5	37.4	38.3	39.2	40.1	41.0

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0
	Corresponding degrees Baumé at 60° F									
30	49.8	50.8	51.9	53.0	54.1	55.1	56.2	57.3	58.4	59.4
32	49.6	50.6	51.7	52.8	53.9	54.9	56.0	57.1	58.2	59.2
34	49.4	50.4	51.5	52.6	53.7	54.7	55.8	56.8	57.9	58.9
36	49.3	50.3	51.4	52.4	53.5	54.5	55.6	56.6	57.7	58.7
38	49.1	50.1	51.2	52.2	53.3	54.3	55.4	56.4	57.5	58.5
40	48.9	49.9	51.0	52.0	53.0	54.1	55.2	56.2	57.2	58.2
42	48.7	49.7	50.8	51.8	52.8	53.8	54.9	56.0	57.0	58.0
44	48.5	49.5	50.6	51.6	52.6	53.6	54.7	55.7	56.8	57.8
46	48.3	49.3	50.4	51.4	52.4	53.4	54.5	55.5	56.5	57.5
48	48.1	49.1	50.2	51.2	52.2	53.2	54.2	55.2	56.3	57.3
50	47.9	48.9	50.0	51.0	52.0	53.0	54.0	55.0	56.1	57.1
52	47.7	48.7	49.8	50.8	51.8	52.8	53.8	54.8	55.9	56.9
54	47.6	48.6	49.6	50.6	51.6	52.6	53.6	54.6	55.6	56.6
56	47.4	48.4	49.4	50.4	51.4	52.4	53.4	54.4	55.4	56.4
58	47.2	48.2	49.2	50.2	51.2	52.2	53.2	54.2	55.2	56.2
60	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0
62	46.9	47.9	48.8	49.8	50.8	51.8	52.8	53.8	54.8	55.8
64	46.7	47.7	48.6	49.6	50.6	51.6	52.6	53.6	54.6	55.6
66	46.5	47.5	48.4	49.4	50.4	51.4	52.4	53.4	54.4	55.4
68	46.3	47.3	48.3	49.3	50.3	51.3	52.2	53.2	54.2	55.2
70	46.1	47.1	48.1	49.1	50.1	51.1	52.0	53.0	54.0	55.0
72	46.0	47.0	47.9	48.9	49.9	50.9	51.8	52.8	53.8	54.8
74	45.8	46.8	47.7	48.7	49.7	50.7	51.6	52.6	53.5	54.5
76	45.6	46.6	47.5	48.5	49.5	50.5	51.4	52.4	53.3	54.3
78	45.4	46.4	47.3	48.3	49.3	50.3	51.2	52.2	53.1	54.1
80	45.2	46.2	47.2	48.2	49.1	50.1	51.0	52.0	52.9	53.9
82	45.1	46.1	47.0	48.0	48.9	49.9	50.8	51.8	52.7	53.7
84	44.9	45.9	46.8	47.8	48.7	49.7	50.6	51.6	52.5	53.5
86	44.7	45.7	46.6	47.6	48.5	49.5	50.4	51.4	52.3	53.3
88	44.5	45.5	46.4	47.4	48.3	49.3	50.2	51.2	52.1	53.1
90	44.4	45.4	46.3	47.3	48.2	49.2	50.1	51.0	51.9	52.9
92	44.2	45.2	46.1	47.1	48.0	49.0	49.9	50.9	51.8	52.7
94	44.1	45.1	46.0	46.9	47.8	48.8	49.7	50.7	51.6	52.5
96	43.9	44.9	45.8	46.7	47.6	48.6	49.5	50.5	51.4	52.3
98	43.7	44.7	45.6	46.6	47.5	48.4	49.3	50.3	51.2	52.1
100	43.5	44.5	45.4	46.4	47.3	48.3	49.2	50.1	51.0	51.9
102	43.4	44.3	45.2	46.2	47.1	48.1	49.0	49.9	50.8	51.7
104	43.2	44.1	45.0	46.0	46.9	47.9	48.8	49.7	50.6	51.5
106	43.1	44.0	44.9	45.8	46.7	47.7	48.6	49.5	50.4	51.3
108	42.9	43.9	44.8	45.7	46.6	47.5	48.4	49.4	50.3	51.2
110	42.7	43.7	44.6	45.6	46.5	47.4	48.3	49.2	50.1	51.0
112	42.5	43.5	44.4	45.4	46.3	47.2	48.1	49.0	49.9	50.8
114	42.4	43.4	44.3	45.3	46.2	47.1	48.0	48.8	49.7	50.6
116	42.3	43.3	44.2	45.1	46.0	46.9	47.8	48.6	49.5	50.4
118	42.1	43.1	44.0	44.9	45.8	46.7	47.6	48.4	49.3	50.2
120	41.9	42.9	43.8	44.7	45.6	46.5	47.4	48.2	49.1	50.0

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0
	Corresponding degrees Baumé at 60° F									
30	60.5	61.6	62.7	63.7	64.8	65.8	66.9	67.9	69.0	70.0
32	60.3	61.3	62.4	63.4	64.5	65.5	66.6	67.7	68.8	69.8
34	60.0	61.0	62.1	63.1	64.2	65.2	66.3	67.4	68.5	69.5
36	59.8	60.8	61.9	62.9	64.0	65.0	66.1	67.1	68.2	69.2
38	59.5	60.5	61.6	62.6	63.7	64.7	65.8	66.8	67.9	68.9
40	59.3	60.3	61.4	62.4	63.5	64.5	65.5	66.5	67.6	68.6
42	59.1	60.1	61.2	62.2	63.3	64.3	65.3	66.3	67.4	68.4
44	58.9	59.9	61.0	62.0	63.0	64.0	65.0	66.0	67.1	68.1
46	58.6	59.6	60.7	61.7	62.7	63.7	64.8	65.8	66.8	67.8
48	58.4	59.4	60.4	61.4	62.5	63.5	64.5	65.5	66.5	67.5
50	58.1	59.1	60.2	61.2	62.2	63.2	64.2	65.2	66.2	67.2
52	57.9	58.9	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0
54	57.7	58.7	59.8	60.8	61.8	62.8	63.8	64.8	65.8	66.8
56	57.5	58.5	59.5	60.5	61.5	62.5	63.6	64.6	65.6	66.6
58	57.3	58.3	59.3	60.3	61.3	62.3	63.3	64.3	65.3	66.3
60	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0
62	56.8	57.8	58.8	59.8	60.8	61.8	62.7	63.7	64.7	65.7
64	56.6	57.6	58.6	59.6	60.5	61.5	62.5	63.5	64.5	65.5
66	56.4	57.4	58.3	59.3	60.3	61.3	62.3	63.3	64.2	65.2
68	56.1	57.1	58.1	59.1	60.1	61.1	62.1	63.1	64.0	65.0
70	55.9	56.9	57.9	58.9	59.8	60.8	61.8	62.8	63.8	64.8
72	55.7	56.7	57.7	58.7	59.6	60.6	61.6	62.6	63.5	64.5
74	55.5	56.5	57.4	58.4	59.3	60.3	61.3	62.3	63.2	64.2
76	55.3	56.3	57.2	58.2	59.1	60.1	61.0	62.0	63.0	64.0
78	55.0	56.0	57.0	58.0	58.9	59.9	60.8	61.8	62.8	63.8
80	54.8	55.8	56.8	57.8	58.7	59.7	60.6	61.6	62.6	63.6
82	54.6	55.6	56.5	57.5	58.4	59.4	60.4	61.4	62.3	63.3
84	54.4	55.4	56.3	57.3	58.2	59.2	60.1	61.1	62.0	63.0
86	54.2	55.2	56.1	57.1	58.0	59.0	59.9	60.9	61.8	62.8
88	54.0	55.0	55.9	56.9	57.8	58.8	59.7	60.6	61.5	62.5
90	53.8	54.8	55.7	56.7	57.6	58.6	59.5	60.4	61.3	62.3
92	53.6	54.6	55.5	56.5	57.4	58.4	59.3	60.2	61.1	62.1
94	53.4	54.3	55.2	56.2	57.1	58.1	59.0	59.9	60.8	61.8
96	53.2	54.1	55.0	56.0	56.9	57.9	58.8	59.7	60.6	61.6
98	53.0	53.9	54.8	55.8	56.7	57.6	58.5	59.5	60.4	61.3
100	52.8	53.7	54.6	55.6	56.5	57.4	58.3	59.3	60.2	61.1
102	52.6	53.5	54.4	55.4	56.3	57.2	58.1	59.0	59.9	60.9
104	52.4	53.3	54.2	55.2	56.1	57.0	57.9	58.8	59.7	60.7
106	52.2	53.1	54.0	55.0	55.9	56.8	57.7	58.6	59.5	60.4
108	52.1	53.0	53.9	54.8	55.7	56.6	57.5	58.4	59.3	60.2
110	51.9	52.8	53.7	54.6	55.5	56.4	57.3	58.2	59.1	60.0
112	51.7	52.6	53.5	54.4	55.2	56.2	57.1	58.0	58.9	59.8
114	51.5	52.4	53.3	54.2	55.1	56.0	56.9	57.8	58.7	59.6
116	51.3	52.2	53.1	54.0	54.9	55.8	56.7	57.6	58.4	59.3
118	51.1	52.0	52.9	53.8	54.7	55.6	56.5	57.4	58.2	59.1
120	50.9	51.8	52.7	53.6	54.5	55.4	56.3	57.2	58.0	58.9

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0	76.0
	Corresponding degrees Baumé at 60° F									
30	71.1	72.1	73.2	74.3	75.4	76.4	77.5	78.5	79.6	80.7
32	70.9	71.9	73.0	74.0	75.1	76.1	77.2	78.2	79.3	80.4
34	70.6	71.6	72.7	73.7	74.8	75.8	76.9	77.9	79.0	80.1
36	70.3	71.3	72.4	73.4	74.5	75.5	76.6	77.6	78.7	79.7
38	70.0	71.0	72.1	73.1	74.2	75.2	76.3	77.3	78.4	79.4
40	69.7	70.7	71.8	72.8	73.9	74.9	76.0	77.0	78.1	79.1
42	69.4	70.4	71.5	72.5	73.6	74.6	75.7	76.7	77.8	78.8
44	69.1	70.1	71.2	72.2	73.3	74.3	75.4	76.4	77.5	78.5
46	68.8	69.8	70.9	71.9	73.0	74.0	75.1	76.1	77.1	78.1
48	68.6	69.6	70.6	71.6	72.7	73.7	74.8	75.8	76.8	77.8
50	68.3	69.3	70.4	71.4	72.5	73.5	74.5	75.5	76.5	77.5
52	68.0	69.0	70.1	71.1	72.2	73.2	74.2	75.2	76.2	77.2
54	67.8	68.8	69.9	70.9	71.9	72.9	73.9	74.9	75.9	76.9
56	67.6	68.6	69.6	70.6	71.6	72.6	73.6	74.6	75.6	76.6
58	67.3	68.3	69.3	70.3	71.3	72.3	73.3	74.3	75.3	76.3
60	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0	76.0
62	66.7	67.7	68.7	69.7	70.7	71.7	72.7	73.7	74.7	75.7
64	66.4	67.4	68.4	69.4	70.4	71.4	72.4	73.4	74.4	75.4
66	66.2	67.2	68.2	69.2	70.1	71.1	72.1	73.1	74.1	75.1
68	66.0	67.0	67.9	68.9	69.8	70.8	71.8	72.8	73.8	74.8
70	65.7	66.7	67.6	68.6	69.5	70.5	71.5	72.5	73.5	74.5
72	65.4	66.4	67.4	68.4	69.3	70.3	71.2	72.2	73.2	74.2
74	65.2	66.2	67.2	68.2	69.1	70.1	71.0	72.0	72.9	73.9
76	64.9	65.9	66.9	67.9	68.8	69.8	70.8	71.8	72.7	73.7
78	64.7	65.6	66.6	67.6	68.5	69.5	70.5	71.5	72.4	73.4
80	64.5	65.4	66.4	67.4	68.3	69.3	70.2	71.2	72.1	73.1
82	64.2	65.2	66.1	67.1	68.0	69.0	69.9	70.9	71.8	72.8
84	63.9	64.9	65.8	66.8	67.7	68.7	69.6	70.6	71.5	72.5
86	63.7	64.7	65.6	66.6	67.5	68.4	69.3	70.3	71.3	72.3
88	63.4	64.4	65.3	66.3	67.2	68.2	69.1	70.1	71.0	72.0
90	63.2	64.2	65.1	66.1	67.0	68.0	68.9	69.9	70.8	71.7
92	63.0	64.0	64.9	65.8	66.7	67.7	68.6	69.6	70.5	71.4
94	62.7	63.7	64.6	65.6	66.5	67.4	68.3	69.3	70.2	71.1
96	62.5	63.5	64.4	65.4	66.3	67.2	68.1	69.0	69.9	70.8
98	62.2	63.2	64.1	65.1	66.0	66.9	67.8	68.8	69.7	70.6
100	62.0	63.0	63.9	64.9	65.8	66.7	67.6	68.5	69.4	70.4
102	61.8	62.8	63.7	64.6	65.5	66.4	67.3	68.2	69.1	70.1
104	61.6	62.5	63.4	64.3	65.2	66.1	67.0	67.9	68.8	69.8
106	61.3	62.3	63.2	64.1	65.0	65.9	66.8	67.7	68.6	69.5
108	61.1	62.0	62.9	63.8	64.8	65.7	66.6	67.5	68.4	69.3
110	60.9	61.8	62.7	63.6	64.5	65.4	66.3	67.2	68.1	69.0
112	60.7	61.6	62.5	63.3	64.2	65.2	66.1	67.0	67.8	68.7
114	60.5	61.4	62.3	63.1	64.0	64.9	65.8	66.7	67.6	68.5
116	60.2	61.1	62.0	62.9	63.8	64.7	65.6	66.5	67.4	68.3
118	60.0	60.9	61.8	62.7	63.6	64.5	65.4	66.3	67.1	68.0
120	59.8	60.7	61.6	62.5	63.3	64.2	65.1	66.0	66.8	67.7

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	77.0	78.0	79.0	80.0	81.0	82.0	83.0	84.0	85.0	86.0
	Corresponding degrees Baumé at 60° F									
30	81.8	82.9	84.0	85.0	86.1	87.1	88.2	89.3	90.4	91.5
32	81.5	82.6	83.7	84.7	85.8	86.8	87.9	89.0	90.1	91.1
34	81.2	82.2	83.3	84.3	85.4	86.4	87.5	88.6	89.7	90.7
36	80.8	81.9	83.0	84.0	85.1	86.1	87.2	88.2	89.3	90.3
38	80.5	81.5	82.6	83.6	84.7	85.7	86.8	87.8	88.9	89.9
40	80.1	81.1	82.2	83.2	84.3	85.3	86.4	87.4	88.5	89.5
42	79.8	80.8	81.9	82.9	84.0	85.0	86.1	87.1	88.2	89.2
44	79.5	80.5	81.6	82.6	83.7	84.7	85.8	86.8	87.8	88.8
46	79.2	80.2	81.3	82.3	83.4	84.4	85.4	86.5	87.5	88.5
48	78.9	79.9	81.0	82.0	83.0	84.0	85.1	86.1	87.1	88.1
50	78.6	79.6	80.6	81.6	82.6	83.6	84.7	85.7	86.7	87.7
52	78.2	79.2	80.3	81.3	82.3	83.3	84.3	85.3	86.3	87.3
54	77.9	78.9	79.9	81.0	82.0	83.0	84.0	85.0	86.0	87.0
56	77.6	78.6	79.6	80.6	81.6	82.6	83.7	84.7	85.7	86.7
58	77.3	78.3	79.3	80.3	81.3	82.3	83.3	84.3	85.3	86.3
60	77.0	78.0	79.0	80.0	81.0	82.0	83.0	84.0	85.0	86.0
62	76.7	77.7	78.7	79.7	80.7	81.7	82.7	83.7	84.7	85.7
64	76.4	77.4	78.4	79.4	80.4	81.4	82.3	83.4	84.3	85.3
66	76.1	77.1	78.1	79.1	80.0	81.0	82.0	83.0	84.0	85.0
68	75.8	76.8	77.7	78.7	79.7	80.7	81.7	82.7	83.7	84.7
70	75.5	76.5	77.4	78.4	79.4	80.4	81.4	82.4	83.3	84.3
72	75.2	76.2	77.1	78.1	79.1	80.1	81.1	82.1	83.0	84.0
74	74.9	75.9	76.8	77.8	78.8	79.8	80.7	81.7	82.7	83.7
76	74.6	75.6	76.5	77.5	78.4	79.4	80.4	81.4	82.4	83.4
78	74.3	75.3	76.2	77.2	78.1	79.1	80.1	81.1	82.0	83.0
80	74.0	75.0	75.9	76.9	77.8	78.8	79.8	80.8	81.7	82.7
82	73.7	74.7	75.6	76.6	77.5	78.5	79.4	80.4	81.3	82.3
84	73.4	74.5	75.3	76.3	77.2	78.2	79.1	80.1	81.0	82.0
86	73.2	74.1	75.0	76.0	76.9	77.9	78.8	79.8	80.7	81.7
88	72.9	73.9	74.8	75.8	76.7	77.6	78.5	79.5	80.4	81.4
90	72.6	73.6	74.5	75.5	76.4	77.3	78.2	79.2	80.1	81.1
92	72.3	73.3	74.2	75.2	76.1	77.0	77.9	78.9	79.8	80.8
94	72.0	73.0	73.9	74.9	75.8	76.7	77.6	78.6	79.5	80.5
96	71.7	72.7	73.6	74.6	75.5	76.4	77.3	78.3	79.2	80.2
98	71.5	72.4	73.3	74.3	75.2	76.1	77.0	78.0	78.9	79.8
100	71.2	72.1	73.0	74.0	74.9	75.8	76.7	77.6	78.5	79.5
102	71.0	71.9	72.8	73.7	74.6	75.5	76.4	77.3	78.2	79.2
104	70.7	71.6	72.5	73.4	74.3	75.2	76.1	77.0	77.9	78.8
106	70.4	71.3	72.2	73.1	74.0	74.9	75.8	76.7	77.6	78.5
108	70.1	71.0	71.9	72.8	73.7	74.6	75.5	76.4	77.3	78.2
110	69.8	70.7	71.6	72.5	73.4	74.3	75.2	76.1	77.0	77.9
112	69.6	70.5	71.4	72.3	73.2	74.1	74.9	75.8	76.7	77.6
114	69.4	70.3	71.2	72.1	72.9	73.8	74.6	75.5	76.4	77.3
116	69.1	70.0	70.9	71.8	72.6	73.5	74.3	75.2	76.1	77.0
118	68.8	69.7	70.6	71.5	72.3	73.2	74.0	74.9	75.8	76.7
120	68.5	69.4	70.3	71.2	72.0	72.9	73.7	74.6	75.5	76.4

TABLE 2—Continued

Observed temperature in °F	Observed degrees Baumé									
	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0	96.0
	Corresponding degrees Baumé at 60° F									
30	92.6	93.6	94.7	95.7						
32	92.2	93.2	94.3	95.3						
34	91.8	92.9	93.9	94.9	95.9					
36	91.4	92.5	93.6	94.6	95.6					
38	91.0	92.1	93.2	94.2	95.2					
40	90.6	91.7	92.8	93.8	94.9	95.9				
42	90.3	91.3	92.4	93.4	94.5	95.5				
44	89.9	90.9	92.0	93.0	94.1	95.1	96.1			
46	89.6	90.6	91.7	92.7	93.7	94.7	95.7			
48	89.2	90.2	91.3	92.3	93.3	94.3	95.3			
50	88.8	89.8	90.9	91.9	92.9	93.9	94.9	95.9		
52	88.4	89.4	90.5	91.5	92.5	93.5	94.5	95.5		
54	88.0	89.0	90.1	91.1	92.1	93.1	94.1	95.1		
56	87.7	88.7	89.7	90.7	91.7	92.7	93.7	94.7	95.7	
58	87.3	88.3	89.4	90.4	91.4	92.4	93.4	94.4	95.4	
60	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0	96.0
62	86.7	87.7	88.6	89.6	90.6	91.6	92.6	93.6	94.6	95.6
64	86.3	87.3	88.3	89.3	90.3	91.3	92.2	93.2	94.2	95.2
66	86.0	87.0	88.0	89.0	89.9	90.9	91.8	92.8	93.8	94.8
68	85.6	86.6	87.6	88.6	89.5	90.5	91.4	92.4	93.4	94.4
70	85.3	86.3	87.3	88.3	89.2	90.1	91.0	92.0	93.0	94.0
72	85.0	86.0	86.9	87.9	88.8	89.8	90.7	91.7	92.7	93.7
74	84.6	85.6	86.5	87.5	88.4	89.4	90.3	91.3	92.3	93.3
76	84.3	85.3	86.2	87.2	88.1	89.1	90.0	91.0	92.0	93.0
78	84.0	85.0	85.9	86.9	87.8	88.7	89.6	90.6	91.6	92.6
80	83.6	84.6	85.5	86.5	87.4	88.4	89.3	90.2	91.2	92.2
82	83.2	84.2	85.1	86.1	87.0	88.0	88.9	89.8	90.8	91.8
84	82.9	83.8	84.7	85.7	86.6	87.6	88.5	89.4	90.4	91.4
86	82.6	83.5	84.4	85.4	86.3	87.3	88.2	89.1	90.0	91.0
88	82.3	83.2	84.1	85.1	86.0	87.0	87.9	88.8	89.7	90.7
90	82.0	82.9	83.8	84.8	85.7	86.6	87.5	88.4	89.3	90.3
92	81.7	82.6	83.5	84.4	85.3	86.2	87.1	88.1	89.0	90.0
94	81.3	82.2	83.1	84.1	85.0	85.9	86.8	87.7	88.6	89.6
96	81.0	81.9	82.8	83.7	84.6	85.6	86.5	87.4	88.3	89.3
98	80.7	81.6	82.5	83.4	84.3	85.2	86.1	87.0	88.0	89.0
100	80.4	81.3	82.2	83.1	84.0	84.9	85.8	86.7	87.6	88.6
102	80.1	81.0	81.9	82.8	83.7	84.6	85.5	86.4	87.3	88.3
104	79.7	80.6	81.5	82.5	83.4	84.3	85.2	86.1	87.0	87.9
106	79.4	80.3	81.2	82.1	83.0	83.9	84.8	85.7	86.6	87.6
108	79.1	80.0	80.9	81.8	82.7	83.6	84.5	85.4	86.3	87.2
110	78.8	79.7	80.6	81.5	82.4	83.3	84.2	85.1	86.0	86.9
112	78.5	79.4	80.3	81.2	82.1	83.0	83.8	84.7	85.6	86.6
114	78.2	79.1	80.0	80.9	81.7	82.6	83.5	84.4	85.3	86.2
116	77.9	78.8	79.7	80.6	81.4	82.3	83.2	84.1	85.0	85.9
118	77.5	78.4	79.3	80.2	81.1	82.0	82.8	83.7	84.6	85.6
120	77.2	78.1	79.0	79.9	80.8	81.7	82.5	83.4	84.3	85.2

TABLE 3

[This table shows the volume that would be occupied at 60° F by a quantity of oil, of various specific gravities, occupying unit volume at the designated temperatures. For example, if the observed specific gravity is 0.650 at 98° F, 1 gallon of oil measured at 98° F will occupy a volume of 0.971 gallons at 60° F. The headings "Observed specific gravity " and "Observed temperature " signify the true indication of the hydrometer and the true temperature of the oil; that is, the observed readings corrected, if necessary, for instrumental errors.]

Observed temperature in ° F	Observed specific gravity								
	0.620	0.630	0.640	0.650	0.660	0.670	0.680	0.690	0.700
	Volume at 60° F occupied by unit volume at various temperatures								
30	1.028	1.027	1.026	1.025	1.024	1.023	1.023	1.022	1.021
32	1.026	1.025	1.024	1.023	1.022	1.022	1.021	1.020	1.020
34	1.024	1.023	1.022	1.022	1.021	1.020	1.019	1.019	1.018
36	1.022	1.021	1.021	1.020	1.019	1.019	1.018	1.017	1.017
38	1.020	1.020	1.019	1.018	1.017	1.017	1.016	1.016	1.016
40	1.0190	1.0180	1.0175	1.0170	1.0160	1.0155	1.0150	1.0145	1.0145
42	1.0170	1.0160	1.0155	1.0150	1.0145	1.0140	1.0135	1.0130	1.0130
44	1.0150	1.0145	1.0140	1.0135	1.0130	1.0125	1.0120	1.0115	1.0115
46	1.0130	1.0125	1.0120	1.0115	1.0110	1.0110	1.0105	1.0100	1.0100
48	1.0110	1.0105	1.0100	1.0100	1.0095	1.0095	1.0090	1.0085	1.0085
50	1.0090	1.0090	1.0085	1.0085	1.0080	1.0080	1.0075	1.0070	1.0070
52	1.0075	1.0070	1.0065	1.0065	1.0065	1.0060	1.0060	1.0055	1.0055
54	1.0055	1.0055	1.0050	1.0050	1.0045	1.0045	1.0045	1.0040	1.0040
56	1.0035	1.0035	1.0030	1.0030	1.0030	1.0030	1.0030	1.0030	1.0025
58	1.0020	1.0020	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
62	.9985	.9985	.9985	.9985	.9985	.9985	.9985	.9985	.9985
64	.9965	.9965	.9965	.9970	.9970	.9970	.9970	.9970	.9970
66	.9945	.9950	.9950	.9950	.9955	.9955	.9955	.9960	.9960
68	.9930	.9930	.9935	.9935	.9940	.9940	.9940	.9945	.9945
70	.9910	.9915	.9920	.9920	.9925	.9925	.9930	.9930	.9930
72	.9890	.9895	.9900	.9905	.9910	.9910	.9915	.9915	.9920
74	.9875	.9880	.9885	.9890	.9895	.9895	.9900	.9905	.9905
76	.9860	.9865	.9870	.9875	.9880	.9880	.9885	.9890	.9890
78	.9840	.9850	.9855	.9860	.9865	.9870	.9870	.9875	.9880
80	.982	.983	.984	.984	.985	.985	.985	.986	.986
82	.981	.981	.982	.983	.983	.984	.984	.985	.985
84	.979	.980	.980	.981	.982	.982	.983	.983	.984
86	.978	.978	.979	.980	.980	.981	.981	.982	.982
88	.976	.977	.977	.978	.979	.979	.980	.980	.981
90	.974	.975	.976	.977	.977	.978	.978	.979	.980
92	.973	.974	.974	.975	.976	.976	.977	.978	.978
94	.971	.972	.973	.974	.974	.975	.976	.976	.977
96	.969	.970	.971	.972	.973	.974	.974	.975	.976
98	.968	.969	.970	.971	.972	.972	.973	.974	.974
100	.966	.967	.968	.969	.970	.971	.972	.972	.973
102	.965	.966	.967	.968	.969	.970	.970	.971	.972
104	.963	.964	.965	.966	.967	.968	.969	.970	.971
106	.962	.963	.964	.965	.966	.967	.968	.968	.969
108	.960	.961	.962	.963	.964	.965	.966	.967	.968
110	.959	.960	.961	.962	.963	.964	.965	.966	.967
112	.957	.958	.960	.961	.962	.963	.964	.965	.966
114	.956	.957	.958	.959	.961	.962	.963	.964	.965
116	.954	.956	.957	.958	.959	.960	.961	.962	.964
118	.953	.954	.955	.957	.958	.959	.960	.961	.962
120	.951	.953	.954	.955	.957	.958	.959	.960	.961

TABLE 3—Continued

Observed temperature in °F	Observed specific gravity								
	0.710	0.720	0.730	0.740	0.750	0.760	0.770	0.780	0.790
	Volume at 60° F occupied by unit volume at various temperatures								
30	1.021	1.020	1.020	1.019	1.018	1.018	1.017	1.017	1.016
32	1.019	1.019	1.018	1.018	1.017	1.017	1.016	1.015	1.015
34	1.018	1.017	1.017	1.016	1.016	1.015	1.015	1.014	1.014
36	1.016	1.016	1.015	1.015	1.014	1.014	1.014	1.013	1.013
38	1.015	1.015	1.014	1.014	1.013	1.013	1.012	1.012	1.012
40	1.0140	1.0135	1.0130	1.0130	1.0125	1.0120	1.0115	1.0110	1.0105
42	1.0125	1.0120	1.0115	1.0115	1.0110	1.0105	1.0105	1.0100	1.0095
44	1.0110	1.0110	1.0105	1.0100	1.0100	1.0095	1.0090	1.0085	1.0085
46	1.0095	1.0095	1.0090	1.0090	1.0085	1.0085	1.0080	1.0075	1.0075
48	1.0080	1.0080	1.0075	1.0075	1.0070	1.0070	1.0065	1.0065	1.0060
50	1.0065	1.0065	1.0065	1.0060	1.0060	1.0060	1.0055	1.0055	1.0050
52	1.0055	1.0055	1.0050	1.0050	1.0050	1.0045	1.0045	1.0045	1.0040
54	1.0040	1.0040	1.0035	1.0035	1.0035	1.0035	1.0030	1.0030	1.0030
56	1.0025	1.0025	1.0025	1.0025	1.0025	1.0020	1.0020	1.0020	1.0020
58	1.0015	1.0015	1.0015	1.0015	1.0010	1.0010	.10010	1.0010	1.0010
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
62	.9985	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990
64	.9975	.9975	.9975	.9975	.9975	.9975	.9980	.9980	.9980
66	.9960	.9960	.9965	.9965	.9965	.9965	.9970	.9970	.9970
68	.9945	.9950	.9950	.9950	.9955	.9955	.9955	.9960	.9960
70	.9935	.9935	.9940	.9940	.9940	.9945	.9945	.9950	.9950
72	.9920	.9925	.9925	.9930	.9930	.9935	.9935	.9935	.9940
74	.9910	.9910	.9915	.9915	.9920	.9920	.9925	.9925	.9930
76	.9895	.9895	.9900	.9905	.9910	.9910	.9915	.9915	.9920
78	.9885	.9885	.9890	.9890	.9895	.9900	.9905	.9905	.9910
80	.987	.987	.987	.988	.988	.989	.989	.989	.990
82	.985	.986	.986	.987	.987	.988	.988	.988	.989
84	.984	.985	.985	.986	.986	.987	.987	.987	.988
86	.983	.983	.984	.984	.985	.985	.986	.986	.987
88	.981	.982	.983	.983	.984	.984	.985	.985	.986
90	.980	.981	.981	.982	.983	.983	.984	.984	.935
92	.979	.980	.980	.981	.981	.982	.983	.983	.984
94	.978	.979	.979	.980	.980	.981	.982	.982	.983
96	.976	.977	.978	.979	.979	.980	.981	.981	.982
98	.975	.976	.977	.977	.978	.979	.980	.980	.981
100	.974	.975	.975	.976	.977	.978	.979	.979	.980
102	.973	.974	.974	.975	.976	.977	.978	.978	.979
104	.972	.972	.973	.974	.975	.976	.977	.977	.978
106	.971	.971	.972	.973	.974	.975	.976	.976	.977
108	.969	.970	.971	.972	.973	.974	.975	.975	.976
110	.968	.969	.970	.971	.972	.973	.974	.974	.975
112	.967	.968	.969	.970	.971	.972	.973	.973	.974
114	.966	.967	.968	.969	.970	.971	.972	.972	.973
116	.965	.966	.967	.968	.969	.970	.971	.971	.972
118	.964	.965	.966	.967	.968	.969	.970	.970	.971
120	.962	.964	.965	.966	.967	.968	.969	.969	.970

TABLE 3—Continued

Observed temperature in °F	Observed specific gravity								
	0.800	0.810	0.820	0.830	0.840	0.850	0.860	0.870	0.880
	Volume at 60° F occupied by unit volume at various temperatures								
30	1.016	1.015	1.015	1.014	1.014	1.014	1.013	1.013	1.013
32	1.014	1.014	1.014	1.013	1.013	1.013	1.012	1.012	1.012
34	1.013	1.013	1.013	1.012	1.012	1.012	1.011	1.011	1.011
36	1.012	1.012	1.011	1.011	1.011	1.011	1.010	1.010	1.010
38	1.011	1.011	1.010	1.010	1.010	1.010	1.009	1.009	1.009
40	1.0105	1.0100	1.0095	1.0095	1.0095	1.0090	1.0090	1.0090	1.0085
42	1.0095	1.0090	1.9090	1.0085	1.0085	1.0080	1.0080	1.0080	1.0075
44	1.0085	1.0080	1.0080	1.0075	1.0075	1.0075	1.0070	1.0070	1.0070
46	1.0075	1.0070	1.0070	1.0065	1.0065	1.0065	1.0065	1.0060	1.0060
48	1.0060	1.0060	1.0060	1.0060	1.0055	1.0055	1.0055	1.0050	1.0050
50	1.0050	1.0050	1.0050	1.0050	1.0045	1.0045	1.0045	1.0045	1.0045
52	1.0040	1.0040	1.0040	1.0040	1.0035	1.0035	1.0035	1.0035	1.0035
54	1.0030	1.0030	1.0030	1.0030	1.0025	1.0025	1.0025	1.0025	1.0025
56	1.0020	1.0020	1.0020	1.0020	1.0020	1.0020	1.0015	1.0015	1.0015
58	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
62	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990
64	.9980	.9980	.9980	.9985	.9985	.9985	.9985	.9985	.9985
66	.9970	.9970	.9970	.9975	.9975	.9975	.9975	.9975	.9975
68	.9960	.9960	.9960	.9965	.9965	.9965	.9965	.9965	.9965
70	.9950	.9950	.9950	.9955	.9955	.9955	.9955	.9960	.9960
72	.9940	.9945	.9945	.9945	.9945	.9945	.9945	.9950	.9950
74	.9930	.9935	.9935	.9935	.9940	.9940	.9940	.9940	.9940
76	.9920	.9925	.9925	.9925	.9930	.9930	.9930	.9935	.9935
78	.9910	.9915	.9915	.9915	.9920	.9920	.9920	.9925	.9925
80	.990	.990	.990	.991	.991	.991	.991	.991	.992
82	.989	.989	.989	.990	.990	.990	.990	.991	.991
84	.988	.988	.989	.989	.989	.989	.989	.990	.990
86	.987	.987	.988	.988	.988	.988	.989	.989	.989
88	.986	.987	.987	.987	.987	.987	.988	.988	.988
90	.985	.986	.986	.986	.987	.987	.987	.987	.987
92	.984	.985	.985	.985	.986	.986	.986	.986	.987
94	.983	.984	.984	.985	.985	.985	.985	.985	.986
96	.982	.983	.983	.984	.984	.984	.984	.985	.985
98	.981	.982	.982	.983	.983	.983	.984	.984	.984
100	.980	.981	.981	.982	.982	.982	.983	.983	.983
102	.979	.980	.980	.981	.981	.982	.982	.982	.983
104	.979	.979	980	.980	.981	.981	.981	.981	.982
106	.978	.978	.979	.979	.980	.980	.980	.981	.981
108	.977	.977	.978	.978	.979	.979	.980	.980	.980
110	.976	.976	.977	.977	.978	.978	.979	.979	.979
112	.975	.976	.976	.977	.977	.978	.978	.978	.979
114	.974	.975	.975	.976	.976	.977	.977	.977	.978
116	.973	.974	.974	.975	.975	.976	.976	.977	.977
118	.972	.973	.973	.974	.974	.975	.975	.976	.976
120	.971	.972	.973	.973	.974	.974	.975	.975	.976

TABLE 3—Continued

Observed temperature in ° F	Observed specific gravity						
	0.890	0.900	0.910	0.920	0.930	0.940	0.950
	Volume at 60° F occupied by unit volume at various temperatures						
30	1.013	1.012	1.012	1.012	1.012	1.012	1.011
32	1.012	1.011	1.011	1 011	1.011	1.011	1.011
34	1.011	1.010	1.010	1.010	1.010	1.010	1.010
36	1.010	1.010	1.009	1.009	1.009	1.009	1.009
38	1.009	1.009	1.009	1.008	1.008	1.008	1.008
40	1.0085	1.0080	1.0080	1.0080	1.0080	1.0080	1.0080
42	1.0075	1.0075	1.0075	1.0070	1.0070	1.0070	1.0070
44	1.0070	1.0065	1.0065	1.0065	1.0065	1.0060	1.0060
46	1.0060	1.0060	1.0060	1.0055	1.0055	1.0055	1.0055
48	1.0050	1.0050	1.0050	1.0050	1.0050	1.0045	1.0045
50	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
52	1.0035	1.0035	1.0035	1.0030	1.0030	1.0030	1.0030
54	1.0025	1.0025	1.0025	1.0025	1.0025	1.0025	1.0025
56	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015
58	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0005
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
62	.9990	.9995	.9995	.9995	.9995	.9995	.9995
64	.9985	.9985	.9985	.9985	.9985	.9985	.9985
66	.9975	.9980	.9980	.9980	.9980	.9980	.9980
68	.9970	.9970	.9970	.9970	.9970	.9970	.9970
70	.9960	.9960	.9960	.9960	.9960	.9960	.9965
72	.9950	.9955	.9955	.9955	.9955	.9955	.9955
74	.9945	.9945	.9945	.9945	.9945	.9945	.9945
76	.9935	.9935	.9935	.9935	.9935	.9940	.9940
78	.9925	.9930	.9930	.9930	.9930	.9930	.9930
80	.992	.992	.992	.992	.992	.992	.992
82	.991	.991	.991	.991	.991	.991	.991
84	.990	.990	.990	.990	.990	.990	.991
86	.989	.989	.990	.990	.990	.990	.990
88	.988	.988	.989	.989	.989	.989	.989
90	.988	.988	.988	.988	.988	.988	.988
92	.987	.987	.987	.987	.987	.987	.988
94	.986	.986	.986	.986	.987	.987	.987
96	.985	.985	.985	.986	.986	.986	.986
98	.985	.985	.985	.985	.985	.985	.985
100	.984	.984	.984	.984	.984	.984	.985
102	.983	.983	.983	.983	.984	.984	.984
104	.982	.982	.982	.983	.983	.983	.983
106	.981	.981	.982	.982	.982	.982	.983
108	.981	.981	.981	.981	.981	.982	.982
110	.980	.980	.980	.980	.981	.981	.981
112	.979	.979	.979	.980	.980	.980	.981
114	.978	.978	.978	.979	.979	.979	.980
116	.977	.978	.978	.978	.978	.979	.979
118	.976	.977	.977	.977	.978	.978	.978
120	.976	.976	.976	.976	.977	.977	.978

TABLE 4

Degrees Baumé, pounds per gallon, and gallons per pound, corresponding to the various specific gravities designated

Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound	Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound
0.600	103.33	4.993	0.2003	0.650	85.38	5.410	0.1848
.601	102.94	5.001	.1999	.651	85.05	5.418	.1846
.602	102.56	5.010	.1996	.652	84.72	5.426	.1843
.603	102.17	5.018	.1993	.653	84.40	5.435	.1840
.604	101.79	5.026	.1990	.654	84.07	5.443	.1837
.605	101.40	5.035	.1986	.655	83.74	5.452	.1834
.606	101.02	5.043	.1983	.656	83.42	5.460	.1832
.607	100.64	5.051	.1980	.657	83.09	5.468	.1829
.608	100.26	5.060	.1976	.658	82.77	5.476	.1826
.609	99.88	5.068	.1973	.659	82.44	5.485	.1823
.610	99.51	5.076	.1970	.660	82.12	5.493	.1820
.611	99.13	5.084	.1967	.661	81.80	5.502	.1818
.612	98.76	5.093	.1963	.662	81.48	5.510	.1815
.613	98.38	5.101	.1960	.663	81.16	5.518	.1812
.614	98.01	5.110	.1957	.664	80.84	5.526	.1810
.615	97.64	5.118	.1954	.665	80.53	5.535	.1807
.616	97.27	5.126	.1951	.666	80.21	5.543	.1804
.617	96.90	5.135	.1948	.667	79.90	5.552	.1801
.618	96.54	5.143	.1944	.668	79.58	5.560	.1799
.619	96.17	5.151	.1941	.669	79.27	5.568	.1796
.620	95.81	5.160	.1938	.670	78.96	5.577	.1793
.621	95.44	5.168	.1935	.671	78.64	5.585	.1790
.622	95.08	5.176	.1932	.672	78.33	5.593	.1788
.623	94.72	5.185	.1929	.673	78.02	5.602	.1785
.624	94.36	5.193	.1926	.674	77.72	5.610	.1782
.625	94.00	5.201	.1923	.675	77.41	5.618	.1780
.626	93.64	5.210	.1920	.676	77.10	5.627	.1777
.627	93.28	5.218	.1916	.677	76.80	5.635	.1775
.628	92.93	5.226	.1913	.678	76.49	5.643	.1772
.629	92.58	5.235	.1910	.679	76.19	5.652	.1769
.630	92.22	5.243	.1907	.680	75.88	5.660	.1767
.631	91.87	5.251	.1904	.681	75.58	5.668	.1764
.632	91.52	5.260	.1901	.682	75.28	5.677	.1762
.633	91.17	5.268	.1898	.683	74.98	5.685	.1759
.634	90.82	5.276	.1895	.684	74.68	5.693	.1756
.635	90.47	5.285	.1892	.685	74.38	5.702	.1754
.636	90.13	5.293	.1889	.686	74.08	5.710	.1751
.637	89.78	5.301	.1886	.687	73.78	5.718	.1749
.638	89.44	5.310	.1883	.688	73.49	5.727	.1746
.639	89.09	5.318	.1880	.689	73.19	5.735	.1744
.640	88.75	5.326	.1877	.690	72.90	5.743	.1741
.641	88.41	5.335	.1874	.691	72.60	5.752	.1739
.642	88.07	5.343	.1872	.692	72.31	5.760	.1736
.643	87.73	5.351	.1869	.693	72.02	5.768	.1734
.644	87.39	5.360	.1866	.694	71.73	5.777	.1731
.645	87.05	5.368	.1863	.695	71.44	5.785	.1729
.646	86.72	5.376	.1860	.696	71.15	5.793	.1726
.647	86.38	5.385	.1857	.697	70.86	5.802	.1724
.648	86.05	5.393	.1854	.698	70.57	5.810	.1721
.649	85.72	5.402	.1851	.699	70.29	5.818	.1719

TABLE 4—Continued

Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound	Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound
0.700	70.00	5.827	0.1716	0.750	56.67	6.244	0.1602
.701	69.72	5.835	.1714	.751	56.42	6.252	.1600
.702	69.43	5.843	.1711	.752	56.17	6.260	.1597
.703	69.15	5.852	.1709	.753	55.92	6.269	.1595
.704	68.86	5.860	.1706	.754	55.68	6.277	.1593
.705	68.58	5.868	.1704	.755	55.43	6.285	.1591
.706	68.30	5.877	.1702	.756	55.18	6.294	.1589
.707	68.02	5.885	.1699	.757	54.94	6.302	.1587
.708	67.74	5.894	.1697	.758	54.70	6.310	.1585
.709	67.46	5.902	.1694	.759	54.45	6.319	.1583
.710	67.18	5.910	.1692	.760	54.21	6.327	.1580
.711	66.91	5.918	.1690	.761	53.97	6.335	.1578
.712	66.63	5.927	.1687	.762	53.73	6.344	.1576
.713	66.35	5.935	.1685	.763	53.49	6.352	.1574
.714	66.08	5.944	.1682	.764	53.25	6.360	.1572
.715	65.80	5.952	.1680	.765	53.01	6.369	.1570
.716	65.53	5.960	.1678	.766	52.77	6.377	.1568
.717	65.26	5.968	.1676	.767	52.53	6.386	.1566
.718	64.99	5.977	.1673	.768	52.29	6.394	.1564
.719	64.72	5.985	.1671	.769	52.06	6.402	.1562
.720	64.44	5.994	.1668	.770	51.82	6.410	.1560
.721	64.18	6.002	.1666	.771	51.58	6.419	.1558
.722	63.91	6.010	.1664	.772	51.35	6.427	.1556
.723	63.64	6.018	.1662	.773	51.11	6.436	.1554
.724	63.37	6.027	.1659	.774	50.88	6.444	.1552
.725	63.10	6.035	.1657	.775	50.64	6.452	.1550
.726	62.84	6.044	.1655	.776	50.41	6.460	.1548
.727	62.57	6.052	.1652	.777	50.18	6.469	.1546
.728	62.31	6.060	.1650	.778	49.95	6.477	.1544
.729	62.04	6.068	.1648	.779	49.72	6.486	.1542
.730	61.78	6.077	.1646	.780	49.49	6.494	.1540
.731	61.52	6.085	.1643	.781	49.26	6.502	.1538
.732	61.26	6.094	.1641	.782	49.03	6.510	.1536
.733	61.00	6.102	.1639	.783	48.80	6.519	.1534
.734	60.74	6.110	.1637	.784	48.57	6.527	.1532
.735	60.48	6.119	.1634	.785	48.34	6.536	.1530
.736	60.22	6.127	.1632	.786	48.12	6.544	.1528
.737	59.96	6.135	.1630	.787	47.89	6.552	.1526
.738	59.70	6.144	.1628	.788	47.66	6.560	.1524
.739	59.44	6.152	.1626	.789	47.44	6.569	.1522
.740	59.19	6.160	.1623	.790	47.22	6.577	.1520
.741	58.93	6.169	.1621	.791	46.99	6.586	.1518
.742	58.68	6.177	.1619	.792	46.77	6.594	.1517
.743	58.42	6.185	.1617	.793	46.54	6.602	.1515
.744	58.17	6.194	.1615	.794	46.32	6.611	.1513
.745	57.92	6.202	.1612	.795	46.10	6.619	.1511
.746	57.67	6.210	.1610	.796	45.88	6.627	.1509
.747	57.42	6.219	.1608	.797	45.66	6.636	.1507
.748	57.17	6.227	.1606	.798	45.44	6.644	.1505
.749	56.92	6.235	.1604	.799	45.22	6.652	.1503

TABLE 4—Continued

Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound	Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound
0.800	45.00	6.661	0.1501	0.850	34.71	7.078	0.1413
.801	44.78	6.669	.1500	.851	34.51	7.086	.1411
.802	44.56	6.677	.1498	.852	34.32	7.094	.1410
.803	44.35	6.686	.1496	.853	34.13	7.103	.1408
.804	44.13	6.694	.1494	.854	33.93	7.111	.1406
.805	43.91	6.702	.1492	.855	33.74	7.119	.1405
.806	43.70	6.711	.1490	.856	33.55	7.128	.1403
.807	43.48	6.719	.1488	.857	33.36	7.136	.1401
.808	43.27	6.727	.1486	.858	33.17	7.144	.1400
.809	43.05	6.736	.1485	.859	32.98	7.153	.1398
.810	42.84	6.744	.1483	.860	32.79	7.161	.1396
.811	42.63	6.752	.1481	.861	32.60	7.169	.1395
.812	42.41	6.761	.1479	.862	32.41	7.178	.1393
.813	42.20	6.769	.1477	.863	32.22	7.186	.1392
.814	41.99	6.777	.1476	.864	32.04	7.194	.1390
.815	41.78	6.786	.1474	.865	31.85	7.203	.1388
.816	41.57	6.794	.1472	.866	31.66	7.211	.1387
.817	41.36	6.802	.1470	.867	31.48	7.219	.1385
.818	41.15	6.811	.1468	.868	31.29	7.228	.1384
.819	40.94	6.819	.1466	.869	31.10	7.236	.1382
.820	40.73	6.827	.1465	.870	30.92	7.244	.1380
.821	40.52	6.836	.1463	.871	30.74	7.253	.1379
.822	40.32	6.844	.1461	.872	30.55	7.261	.1377
.823	40.11	6.852	.1459	.873	30.37	7.269	.1376
.824	39.90	6.861	.1458	.874	30.18	7.278	.1374
.825	39.70	6.869	.1456	.875	30.00	7.286	.1372
.826	39.49	6.877	.1454	.876	29.82	7.294	.1371
.827	39.29	6.886	.1452	.877	29.64	7.303	.1369
.828	39.08	6.894	.1450	.878	29.45	7.311	.1368
.829	38.88	6.902	.1449	.879	29.27	7.319	.1366
.830	38.68	6.911	.1447	.880	29.09	7.328	.1365
.831	38.47	6.919	.1445	.881	28.91	7.336	.1363
.832	38.27	6.927	.1444	.882	28.73	7.344	.1362
.833	38.07	6.936	.1442	.883	28.55	7.353	.1360
.834	37.87	6.944	.1440	.884	28.37	7.361	.1358
.835	37.66	6.952	.1438	.885	28.19	7.369	.1357
.836	37.46	6.961	.1437	.886	28.01	7.378	.1355
.837	37.26	6.969	.1435	.887	27.84	7.386	.1354
.838	37.06	6.978	.1433	.888	27.66	7.394	.1352
.839	36.87	6.986	.1432	.889	27.48	7.403	.1351
.840	36.67	6.994	.1430	.890	27.30	7.411	.1349
.841	36.47	7.002	.1428	.891	27.13	7.419	.1348
.842	36.27	7.011	.1426	.892	26.95	7.428	.1346
.843	36.07	7.019	.1425	.893	26.78	7.436	.1345
.844	35.88	7.028	.1423	.894	26.60	7.444	.1343
.845	35.68	7.036	.1421	.895	26.42	7.453	.1342
.846	35.48	7.044	.1420	.896	26.25	7.461	.1340
.847	35.29	7.052	.1418	.897	26.08	7.469	.1339
.848	35.09	7.061	.1416	.898	25.90	7.478	.1337
.849	34.90	7.069	.1415	.899	25.73	7.486	.1336

TABLE 4—Continued

Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound	Specific gravity at 60°/60° F	Degrees Baumé	Pounds per gallon	Gallons per pound
0.900	25.56	7.494	0.1334	0.950	17.37	7.911	0.1264
.901	25.38	7.503	.1333	.951	17.21	7.920	.1263
.902	25.21	7.511	.1331	.952	17.06	7.928	.1261
.903	25.04	7.519	.1330	.953	16.90	7.937	.1260
.904	24.87	7.528	.1328	.954	16.75	7.945	.1259
.905	24.70	7.536	.1327	.955	16.60	7.953	.1257
.906	24.52	7.544	.1326	.956	16.44	7.962	.1256
.907	24.36	7.553	.1324	.957	16.29	7.970	.1255
.908	24.18	7.561	.1323	.958	16.14	7.978	.1253
.909	24.02	7.569	.1321	.959	15.98	7.987	.1252
.910	23.85	7.578	.1320	.960	15.83	7.995	.1251
.911	23.68	7.586	.1318	.961	15.68	8.003	.1250
.912	23.51	7.594	.1317	.962	15.53	8.012	.1248
.913	23.34	7.603	.1315	.963	15.38	8.020	.1247
.914	23.17	7.611	.1314	.964	15.23	8.028	.1246
.915	23.00	7.620	.1312	.965	15.08	8.036	.1244
.916	22.84	7.628	.1311	.966	14.93	8.045	.1243
.917	22.67	7.636	.1310	.967	14.78	8.053	.1242
.918	22.51	7.645	.1308	.968	14.63	8.062	.1240
.919	22.34	7.653	.1307	.969	14.48	8.070	.1239
.920	22.17	7.661	.1305	.970	14.33	8.078	.1238
.921	22.01	7.670	.1304	.971	14.18	8.087	.1237
.922	21.84	7.678	.1302	.972	14.03	8.095	.1235
.923	21.68	7.686	.1301	.973	13.88	8.103	.1234
.924	21.52	7.695	.1300	.974	13.74	8.112	.1233
.925	21.35	7.703	.1298	.975	13.59	8.120	.1232
.926	21.19	7.711	.1297	.976	13.44	8.128	.1230
.927	21.02	7.720	.1295	.977	13.30	8.137	.1229
.928	20.86	7.728	.1294	.978	13.15	8.145	.1228
.929	20.70	7.736	.1293	.979	13.00	8.153	.1227
.930	20.54	7.745	.1291	.980	12.86	8.162	.1225
.931	20.38	7.753	.1290	.981	12.71	8.170	.1224
.932	20.22	7.761	.1288	.982	12.57	8.178	.1223
.933	20.05	7.770	.1287	.983	12.42	8.187	.1221
.934	19.89	7.778	.1286	.984	12.28	8.195	.1220
.935	19.73	7.786	.1284	.985	12.13	8.203	.1219
.936	19.57	7.795	.1283	.986	11.99	8.212	.1218
.937	19.41	7.803	.1282	.987	11.84	8.220	.1217
.938	19.25	7.811	.1280	.988	11.70	8.228	.1215
.939	19.10	7.820	.1279	.989	11.56	8.237	.1214
.940	18.94	7.828	.1278	.990	11.41	8.245	.1213
.941	18.78	7.836	.1276	.991	11.27	8.253	.1212
.942	18.62	7.845	.1275	.992	11.13	8.262	.1210
.943	18.46	7.853	.1273	.993	10.99	8.270	.1209
.944	18.30	7.861	.1272	.994	10.84	8.278	.1208
.945	18.15	7.870	.1271	.995	10.70	8.287	.1207
.946	17.99	7.878	.1269	.996	10.56	8.295	.1206
.947	17.84	7.886	.1268	.997	10.42	8.303	.1204
.948	17.68	7.895	.1267	.998	10.28	8.312	.1203
.949	17.52	7.903	.1265	.999	10.14	8.320	.1202
				1.000	10.00	8.328	.1201

TABLE 5

Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Various Degrees Baumé Designated

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
10.0	1.0000	8.328	0.1201	15.0	0.9655	8.041	0.1244
10.1	.9993	8.322	.1202	15.1	.9649	8.035	.1245
10.2	.9986	8.317	.1202	15.2	.9642	8.030	.1245
10.3	.9979	8.311	.1203	15.3	.9635	8.024	.1246
10.4	.9972	8.305	.1204	15.4	.9629	8.019	.1247
10.5	.9964	8.299	.1205	15.5	.9622	8.013	.1248
10.6	.9957	8.293	.1206	15.6	.9615	8.007	.1249
10.7	.9950	8.287	.1207	15.7	.9609	8.002	.1250
10.8	.9943	8.281	.1208	15.8	.9602	7.997	.1250
10.9	.9936	8.275	.1208	15.9	.9596	7.991	.1251
11.0	.9929	8.269	.1209	16.0	.9589	7.986	.1252
11.1	.9922	8.263	.1210	16.1	.9582	7.980	.1253
11.2	.9915	8.258	.1211	16.2	.9576	7.975	.1254
11.3	.9908	8.252	.1212	16.3	.9569	7.969	.1255
11.4	.9901	8.246	.1213	16.4	.9563	7.964	.1256
11.5	.9894	8.240	.1214	16.5	.9556	7.959	.1256
11.6	.9887	8.234	.1214	16.6	.9550	7.953	.1257
11.7	.9880	8.228	.1215	16.7	.9543	7.948	.1258
11.8	.9873	8.223	.1216	16.8	.9537	7.942	.1259
11.9	.9866	8.217	.1217	16.9	.9530	7.937	.1260
12.0	.9859	8.211	.1218	17.0	.9524	7.931	.1261
12.1	.9852	8.205	.1219	17.1	.9517	7.926	.1262
12.2	.9845	8.199	.1220	17.2	.9511	7.921	.1262
12.3	.9838	8.194	.1220	17.3	.9504	7.915	.1263
12.4	.9831	8.188	.1221	17.4	.9498	7.910	.1264
12.5	.9825	8.182	.1222	17.5	.9492	7.904	.1265
12.6	.9818	8.176	.1223	17.6	.9485	7.899	.1266
12.7	.9811	8.171	.1224	17.7	.9479	7.894	.1267
12.8	.9804	8.165	.1225	17.8	.9472	7.888	.1268
12.9	.9797	8.159	.1226	17.9	.9466	7.883	.1269
13.0	.9790	8.153	.1227	18.0	.9459	7.877	.1270
13.1	.9783	8.148	.1227	18.1	.9453	7.872	.1270
13.2	.9777	8.142	.1228	18.2	.9447	7.867	.1271
13.3	.9770	8.137	.1229	18.3	.9440	7.861	.1272
13.4	.9763	8.131	.1230	18.4	.9434	7.856	.1273
13.5	.9756	8.125	.1231	18.5	.9428	7.851	.1274
13.6	.9749	8.119	.1232	18.6	.9421	7.846	.1275
13.7	.9743	8.114	.1232	18.7	.9415	7.841	.1275
13.8	.9736	8.108	.1233	18.8	.9409	7.835	.1276
13.9	.9729	8.102	.1234	18.9	.9402	7.830	.1277
14.0	.9722	8.096	.1235	19.0	.9396	7.825	.1278
14.1	.9715	8.091	.1236	19.1	.9390	7.820	.1279
14.2	.9709	8.086	.1237	19.2	.9383	7.814	.1280
14.3	.9702	8.080	.1238	19.3	.9377	7.809	.1281
14.4	.9695	8.074	.1239	19.4	.9371	7.804	.1281
14.5	.9688	8.069	.1239	19.5	.9365	7.799	.1282
14.6	.9682	8.063	.1240	19.6	.9358	7.793	.1283
14.7	.9675	8.058	.1241	19.7	.9352	7.788	.1284
14.8	.9669	8.052	.1242	19.8	.9346	7.783	.1285
14.9	.9662	8.047	.1243	19.9	.9340	7.778	.1286

TABLE 5—Continued

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
20.0	0.9333	7.772	0.1287	26.0	0.8974	7.473	0.1338
20.1	.9327	7.767	.1287	26.1	.8969	7.469	.1339
20.2	.9321	7.762	.1288	26.2	.8963	7.464	.1340
20.3	.9315	7.757	.1289	26.3	.8957	7.459	.1341
20.4	.9309	7.752	.1290	26.4	.8951	7.454	.1342
20.5	.9302	7.747	.1291	26.5	.8946	7.449	.1342
20.6	.9296	7.742	.1292	26.6	.8940	7.445	.1343
20.7	.9290	7.736	.1293	26.7	.8934	7.440	.1344
20.8	.9284	7.731	.1293	26.8	.8929	7.435	.1345
20.9	.9278	7.726	.1294	26.9	.8923	7.430	.1346
21.0	.9272	7.721	.1295	27.0	.8917	7.425	.1347
21.1	.9265	7.716	.1296	27.1	.8912	7.421	.1348
21.2	.9259	7.711	.1297	27.2	.8906	7.416	.1348
21.3	.9253	7.706	.1298	27.3	.8900	7.411	.1349
21.4	.9247	7.701	.1299	27.4	.8895	7.407	.1350
21.5	.9241	7.696	.1299	27.5	.8889	7.402	.1351
21.6	.9235	7.690	.1300	27.6	.8883	7.397	.1352
21.7	.9229	7.685	.1301	27.7	.8878	7.393	.1353
21.8	.9223	7.680	.1302	27.8	.8872	7.388	.1354
21.9	.9217	7.675	.1303	27.9	.8866	7.383	.1354
22.0	.9211	7.670	.1304	28.0	.8861	7.378	.1355
22.1	.9204	7.665	.1305	28.1	.8855	7.374	.1356
22.2	.9198	7.660	.1305	28.2	.8850	7.369	.1357
22.3	.9192	7.655	1306	28.3	.8844	7.365	.1358
22.4	.9186	7.650	.1307	28.4	.8838	7.360	.1359
22.5	.9180	7.645	.1308	28.5	.8833	7.355	.1360
22.6	.9174	7.640	.1309	28.6	.8827	7.351	.1360
22.7	.9168	7.635	.1310	28.7	.8822	7.346	.1361
22.8	.9162	7.630	.1311	28.8	.8816	7.341	.1362
22.9	.9156	7.625	.1312	28.9	.8811	7.337	.1363
23.0	.9150	7.620	.1313	29.0	.8805	7.332	.1364
23.1	.9144	7.615	1313	29.1	.8799	7.328	.1365
23.2	.9138	7.610	.1314	29.2	.8794	7.323	.1366
23.3	.9132	7.605	.1315	29.3	.8788	7.318	.1366
23.4	.9126	7.600	.1316	29.4	.8783	7.314	.1367
23.5	.9121	7.595	.1317	29.5	.8777	7.309	.1368
23.6	.9115	7.590	.1318	29.6	.8772	7.305	.1369
23.7	.9109	7.585	.1318	29.7	.8766	7.300	.1370
23.8	.9103	7.580	.1319	29.8	.8761	7.295	1371
23.9	.9097	7.575	.1320	29.9	.8755	7.291	.1372
24.0	.9091	7.570	.1321	30.0	.8750	7.286	.1373
24.1	.9085	7.565	.1322	30.1	.8745	7.282	.1373
24.2	.9079	7.561	.1323	30.2	.8739	7.277	.1374
24.3	.9073	7.556	.1323	30.3	.8734	7.273	.1375
24.4	.9067	7.551	.1324	30.4	.8728	7.268	.1375
24.5	.9061	7.546	.1325	30.5	.8723	7.264	.1377
24.6	.9056	7.541	.1326	30.6	.8717	7.259	.1378
24.7	.9050	7.536	.1327	30.7	.8712	7.254	.1379
24.8	.9044	7.531	1328	30.8	.8706	7.249	.1379
24.9	.9038	7.526	.1329	30.9	.8701	7.245	.1380
25.0	.9032	7.522	.1330	31.0	.8696	7.241	.1381
25.1	.9026	7.517	.1330	31.1	.8690	7.236	.1382
25.2	.9021	7.512	.1331	31.2	.8685	7.232	.1383
25.3	.9015	7.507	.1332	31.3	.8679	7.227	.1384
25.4	.9009	7.502	.1333	31.4	.8674	7.223	.1384
25.5	.9003	7.497	.1334	31.5	.8669	7.218	.1385
25.6	.8997	7.493	.1335	31.6	.8663	7.214	.1386
25.7	.8992	7.488	.1335	31.7	.8658	7.210	.1387
25.8	.8986	7.483	.1336	31.8	.8653	7.205	.1388
25.9	.8980	7.478	.1337	31.9	.8647	7.201	.1389

TABLE 5—Continued

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
32.0	0.8642	7.196	0.1390	38.0	0.8333	6.939	0.1441
32.1	.8637	7.192	.1390	38.1	.8328	6.935	.1442
32.2	.8631	7.187	.1391	38.2	.8323	6.930	.1443
32.3	.8626	7.183	.1392	38.3	.8318	6.926	.1444
32.4	.8621	7.178	.1393	38.4	.8314	6.922	.1445
32.5	.8615	7.173	.1394	38.5	.8309	6.918	.1446
32.6	.8610	7.169	.1395	38.6	.8304	6.914	.1446
32.7	.8605	7.165	.1396	38.7	.8299	6.910	.1447
32.8	.8600	7.161	.1396	38.8	.8294	6.906	.1443
32.9	.8594	7.156	.1397	38.9	.8289	6.902	.1449
33.0	.8589	7.152	.1398	39.0	.8284	6.898	.1450
33.1	.8584	7.147	.1399	39.1	.8279	6.894	.1451
33.2	.8578	7.143	.1400	39.2	.8274	6.889	.1452
33.3	.8573	7.139	.1401	39.3	.8269	6.885	.1452
33.4	.8568	7.134	.1402	39.4	.8264	6.881	.1453
33.5	.8563	7.130	.1403	39.5	.8260	6.877	.1454
33.6	.8557	7.125	.1403	39.6	.8255	6.873	.1455
33.7	.8552	7.121	.1404	39.7	.8250	6.869	.1456
33.8	.8547	7.117	.1405	39.8	.8245	6.865	.1457
33.9	.8542	7.113	.1406	39.9	.8240	6.861	.1458
34.0	.8537	7.108	.1407	40.0	.8235	6.857	.1459
34.1	.8531	7.104	.1408	40.1	.8230	6.853	.1459
34.2	.8526	7.100	.1408	40.2	.8226	6.849	.1460
34.3	.8521	7.095	.1409	40.3	.8221	6.845	.1461
34.4	.8516	7.091	.1410	40.4	.8216	6.841	.1462
34.5	.8511	7.087	.1411	40.5	.8211	6.837	.1463
34.6	.8505	7.082	.1412	40.6	.8206	6.833	.1463
34.7	.8500	7.078	.1413	40.7	.8202	6.829	.1464
34.8	.8495	7.074	.1414	40.8	.8197	6.825	.1465
34.9	.8490	7.069	.1415	40.9	.8192	6.821	.1466
35.0	.8485	7.065	.1415	41.0	.8187	6.817	.1467
35.1	.8480	7.061	.1416	41.1	.8182	6.813	.1468
35.2	.8475	7.057	.1417	41.2	.8178	6.809	.1469
35.3	.8469	7.052	.1418	41.3	.8173	6.805	.1470
35.4	.8464	7.048	.1419	41.4	.8168	6.801	.1470
35.5	.8459	7.044	.1420	41.5	.8163	6.797	.1471
35.6	.8454	7.039	.1421	41.6	.8159	6.793	.1472
35.7	.8449	7.035	.1421	41.7	.8154	6.789	.1473
35.8	.8444	7.031	.1422	41.8	.8149	6.785	.1474
35.9	.8439	7.027	.1423	41.9	.8144	6.781	.1475
36.0	.8434	7.022	.1424	42.0	.8140	6.777	.1476
36.1	.8429	7.018	.1425	42.1	.8135	6.773	.1476
36.2	.8424	7.014	.1426	42.2	.8130	6.769	.1477
36.3	.8419	7.010	.1427	42.3	.8125	6.765	.1478
36.4	.8413	7.006	.1427	42.4	.8121	6.761	.1479
36.5	.8408	7.001	.1428	42.5	.8116	6.758	.1480
36.6	.8403	6.997	.1429	42.6	.8111	6.754	.1481
36.7	.8398	6.993	.1430	42.7	.8107	6.750	.1481
36.8	.8393	6.989	.1431	42.8	.8102	6.746	.1482
36.9	.8388	6.985	.1432	42.9	.8097	6.742	.1483
37.0	.8383	6.980	.1433	43.0	.8092	6.738	.1484
37.1	.8378	6.976	.1433	43.1	.8088	6.734	.1485
37.2	.8373	6.972	.1434	43.2	.8083	6.730	.1486
37.3	.8368	6.968	.1435	43.3	.8078	6.726	.1487
37.4	.8363	6.964	.1436	43.4	.8074	6.722	.1488
37.5	.8358	6.960	.1437	43.5	.8069	6.718	.1489
37.6	.8353	6.955	.1438	43.6	.8065	6.715	.1489
37.7	.8348	6.951	.1439	43.7	.8060	6.711	.1490
37.8	.8343	6.947	.1439	43.8	.8055	6.707	.1491
37.9	.8338	6.943	.1440	43.9	.8051	6.703	.1492

TABLE 5—Continued

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
44.0	0.8046	6.699	0.1493	50.0	0.7778	6.476	0.1544
44.1	.8041	6.695	.1494	50.1	.7773	6.472	.1545
44.2	.8037	6.691	.1495	50.2	.7769	6.468	.1546
44.3	.8032	6.688	.1495	50.3	.7765	6.465	.1547
44.4	.8028	6.684	.1496	50.4	.7761	6.461	.1548
44.5	.8023	6.680	.1497	50.5	.7756	6.458	.1548
44.6	.8018	6.676	.1498	50.6	.7752	6.454	.1549
44.7	.8014	6.672	.1499	50.7	.7748	6.450	.1550
44.8	.8009	6.668	.1500	50.8	.7743	6.447	.1551
44.9	.8005	6.665	.1500	50.9	.7739	6.443	.1552
45.0	.8000	6.661	.1501	51.0	.7735	6.440	.1553
45.1	.7995	6.657	.1502	51.1	.7731	6.436	.1554
45.2	.7991	6.653	.1503	51.2	.7726	6.432	.1555
45.3	.7986	6.649	.1504	51.3	.7722	6.429	.1555
45.4	.7982	6.646	.1505	51.4	.7718	6.425	.1556
45.5	.7977	6.642	.1506	51.5	.7713	6.421	.1557
45.6	.7973	6.638	.1506	51.6	.7709	6.418	.1558
45.7	.7968	6.634	.1507	51.7	.7705	6.415	.1559
45.8	.7964	6.630	.1508	51.8	.7701	6.411	.1560
45.9	.7959	6.627	.1509	51.9	.7697	6.408	.1561
46.0	.7955	6.623	.1510	52.0	.7692	6.404	.1562
46.1	.7950	6.619	.1511	52.1	.7688	6.401	.1562
46.2	.7946	6.615	.1512	52.2	.7684	6.397	.1563
46.3	.7941	6.612	.1512	52.3	.7680	6.394	.1564
46.4	.7937	6.608	.1513	52.4	.7675	6.390	.1565
46.5	.7932	6.604	.1514	52.5	.7671	6.387	.1566
46.6	.7928	6.600	.1515	52.6	.7667	6.383	.1567
46.7	.7923	6.597	.1516	52.7	.7663	6.380	.1567
46.8	.7919	6.593	.1517	52.8	.7659	6.376	.1568
46.9	.7914	6.589	.1518	52.9	.7654	6.373	.1569
47.0	.7910	6.586	.1518	53.0	.7650	6.369	.1570
47.1	.7905	6.582	.1519	53.1	.7646	6.366	.1571
47.2	.7901	6.578	.1520	53.2	.7642	6.362	.1572
47.3	.7896	6.574	.1521	53.3	.7638	6.359	.1573
47.4	.7892	6.571	.1522	53.4	.7634	6.355	.1574
47.5	.7887	6.567	.1523	53.5	.7629	6.351	.1574
47.6	.7883	6.563	.1524	53.6	.7625	6.348	.1575
47.7	.7878	6.560	.1524	53.7	.7621	6.345	.1576
47.8	.7874	6.556	.1525	53.8	.7617	6.341	.1577
47.9	.7870	6.552	.1526	53.9	.7613	6.338	.1578
48.0	.7865	6.548	.1527	54.0	.7609	6.334	.1579
48.1	.7861	6.545	.1528	54.1	.7605	6.331	.1580
48.2	.7856	6.541	.1529	54.2	.7600	6.327	.1581
48.3	.7852	6.537	.1530	54.3	.7596	6.324	.1581
48.4	.7848	6.534	.1530	54.4	.7592	6.321	.1582
48.5	.7843	6.530	.1531	54.5	.7588	6.317	.1583
48.6	.7839	6.526	.1532	54.6	.7584	6.314	.1584
48.7	.7834	6.523	.1533	54.7	.7580	6.311	.1585
48.8	.7830	6.519	.1534	54.8	.7576	6.307	.1586
48.9	.7826	6.515	.1535	54.9	.7572	6.304	.1586
49.0	.7821	6.511	.1536	55.0	.7568	6.300	.1587
49.1	.7817	6.508	.1537	55.1	.7563	6.296	.1588
49.2	.7812	6.504	.1538	55.2	.7559	6.293	.1589
49.3	.7808	6.501	.1538	55.3	.7555	6.290	.1590
49.4	.7804	6.497	.1539	55.4	.7551	6.287	.1591
49.5	.7799	6.494	.1540	55.5	.7547	6.283	.1592
49.6	.7795	6.490	.1541	55.6	.7543	6.280	.1592
49.7	.7791	6.486	.1542	55.7	.7539	6.276	.1593
49.8	.7786	6.483	.1542	55.8	.7535	6.273	.1594
49.9	.7782	6.479	.1543	55.9	.7531	6.270	.1595

TABLE 5—Continued.

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
56.0	0.7527	6.266	0.1596	62.0	0.7292	6.070	0.1647
56.1	.7523	6.263	.1597	62.1	.7288	6.067	.1648
56.2	.7519	6.259	.1598	62.2	.7284	6.064	.1649
56.3	.7515	6.256	.1598	62.3	.7280	6.060	.1650
56.4	.7511	6.253	.1599	62.4	.7277	6.057	.1651
56.5	.7507	6.249	.1600	62.5	.7273	6.054	.1652
56.6	.7503	6.246	.1601	62.6	.7269	6.051	.1653
56.7	.7499	6.243	.1602	62.7	.7265	6.048	.1653
56.8	.7495	6.240	.1603	62.8	.7261	6.045	.1654
56.9	.7491	6.236	.1604	62.9	.7258	6.042	.1655
57.0	.7487	6.233	.1604	63.0	.7254	6.038	.1656
57.1	.7483	6.229	.1605	63.1	.7250	6.035	.1657
57.2	.7479	6.226	.1606	63.2	.7246	6.032	.1658
57.3	.7475	6.223	.1607	63.3	.7243	6.029	.1659
57.4	.7471	6.219	.1608	63.4	.7239	6.026	.1659
57.5	.7467	6.216	.1609	63.5	.7235	6.023	.1660
57.6	.7463	6.213	.1610	63.6	.7231	6.020	.1661
57.7	.7459	6.209	.1611	63.7	.7228	6.017	.1662
57.8	.7455	6.206	.1611	63.8	.7224	6.014	.1663
57.9	.7451	6.203	.1612	63.9	.7220	6.010	.1664
58.0	.7447	6.199	.1613	64.0	.7216	6.007	.1665
58.1	.7443	6.196	.1614	64.1	.7213	6.004	.1666
58.2	.7439	6.193	.1615	64.2	.7209	6.001	.1666
58.3	.7435	6.190	.1616	64.3	.7205	5.998	.1667
58.4	.7431	6.186	.1617	64.4	.7202	5.995	.1668
58.5	.7427	6.183	.1617	64.5	.7198	5.992	.1669
58.6	.7423	6.180	.1618	64.6	.7194	5.989	.1670
58.7	.7419	6.176	.1619	64.7	.7191	5.986	.1671
58.8	.7415	6.173	.1620	64.8	.7187	5.983	.1671
58.9	.7411	6.170	.1621	64.9	.7183	5.980	.1672
59.0	.7407	6.166	.1622	65.0	.7179	5.976	.1673
59.1	.7403	6.163	.1623	65.1	.7176	5.973	.1674
59.2	.7400	6.160	.1623	65.2	.7172	5.970	.1675
59.3	.7396	6.157	.1624	65.3	.7168	5.967	.1676
59.4	.7392	6.154	.1625	65.4	.7165	5.964	.1677
59.5	.7388	6.150	.1626	65.5	.7161	5.961	.1678
59.6	.7384	6.147	.1627	65.6	.7157	5.958	.1678
59.7	.7380	6.144	.1628	65.7	.7154	5.955	.1679
59.8	.7376	6.141	.1628	65.8	.7150	5.952	.1680
59.9	.7372	6.137	.1629	65.9	.7147	5.949	.1681
60.0	.7368	6.134	.1630	66.0	.7143	5.946	.1682
60.1	.7365	6.131	.1631	66.1	.7139	5.943	.1683
60.2	.7361	6.128	.1632	66.2	.7136	5.940	.1684
60.3	.7357	6.124	.1633	66.3	.7132	5.937	.1684
60.4	.7353	6.121	.1634	66.4	.7128	5.934	.1685
60.5	.7349	6.118	.1635	66.5	.7125	5.931	.1686
60.6	.7345	6.115	.1635	66.6	.7121	5.928	.1687
60.7	.7341	6.112	.1636	66.7	.7117	5.925	.1688
60.8	.7338	6.108	.1637	66.8	.7114	5.922	.1689
60.9	.7334	6.105	.1638	66.9	.7110	5.919	.1689
61.0	.7330	6.102	.1639	67.0	.7107	5.916	.1690
61.1	.7326	6.099	.1640	67.1	.7103	5.913	.1691
61.2	.7322	6.096	.1640	67.2	.7099	5.910	.1692
61.3	.7318	6.093	.1641	67.3	.7096	5.907	.1693
61.4	.7315	6.090	.1642	67.4	.7092	5.904	.1694
61.5	.7311	6.086	.1643	67.5	.7089	5.901	.1695
61.6	.7307	6.083	.1644	67.6	.7085	5.898	.1695
61.7	.7303	6.080	.1645	67.7	.7081	5.895	.1696
61.8	.7299	6.077	.1646	67.8	.7078	5.892	.1697
61.9	.7295	6.073	.1647	67.9	.7074	5.889	.1698

TABLE 5—Continued.

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
68.0	0.7071	5.886	0.1699	74.0	0.6863	5.712	0.1751
68.1	.7067	5.883	.1700	74.1	.6859	5.710	.1751
68.2	.7064	5.880	.1701	74.2	.6856	5.707	.1752
68.3	.7060	5.877	.1702	74.3	.6853	5.704	.1753
68.4	.7056	5.874	.1702	74.4	.6849	5.701	.1754
68.5	.7053	5.871	.1703	74.5	.6846	5.698	.1755
68.6	.7049	5.868	.1704	74.6	.6843	5.696	.1756
68.7	.7046	5.865	.1705	74.7	.6839	5.693	.1757
68.8	.7042	5.862	.1706	74.8	.6836	5.690	.1757
68.9	.7039	5.859	.1707	74.9	.6833	5.687	.1758
69.0	.7035	5.856	.1708	75.0	.6829	5.685	.1759
69.1	.7032	5.853	.1709	75.1	.6826	5.682	.1760
69.2	.7028	5.850	.1709	75.2	.6823	5.679	.1761
69.3	.7025	5.848	.1710	75.3	.6819	5.676	.1762
69.4	.7021	5.845	.1711	75.4	.6816	5.673	.1763
69.5	.7018	5.842	.1712	75.5	.6813	5.671	.1763
69.6	.7014	5.839	.1713	75.6	.6809	5.668	.1764
69.7	.7011	5.836	.1714	75.7	.6806	5.665	.1765
69.8	.7007	5.833	.1714	75.8	.6803	5.662	.1766
69.9	.7004	5.830	.1715	75.9	.6799	5.660	.1767
70.0	.7000	5.827	.1716	76.0	.6796	5.657	.1768
70.1	.6997	5.824	.1717	76.1	.6793	5.654	.1769
70.2	.6993	5.821	.1718	76.2	.6790	5.652	.1769
70.3	.6990	5.818	.1719	76.3	.6786	5.649	.1770
70.4	.6986	5.815	.1720	76.4	.6783	5.646	.1771
70.5	.6983	5.812	.1721	76.5	.6780	5.643	.1772
70.6	.6979	5.810	.1721	76.6	.6776	5.640	.1773
70.7	.6976	5.807	.1722	76.7	.6773	5.638	.1774
70.8	.6972	5.804	.1723	76.8	.6770	5.635	.1775
70.9	.6969	5.801	.1724	76.9	.6767	5.632	.1776
71.0	.6965	5.798	.1725	77.0	.6763	5.629	.1776
71.1	.6962	5.795	.1726	77.1	.6760	5.627	.1777
71.2	.6958	5.792	.1727	77.2	.6757	5.624	.1778
71.3	.6955	5.789	.1727	77.3	.6753	5.621	.1779
71.4	.6951	5.786	.1728	77.4	.6750	5.618	.1780
71.5	.6948	5.784	.1729	77.5	.6747	5.616	.1781
71.6	.6944	5.781	.1730	77.6	.6744	5.613	.1782
71.7	.6941	5.778	.1731	77.7	.6740	5.610	.1783
71.8	.6938	5.775	.1732	77.8	.6737	5.608	.1783
71.9	.6934	5.772	.1733	77.9	.6734	5.605	.1784
72.0	.6931	5.769	.1733	78.0	.6731	5.602	.1785
72.1	.6927	5.766	.1734	78.1	.6728	5.600	.1786
72.2	.6924	5.763	.1735	78.2	.6724	5.597	.1787
72.3	.6920	5.760	.1736	78.3	.6721	5.594	.1788
72.4	.6917	5.758	.1737	78.4	.6718	5.592	.1788
72.5	.6914	5.755	.1738	78.5	.6715	5.589	.1789
72.6	.6910	5.752	.1739	78.6	.6711	5.586	.1790
72.7	.6907	5.749	.1739	78.7	.6708	5.584	.1791
72.8	.6903	5.746	.1740	78.8	.6705	5.581	.1792
72.9	.6900	5.744	.1741	78.9	.6702	5.578	.1793
73.0	.6897	5.741	.1742	79.0	.6699	5.576	.1793
73.1	.6893	5.738	.1743	79.1	.6695	5.573	.1794
73.2	.6890	5.735	.1744	79.2	.6692	5.570	.1795
73.3	.6886	5.732	.1745	79.3	.6689	5.568	.1796
73.4	.6883	5.729	.1746	79.4	.6686	5.565	.1797
73.5	.6880	5.727	.1746	79.5	.6683	5.562	.1798
73.6	.6876	5.724	.1747	79.6	.6679	5.560	.1799
73.7	.6873	5.721	.1748	79.7	.6676	5.557	.1800
73.8	.6869	5.718	.1749	79.8	.6673	5.554	.1801
73.9	.6866	5.715	.1750	79.9	.6670	5.552	.1801

TABLE 5—Continued.

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
80.0	0.6667	5.549	0.1802	86.0	0.6482	5.395	0.1854
80.1	.6663	5.546	.1803	86.1	.6479	5.392	.1855
80.2	.6660	5.543	.1804	86.2	.6476	5.390	.1855
80.3	.6657	5.541	.1805	86.3	.6473	5.387	.1856
80.4	.6654	5.538	.1806	86.4	.6470	5.385	.1857
80.5	.6651	5.536	.1806	86.5	.6467	5.382	.1858
80.6	.6648	5.533	.1807	86.6	.6464	5.380	.1859
80.7	.6645	5.531	.1808	86.7	.6461	5.377	.1860
80.8	.6641	5.528	.1809	86.8	.6458	5.375	.1860
80.9	.6638	5.525	.1810	86.9	.6455	5.372	.1861
81.0	.6635	5.522	.1811	87.0	.6452	5.370	.1862
81.1	.6632	5.520	.1812	87.1	.6449	5.367	.1863
81.2	.6629	5.517	.1813	87.2	.6446	5.365	.1864
81.3	.6626	5.515	.1813	87.3	.6443	5.362	.1865
81.4	.6623	5.512	.1814	87.4	.6440	5.360	.1866
81.5	.6619	5.510	.1815	87.5	.6437	5.357	.1867
81.6	.6616	5.507	.1816	87.6	.6434	5.355	.1867
81.7	.6613	5.504	.1817	87.7	.6431	5.352	.1868
81.8	.6610	5.502	.1818	87.8	.6428	5.350	.1869
81.9	.6607	5.499	.1819	87.9	.6425	5.347	.1870
82.0	.6604	5.497	.1819	88.0	.6422	5.345	.1871
82.1	.6601	5.494	.1820	88.1	.6419	5.343	.1872
82.2	.6598	5.491	.1821	88.2	.6416	5.340	.1873
82.3	.6594	5.489	.1822	88.3	.6413	5.338	.1873
82.4	.6591	5.486	.1823	88.4	.6410	5.335	.1874
82.5	.6588	5.484	.1823	88.5	.6407	5.333	.1875
82.6	.6585	5.481	.1824	88.6	.6404	5.330	.1876
82.7	.6582	5.478	.1825	88.7	.6401	5.328	.1877
82.8	.6579	5.476	.1826	88.8	.6399	5.325	.1878
82.9	.6576	5.473	.1827	88.9	.6396	5.323	.1879
83.0	.6573	5.471	.1828	89.0	.6393	5.320	.1880
83.1	.6570	5.468	.1829	89.1	.6390	5.318	.1880
83.2	.6567	5.466	.1829	89.2	.6387	5.316	.1881
83.3	.6564	5.463	.1830	89.3	.6384	5.313	.1882
83.4	.6560	5.460	.1831	89.4	.6381	5.311	.1883
83.5	.6557	5.458	.1832	89.5	.6378	5.308	.1884
83.6	.6554	5.455	.1833	89.6	.6375	5.306	.1885
83.7	.6551	5.453	.1834	89.7	.6372	5.304	.1885
83.8	.6548	5.450	.1835	89.8	.6369	5.301	.1886
83.9	.6545	5.448	.1836	89.9	.6367	5.299	.1887
84.0	.6542	5.445	.1837	90.0	.6364	5.296	.1888
84.1	.6539	5.443	.1837	90.1	.6361	5.294	.1889
84.2	.6536	5.440	.1838	90.2	.6358	5.291	.1890
84.3	.6533	5.437	.1839	90.3	.6355	5.289	.1891
84.4	.6530	5.435	.1840	90.4	.6352	5.286	.1892
84.5	.6527	5.432	.1841	90.5	.6349	5.284	.1893
84.6	.6524	5.430	.1842	90.6	.6346	5.281	.1894
84.7	.6521	5.427	.1843	90.7	.6343	5.279	.1894
84.8	.6518	5.425	.1843	90.8	.6341	5.277	.1895
84.9	.6515	5.422	.1844	90.9	.6338	5.275	.1896
85.0	.6512	5.420	.1845	91.0	.6335	5.272	.1897
85.1	.6509	5.417	.1846	91.1	.6332	5.270	.1898
85.2	.6506	5.415	.1847	91.2	.6329	5.267	.1899
85.3	.6503	5.412	.1848	91.3	.6326	5.265	.1899
85.4	.6500	5.410	.1848	91.4	.6323	5.263	.1900
85.5	.6497	5.407	.1849	91.5	.6321	5.261	.1901
85.6	.6494	5.405	.1850	91.6	.6318	5.258	.1902
85.7	.6490	5.402	.1851	91.7	.6315	5.256	.1903
85.8	.6487	5.400	.1852	91.8	.6312	5.253	.1904
85.9	.6484	5.397	.1853	91.9	.6309	5.251	.1904

TABLE 5—Continued.

Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound	Degrees Baumé	Specific gravity at 60°/60° F	Pounds per gallon	Gallons per pound
92.0	0.6306	5.248	0.1905	96.0	0.6195	5.155	0.1940
92.1	.6303	5.245	.1906	96.1	.6192	5.153	.1941
92.2	.6301	5.244	.1907	96.2	.6189	5.150	.1942
92.3	.6298	5.241	1908	96.3	.6186	5.148	.1943
92.4	.6295	5.239	.1909	96.4	.6184	5.146	.1943
92.5	.6292	5.236	.1910	96.5	.6181	5.144	.1944
92.6	.6289	5.234	.1911	96.6	.6178	5.142	.1945
92.7	.6286	5.232	.1911	96.7	.6176	5.140	.1946
92.8	.6284	5.230	.1912	96.8	.6173	5.137	.1947
92.9	.6281	5.227	.1913	96.9	.6170	5.135	.1948
93.0	.6278	5.225	.1914	97.0	.6167	5.132	.1949
93.1	.6275	5.222	.1915	97.1	.6165	5.130	.1949
93.2	.6272	5.220	.1916	97.2	.6162	5.128	.1950
93.3	.6270	5.218	.1916	97.3	.6159	5.126	.1951
93.4	.6267	5.216	.1917	97.4	.6157	5.124	.1952
93.5	.6264	5.213	.1918	97.5	.6154	5.121	.1953
93.6	.6261	5.210	.1919	97.6	.6151	5.119	.1954
93.7	.6258	5.208	.1920	97.7	.6148	5.116	.1955
93.8	.6256	5.206	.1921	97.8	.6146	5.114	.1955
93.9	.6253	5.204	.1922	97.9	.6143	5.112	.1956
94.0	.6250	5.201	.1923	98.0	.6140	5.110	.1957
94.1	.6247	5.199	.1924	98.1	.6138	5.108	.1958
94.2	.6244	5.196	.1925	98.2	.6135	5.106	.1959
94.3	.6242	5.194	.1925	98.3	.6132	5.103	.1960
94.4	.6239	5.192	.1926	98.4	.6130	5.101	.1960
94.5	.6236	5.190	.1927	98.5	.6127	5.099	.1961
94.6	.6233	5.187	.1928	98.6	.6124	5.096	.1962
94.7	.6231	5.185	.1929	98.7	.6122	5.094	.1963
94.8	.6228	5.183	.1929	98.8	.6119	5.092	.1964
94.9	.6225	5.180	.1930	98.9	.6116	5.090	.1965
95.0	.6222	5.178	.1931	99.0	.6114	5.088	.1966
95.1	.6219	5.176	.1932	99.1	.6111	5.085	.1967
95.2	.6217	5.174	.1933	99.2	.6108	5.083	.1967
95.3	.6214	5.171	.1934	99.3	.6106	5.081	.1968
95.4	.6211	5.169	.1935	99.4	.6103	5.079	.1969
95.5	.6208	5.166	.1936	99.5	.6100	5.076	.1970
95.6	.6206	5.164	.1936	99.6	.6098	5.074	.1971
95.7	.6203	5.162	.1937	99.7	.6095	5.072	.1972
95.8	.6200	5.160	.1938	99.8	.6092	5.070	.1972
95.9	.6197	5.157	.1939	99.9	.6090	5.068	.1973
				100.0	.6087	5.066	.1974